SHANIT GLOBAL

四大系列减速电机产品目录

R\F\K\S SERIES GEARMOTOR CATALOGUE

官方抖音号

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致力于打造世界一流的中国机电品牌

COMMITTED TO BUILDING A WORLD-CLASS CHINA ELECTROMECHANICAL BRAND

万鑫精工

致力于打造世界一流的中国机电品牌
COMMITTED TO BUILDING A WORLD-CLASS CHINA ELECTROMECHANICAL BRAND

万鑫精工（湖南）股份有限公司（简称万鑫精工）是集研发、生产、销售、服务于一体的专业机电驱动产品供应商以及智能自动化应用解决方案提供商，主要生产齿轮减速电机、高精密减速机、伺服电机、驱动器等，产品广泛应用于自动化生产线、机器人、汽车制造、工程机械、仓储物流、冶金、化工等行业领域。

源于“世界工厂”广东省东莞市，兴于“中部热土”湖南省长沙市，万鑫精工拥有湖南和东莞两处生产基地，成立了日本、深圳、湖南总部三大研发中心以及印度分公司，产品销往国内大部分省份地区以及全球各大洲。

秉持“致力于打造世界一流的中国机电品牌”的信念与愿景，立志走“精鑫”强企强国之路，万鑫精工以“专业化、品牌化、国际化”为目标，引进美国、日本、德国先进的加工与检测设备，笃志躬行为全球客户提供技术前沿、品质卓越的各类传动产品，向着推动世界工业智能化发展不懈奋斗！

产品图片
PRODUCT PICTURES


K...D


F...D


R...D


S...D


KA...D


FA...D


RF...D


SA...D


KF...D


FF...D


R...R


SF...D


KAF...D


FAF...D


R...AD


SAF...D


K...AD


F...AD


R...AM


K...AM


F...AM

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CONTENTS

产品说明
Product Introduction

我公司硬齿面系列减速机是具有国际先进水平，包括R系列斜齿轮减速机、F系列平行轴—斜齿轮减速机、K系列斜齿轮—伞齿轮减速机、S系列斜齿轮—蜗轮蜗杆减速机等。

我公司减速机系列产品采用模块化产品优化设计理念，使用有限元分析软件，采用独特的低噪音齿轮齿形设计，确保设计的先进性；传动比分级精细，有数百万种不同的组合，可满足用户各种不同需求；从选料到制造单元加工，实现产品的高精度、免维护，可选范围广。

我公司还备有双联型减速机（输入端加装一个斜齿轮减速机）、锁紧盘、花盘空心轴、B14法兰等多种组合方式供客户选择，详情请向我公司咨询。

Our Hardened reducer series is with international advanced level, including the R series helical gear reducer, F series parallel to the axis of the-helical gear reducer, K series helical gears-bevel gear reducer, S series helical gear-worm reducer etc.

All our full series motor products follow the optimization design philosophy of modularization, adopt finite element analysis method and unique low noise technology in gear designing, to insure the progressiveness of the design. The ratio classification in high fineness, available for millions of different combinations, which could satisfy various requirements;from the selection of raw materials to the processing of manufacturing cell, to realize the high-precision and maintenance-free of product, and the selection range is very wide.

Our company also provides other product options such as double geared motors(add helical geared motor to the input end), shrink disk, spline hollow shaft, B14 flange etc different combinations for choices, please consult our company for further information.

产品展示
Product display

R系列

F系列

K系列

S系列

3.型号说明
Model Notes

3.1减速机符号说明 Gear Motor Introduction

R	F	87	II	WS	S	B	2.2KW	-4	/	TF	/	124.97	/	M1	/	90°
1	2	3	4	5	6	7	8	9		10		11		12		13

1 产品代码
R-斜齿轮减速电机

2 装配型式
无代码-底脚安装
F-法兰安装

3 减速机规格号
87-减速机
规格号为87

4 法兰盘大小
I -无代码-无法兰，
或只有一种法兰，
或一种以上法兰中的最小法兰
II -两种法兰中的大法兰，
三种法兰中的法兰
III -三种法兰中的最大法兰

5 品牌
WS-代表Wanshsin，万鑫品牌

6 电动机
S-三相异步电动机
SVP-三相变频调速异步电动机

7 刹车器
无代码-无刹车器
B-断电刹车器
AB-手动释放刹车器
（自动返回制动位置）

8 电机额定输出功率
2.2KW-该电机额定输出
功率为2.2KW

9 电机极数
2-2极电机
4-4极电机
6-6极电机
8-8极电机

10 电机热保护
无代码-无电机热保护
TF-热敏电阻保护装置
PTC热敏电阻
TH-恒温器保护装置
双金属片开关

11 减速机转动比
124.97-减速机
传动比为124.97

12 安装位置
M1-安装形式图中
M1位置

13 接线盒位置
无代码-安装形式
图中0°位置
90°-安装形式
图中90°位置

R	F	87	II	WS	S	B	2.2KW	-4	/	TF	/	124.97	/	M1	/	90°
1	2	3	4	5	6	7	8	9		10		11		12		13

1 Code
R-Helical Gear Motor

2 Assemble Type
No Code-Foot Mounted
F-Flange Mounted

3 Gear Unit Size
87-Gear Unit Size 87

4 Flange Size
I -No flange, only one flange, or the smallest flange
II -Second bigger flange
III -Biggest flange

5 Brand
WS- Wanshsin Brand

6 Electric Motor
S- 3-phase asynchronous motor
SVP- 3-phase variable-frequency speed regulating asynchronous motor

7 Brake
No Code- Without Brake
B-Power-off Brake
AB-Manual Release Brake
(Automatic return to braking position)

8 Motor Rated Power
Motor rated power is 2.2KW

9 Pole Number
2 poles
4 poles
6 poles
8 poles

10 Thermistor
No Code- Without Thermistor
TF-Thermistor Protection
PTC Thermistor
TH-Thermostat Protection
Bimental Switch

11 Ratio
Ratio is 124.97

12 Mounting Position
M1-Mounting Position M1

13 Terminal Box Position
No code-mounting position 0°
90°-mounting position 90°

F A 87 / G WS S B 2.2KW -4 / TF / 123.29 / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13

1 产品代码
F-平行轴-斜齿轮减速电机

2 装配型式
无代码-底脚安装
F-法兰安装
A-空心轴安装
AF-法兰空心轴安装
H-锁紧盘输出轴

3 减速机规格号
87-减速机
规格号为87

4 扭矩臂
无代码-无扭矩臂
G-扭矩臂

5 品牌
WS-代表Wanshsin，万鑫品牌

6 电动机
S-三相异步电动机
SVP-三相变频调速异步电动机

7 刹车器
无代码-无刹车器
B-断电刹车器
AB-手动释放刹车器
（自动返回制动位置）

8 电机额定输出功率
2.2KW-该电机额定输出
功率为2.2KW

9 电机极数
2-2极电机
4-4极电机
6-6极电机
8-8极电机

10 电机热保护
无代码-无电机热保护
TF-热敏电阻保护装置
PTC热敏电阻
TH-恒温器保护装置
双金属片开关

11 减速机转动比
123.29-减速机
传动比为123.29

12 安装位置
M1-安装形式图中
M1位置

13 接线盒位置
无代码-安装形式
图中0°位置
90°-安装形式
图中90°位置

K A 87 / T WS S B 2.2KW -4 / TF / 115.82 / B / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 产品代码
K-斜齿轮-伞齿轮减速电机

2 装配型式
无代码-底脚安装
F-法兰安装
A-空心轴安装
AF-法兰空心轴安装
H-锁紧盘输出轴

3 减速机规格号
87-减速机
规格号为87

4 扭矩臂
无代码-无扭矩臂
T-扭矩臂

5 品牌
WS-代表Wanshsin，万鑫品牌

6 电动机
S-三相异步电动机
SVP-三相变频调速异步电动机

7 刹车器
无代码-无刹车器
B-断电刹车器
AB-手动释放刹车器
（自动返回制动位置）

8 电机额定输出功率
2.2KW-该电机额定输出
功率为2.2KW

9 电机极数
2-2极电机
4-4极电机
6-6极电机
8-8极电机

10 电机热保护
无代码-无电机热保护
TF-热敏电阻保护装置
PTC热敏电阻
TH-恒温器保护装置
双金属片开关

11 减速机转动比
115.82-减速机
传动比为115.82

12 轴指向
A-轴指向为A
B-轴指向为B
AB-双输出轴

13 安装位置
M1-安装形式图中
M1位置

14 接线盒位置
无代码-安装形式
图中0°位置
90°-安装形式
图中90°位置

F A 87 / G WS S B 2.2KW -4 / TF / 123.29 / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13

1 Code
F-Parallel shaft, Helical Gear Motor

2 Assemble Type
No Code-Foot Mounted
F-Flange Mounted
A-Hollow Shaft Mounted
AF- Flange Mounted with Hollow Shaft
H-Shrink Disk Output Shaft

3 Gear Unit Size
87-Gear Unit Size 87

4 Torque Arm
No Code-No Torque Arm
G-Torque Arm

5 Brand
WS- Wanshsin Brand

6 Electric Motor
S- 3-phase asynchronous motor
SVP-3-phase variable-frequency speed regulating asynchronous motor

7 Brake
No Code- Without Brake
B-Power-off Brake
AB-Manual Release Brake (Automatic return to braking position)

8 Motor Rated Power
2.2KW-Motor rated power is 2.2KW

9 Pole Number
2 poles
4 poles
6 poles
8 poles

10 Thermistor
No Code- Without Thermistor
TF-Thermistor Protection
PTC Thermistor
TH-Thermostat Protection
Bimental Switch

11 Ratio
Ratio is 123.29

12 Mounting Position
M1-Mounting Position M1

13 Terminal Box Position
No Code-Terminal Box Position is 0°
90°-Terminal Box Position is 90°

K A 87 / T WS S B 2.2KW -4 / TF / 115.82 / B / M1 / 90°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 Code
K-Helical Gear, Bevel Gear Motor

2 Assemble Type
No Code-Foot Mounted
F-Flange Mounted
A-Hollow Shaft Mounted
AF- Flange Mounted with Hollow Shaft
H-Shrink Disk Output Shaft

3 Gear Unit Size
87-Gear Unit Size 87

4 Torque Arm
No Code-Without Torque Arm
G-Torque Arm

5 Brand
WS- Wanshsin Brand

6 Electric Motor
S- 3-phase asynchronous motor
SVP-3-phase variable-frequency speed regulating asynchronous motor

7 Brake
No Code- Without Brake
B-Power-off Brake
AB-Manual Release Brake (Automatic return to braking position)

8 Motor Rated Power
2.2KW-Motor rated power is 2.2KW

9 Pole Number
2 poles
4 poles
6 poles
8 poles

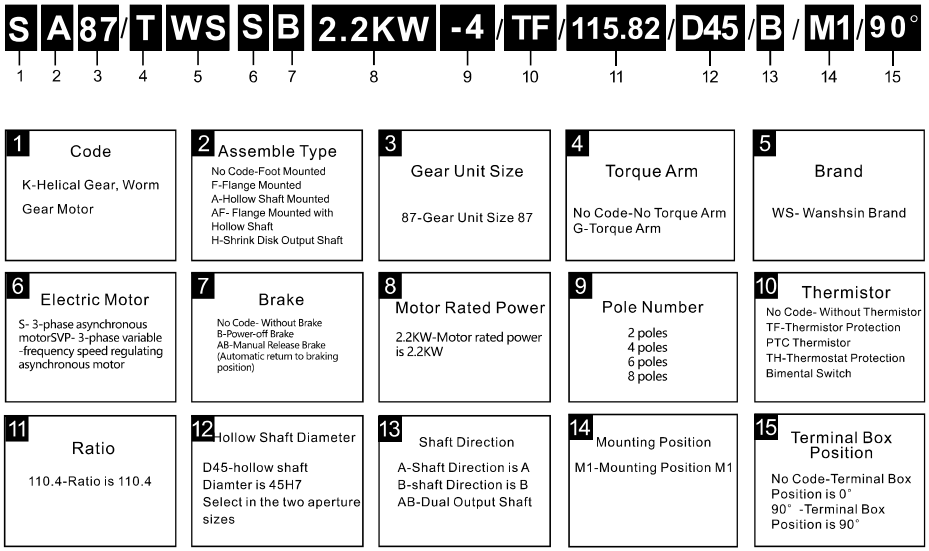
10 Thermistor
No Code- Without Thermistor
TF-Thermistor Protection
PTC Thermistor
TH-Thermostat Protection
Bimental Switch

11 Ratio
Ratio is 115.82

12 Shaft Direction
A-Shaft Direction is A
B-shaft Direction is B
AB-Dual Output Shaft

13 Mounting Position
M1-Mounting Position M1

14 Terminal Box Position
No Code-Terminal Box Position is 0°
90°-Terminal Box Position is 90°



3.2减速机和减速制动电机供货型号
3.2Type of gear motor and gear motor with brake

R、F、K、S
减速机
Gear motor

下表列出了可提供的斜齿轮(R)、平行轴(F)、斜齿轮-伞齿轮(K)和斜齿轮-蜗轮蜗杆(S)减速机型号。
There are the types of helical (R),parallel shaft helical (F),helical-bevel (K)and helical-worm (S)geared motors. We supplied in the table.

型号 Model	减速机 Gear motor			
	斜齿轮 (R) Helical	平行轴 (F) Parallel shaft	斜齿轮-伞齿轮 (K) Helical bevel	斜齿轮-蜗轮蜗杆 (R) Helical worm
底脚安装 Foot mounted	●	●	●	●
B5法兰安装 B5 flange mounted	●	●	●	●
底脚/B5法兰安装 Foot/B5 flange mounted	● 2)	●	–	–
带键空心轴安装 Hollow shaft mounted	–	●	● 1)	● 1)
带锁紧盘空心轴安装 Hollow shaft with shrink disk	–	●	● 1)	● 1)
带花键空心轴安装 Splined hollow shaft with shrink disk	–	●	● 1)	–
带锁紧盘空心轴安装 Hollow shaft with shrink disk+foot mounted	–	●	●	–
带键空心轴安装+底脚安装 Hollow shaft with Key+foot mounted	–	●	●	–
带花键空心轴安装+底脚安装 Splined hollow shaft mounted+foot mounted	–	●	●	–
带键空心轴安装+B5法兰安装 Hollow shaft with Key+B5 flange mounted	–	●	●	●
带锁紧盘空心轴安装+B5法兰安装 Hollow shaft with shrink disk+B5 flange mounted	–	●	●	●
带花键空心轴安装+B5法兰安装 Splined hollow shaft mounted+B5 flange mounted	–	●	●	–
带键空心轴安装+B14法兰安装 Hollow shaft with Key+B14 flange mounted	–	●	●	●
带锁紧盘空心轴安装+B14法兰安装 Hollow shaft with shrink disk+B14 flange mounted	–	●	●	●
带花键空心轴安装+B14法兰安装 Splined hollow shaft mounted+B14 flange mounted	–	●	●	–

● 适用于标准型号 The normal type
– 不可用 Can't use
1) 也可带力矩臂 You can use torque arm
2) 仅用于 R37-R87 Only used by R37-R87

多级减速机
Multi-stage geared motor

通过多级减速器或多级减速电机，可获得特别低的输出转速。就是在输入端安装一个斜齿减速机或减速电机作为第二级齿轮箱。此时，要注意根据减速机最大许用的输出扭矩，限制电机功率。

You can achieve the particularly low output speed by using multi-stage geared motor. The method is mounting a helical gear unit as a second gear units on the input end. At this moment, it is important to restrict the motor power according the maximum allowable output torque.

制动电机
Brake motors

根据需要可以把机械制动与电机及减速机合成一体提供，制动器是由带直线圈的电磁盘式制动器，通过电磁力打开，弹簧力制动，它的制动原理意味着断电制动，满足了基本安全需要，制动器如果安装手动释放，可实现机械式释放。手动释放有手柄或平头螺丝两种形式，手柄可自动弹回，平头螺丝可锁在释放位置。制动器通过装在电机接线盒或电气柜的制动控制系统来驱动。

On request, motors and gear motors can be supplied with an integrated mechanical brake. The brake is an electromagnetic disk brake made by a DC line coil, it was released by electromagnetic force and brake with spring force. The brake principle is power-off brake, which can satisfy fundamental safety requirements. The brake can also be released mechanically if fitted with manual brake release. The manual release was supplied either with a handle or a flat head screw, the handle can spring back automatically, and the flat head screw could be locked in the position of release. The brake is driven by a brake control system, which installed in terminal box or in electric cabinet.

3.3 减速机及附件的名称
3.3 Unit designations gear units and options

斜齿轮减速机
Helical gear units

R..	底脚安装 Foot-mounted
RF..	法兰安装 Flange-mounted
R..F	底脚-法兰安装 Foot and flange-mounted
RM..	带加长轴承箱，法兰安装 Flange-mounted with the extended bearing housing

平行轴减速机
Parallel shaft helical gear units

F..	底脚安装 Foot-mounted
FA..B	底脚安装，空心轴 Flange mounted with hollow shaft
FH..B	底脚安装，带锁紧盘空心轴 Foot mounted with hollow shaft and shrink disk
FV..B	底脚安装，带花键空心轴 Foot mounted with splined hollow shaft
FF..	B5法兰安装 B5 flange mounted
FAF..	B5法兰安装，空心轴 B5 flange mounted with hollow shaft
FHF..	B5法兰安装，带锁紧盘空心轴 B5 flange mounted with hollow shaft and shrink disk
FVF..	B5法兰安装，带花键空心轴 B5 flange mounted with spined hollow shaft disk
FA..	空心轴安装 Hollow shaft mounted
FH..	带锁紧盘空心轴安装 Hollow shaft with shrink disk
FV..	带花键空心轴安装 Splined hollow shaft mounted
FAZ..	B14法兰安装，空心轴 B14 flange mounted with hollow shaft shrink disk
FHZ..	B14法兰安装，带锁紧盘空心轴 B14 flange mounted with hollow shaft shrink disk
FVZ..	B14法兰安装，带花键空心轴 B14 flange mounted with splined hollow shaft

斜齿轮-伞齿轮减速机
Helical-bevel gear units

K..	底脚安装 Foot mounted
KA..B	底脚安装，空心轴 Foot mounted with hollow shaft
KH..B	底脚安装，带锁紧盘空心轴 Foot mounted with hollow shaft and shrink disk
KV..B	底脚安装，带花键空心轴 Foot mounted with splined hollow shaft
KF..	B5法兰安装 B5 flange mounted
KAF..	B5法兰安装，空心轴 B5 flange mounted with hollow shaft
KHF..	B5法兰安装，带锁紧盘空心轴 B5 flange mounted with hollow shaft and shrink disk
KVF..	B5法兰安装，带花键空心轴 B5 flange mounted with spined hollow shaft disk
KA..	空心轴安装 Hollow shaft mounted
KH..	带锁紧盘空心轴安装 Hollow shaft with shrink disk
KV..	带花键空心轴安装 Splined hollow shaft mounted
KAZ..	B14法兰安装，空心轴 B14 flange mounted with hollow shaft
KHZ..	B14法兰安装，带锁紧盘空心轴 B14 flange mounted with hollow shaft shrink disk
KVZ..	B14法兰安装，带花键空心轴 B14 flange mounted with spined hollow shaft

斜齿轮-蜗轮蜗杆减速机
Helical-worm gear units

S..	底脚安装 Foot-mounted
SF..	B5法兰安装 B5 flange mounted
SAF..	B5法兰安装，空心轴 B5 flange mounted with hollow shaft
SHF..	B5法兰安装，带锁紧盘空心轴 B5 flange mounted with hollow shaft and shrink disk
SA..	空心轴安装 Hollow shaft mounted
SH..	带锁紧盘空心轴安装 Hollow shaft with shrink disk
SAZ..	B14法兰安装，空心轴 B14 flange mounted with hollow shaft
SHZ..	B14法兰安装，带锁紧盘空心轴 B14 flange mounted with hollow shaft shrink disk

3.4 减速机及附件的名称
3.4 The name of AC motors and its accessories

双速交流电机型号
Pole-Changing AC motors with soft start

SD...	双速电机法兰安装 Pole-Changing flange mounted

电机型号
Motor options

BMG	制动器Brake
../HF	手动释放（锁在制动释放位置）/..Manual release(lock in the brake release position)
../HR	手动释放（自动返回制动位置）/..Manual release(automatic return to braking position)
/RS	逆止器/Backstop
/TF	热敏电阻保护装置（PTC热敏电阻）/Thermistor senor(PTC resistance)
/TH	恒温器保护装置（双金属片开关）/Thermostat(bimetallic switch)
/U	机身冷却（无通风）/motor body cooling(Non ventilated)
/V	强制冷风扇3x380-415VAC50HZ / Strong cooling fan.3x380-415VAC50HZ
/VS	强制冷风扇1x220-266VAC50HZ / Strong cooling fan.1x220-266VAC50HZ
/VR	强制冷风扇 / 1X24VDCStrong cooling fan.1X24VDC
/Z	高惯量飞轮风扇 / High inertia flywheel for Fan.
/C	风扇防雨罩 / Fan rainproof cover
-SRD	辊道电机 / Roller motor

编码器附件
Encoder on AC motor options

../H	增量编码器 Incremental encoder
../HR	绝对值编码器，MPS和sin/cos信号，24VDC电源 Absolute encoder with solid shaft. MSI and sin/cos signals and 24VDCsupply
/RE	扩展轴编码器，TTL(RS-422)信号，5VDC电源 Encoder with spread shaft, TTL(RS-422)signals and 5VDCsupply
/TF	扩展轴编码器，sin/cos信号，24VDC电源 Encoder with spread shaft, sin/cos signals and 24VDCsupply
/TH	扩展轴编码器，TTL(RS-422)信号，24VDC电源 Encoder with spread shaft, TTL(RS-422)signals and 24VDCsupply
/U	扩展轴编码器，HTL Encoder with spread shaft
/V	实心轴编码器，TTL(RS-422)信号，5VDC电源 Encoder with solid shaft, TTL(RS-422)signals and 5VDCsupply
/VS	实心轴编码器，sin/cos信号，24VDC电源 Encoder with solid shaft, sin/cos signals and 24VDCsupply
/VR	实心轴编码器，TTL(RS-422)信号，24VDC电源 Encoder with solid shaft, TTL(RS-422)signals and 24VDCsupply
/Z	实心轴编码器，HTL Encoder with solid shaft. HTL
/C	接近开关，带A通道，24VDC电源 Proximity switch with A track and 24VDC supply
-SRD	接近开关，带A、B通道，24VDC电源 Proximity sensor with A/B track and 24VDCsupply

编码器安装附件
Mounting device for encoders on AC motor options

ES,,A	扩展轴安装 ..With spread shaft
EV1A	实心轴安装托架 ..With brackets for solid shaft

4. 减速机选型
Selection of gear reducer

4.1传动装置选型数据
4.1 Drive selection data

准确地确定所需传动装置，下表所列的数据是必须的：
Certain data are essential to specify the components for your drive. There are.

传动装置选型数据		
n_{amin}	最小输出转速 Minimum output speed	[rpm]
n_{amak}	最大输出转速 Maximum output speed	[rpm]
P_a at n_{amak}	最低输出转速下的输出功率 Output power at minimum output speed	[kW]
P_a at n_{amak}	最高输出转速下的输出功率 Output power at maximum output speed	[kW]
M_a at n_{amak}	最低输出转速下的输出扭矩 Output torque at minimum output speed	[Nm]
M_a at n_{amak}	最高输出转速下的输出扭矩 Output torque at maximum output speed	[Nm]
F_R	FR输出轴径向力。假设载荷作用在轴伸的中点。 如果不一致，请确定径向力准确的作用点。 作用角度和轴旋转方向以便进行校核计算。 FR output shaft radial forces. Suppose to the load is applied at the midpoint of the axial extension. If not, please be sure the exact point at which the radial force is applied. Function angle and axis rotation direction for checking calculation.	[N]
F_A	输出轴轴向负载（拉力和压力） Axial Load of output shaft(tension and compression)	[N]
J_{load}	被驱动件的转动惯量 Rotational inertia of the driven device	[10^{-4}kgm^2]
R/F/K/S M1-M6	所需减速机类型和安装位置 Required gear reducer model# and its mounting position(→sec. Mounting positions, churning losses)	–
IP..	外壳防护等级 IP grade required	–
env	环境温度 Ambient temperature	[°C]
H	海拔高度 Altitude	[m above sealevel]
S..,..%cdf	工作制和负载持续率cdf；也可给出精确的负载周期图 Working mode and Load duration Rate cdf: Exact load cycle diagram available for review.	–
Z	启停频率；也可给出精确的负载周期图 Start and stop frequency; alternatively, Exact load cycle diagram available for review.	[no.perh]
f_{mains}	电源频率 Power supply frequency	[Hz]
$V_{mot.}$ V_{brake}	电机工作电压和制动器电压 Operating voltage of motor and brake	[V]
M_B	所需制动力矩 Required braking torque	[Nm]

4.2 选型流程图
4.2 Project planning sequence

例
Example

带有位置要求驱动方案的流程示意图，所涉及的减速电机由变频器控制
Below is a flow diagram of the drive with positioning requirements, the related gear motor was controlled by an inverter.

被驱动机的参数 -技术参数和环境条件 -位置精度要求 -速度范围（旋转精度） -循环时间的确定	Parameters of the device driven -Technical data and ambient conditions -Positioning accuracy -Speed setting range(Rotating accuracy) -Determination of the cycle time
计算机相关的应用参数 -所需的静态，动态功率及能耗制动的计算 -速度 -扭矩 -运行图	Computer application parameters -Calculation of static power, dynamic power, energy consumption for brake. -Speeds -Torque -Working diagram
减速机选择 -确定减速机的规格、速比和型号 -位置精度 -验算减速机负载能力（Mamax≥Ma(t)）	Gear unit selection -Definition if gear unit size, reduction ratio and type -Check for positioning accuracy -Check for gear unit load ability
控制系统选择的基本依据 -位置精度 -速度范围 -控制模式	Control System selection depending on -Positioning accuracy -Speed range -Control mode
变频器操作模式 -V/F控制方式（开环/闭环） -电压矢量模式（开环/闭环）VFC -电流矢量模式CFC	Inverter operation mode -V/F control(open cycle/closed cycle) -Voltage vector(open cycle/closed cycle)VFC -Current vector CFC
电机选择 -最大扭矩 -原动机正常转速下的扭矩 -最大速度 -对原动机的扭矩特性曲线 -热负载（设定范围、循环周期系数） -编码器选择 -电机附件（制动器、接线盒、热敏电阻传感器）	Motor selection -Maximum torque -Effective torque at medium speed -Maximum speed -In dynamic drives: torque curves -Thermal loading(setting range, cycle duration factor) -Selection of the correct encoder -Motor accessories(brake, terminal box, TF Thermal Resistance Sensors, etc.)
变频器选择 -变频功率选择 -VFC控制模式下的连续功率和尖峰功率 -CFC+伺服控制模式下的连续功率和尖峰功率	Inverter selection -Variable power selection -Continuous power and peak power under VFC control. -Continuous current and peak current under CFC+servo control
制动电阻选择 -根据能耗功率和工作循环周期确定制动电阻	Selecting the braking resistor -Brake resistance is determined according to energy consumption power and working cycle
其他选择 -电磁干扰的计算（EMC） -控制板/通讯板 -附加功能	Other options -EMC calculation -Operation/communication board -Additional functions
检查是否所有要求已满足	Check to see if all requirements have been met

图：选型应用流程图 Figure:Project planning process

减速机选型/Selection Of Gear Reducer

4.3 减速机的效率
4.3 Efficiency of gear units

减速机的效率主要由齿轮啮合和轴承摩擦损失所有决定的。
减速机运行初期的效率总是比正常运行时要低，尤其是斜齿轮蜗轮蜗杆更为明显。
The efficiency of gear reducer is mainly determined by gear meshing and bearing friction loss.
The efficiency of the working beginning is always lower than the normal operation, especially the helical gear worm and worm.

R.F.K系列减速机 / R.F.K gear units

斜齿轮、平行轴、斜齿轮-锥齿轮减速机的效率是根据减速级数确定，在94%(3级) - 98%(1级)之间。
The efficiency of helical, parallel shaft helical and helical-bevel gear units Varies according to the number of gear stages,between 94%(3-stage) and 98%(1-stage).

S系列减速机 / S gear units

斜齿轮蜗轮蜗杆减速机由于产生高损失的滑动摩擦，所以它们比R.F.K减速机损失大、效率低，主要是由以下因素决定：
.斜齿轮蜗轮蜗杆级的传动比
.输入转速
.齿轮箱温度
设计的斜齿轮蜗轮蜗杆减速机比单级的蜗轮蜗杆减速机的效率有明显的提高，对于很大速比的斜齿轮蜗轮蜗杆才有可能其效率π<0.5。
Owing to high losses of sliding friction, S gear units have higher gearing losses while lower efficiency than R, F or K gear units. Reasons as following:
- Transmission ratio of helical gear worm gear and worm gear stage
- Input speed
- Gear unit temperature
The efficiency of the designed helical gear worm reducer is obviously improved compared with the single gear worm reducer, and it's possible on efficiency π<0.5 for the helical gear worm reducer with high speed ratio.

自锁条件 / Self-locking condition

在斜齿轮—蜗轮蜗杆上加反向力矩会产生一个反向效率 π=2-1/π 反向效率)，其值明显小于正向效率π，如果正向效率π≤0.5，那么斜齿轮蜗杆减速机会自锁。仅有少量大速比的斜齿轮蜗轮蜗杆减速机静态自锁。如果想利用自锁的制动效果特点请向厂方咨询。
There will be an reverse efficiency π=2-1/π when a reverse torque was added onto a helical-worm gear unit, and this reverse efficiency will be significantly smaller than forward efficiency π, if the forwards efficiency π≤0.5, a few helical-worm gear units with very big gear ratio are statically self-locking. Please contact us if you wish to make use of the braking characteristics of self-locking.

运行初始阶段 / Initial Running phase

由于新的斜齿轮蜗杆减速机齿面不够光滑、摩擦角较大，所以效率较正常运行时要小，这种影响在大传动比时变得更加明显。
Because of the gear surface not smooth enough and friction angle a little big, initial running phase efficiency of a new helical-worm will be smaller than normal working phase, and this will be more obvious as the ratio going bigger.

在运行初试阶段，所给定的效率值应减去表中数值：
In the initial running phase, the given efficiency number should minus the corresponding value listed in the following table

	Helical-worm	速比i的范围
1start	approX.12%	approX.50-280
2start	approX.6%	approX.20-75
3start	approX.3%	approX.20-90
4start	-	-
5start	approX.3%	approX.6-25
6start	approX.2%	approX.7-25

经过连续24小时运行，斜齿轮蜗轮蜗杆满足以下条件可达到给出的额定功率：
.减速机经过充分的试运行
.减速机达到正常运行温度值
.加入推荐的润滑剂
减速机在额定的负载范围内工作
Normally after 24 hours' pilot run, Helical-worm gear units can achieve rated efficiency when:
-The gear unit was fully test run
-The gear unit has reached its normal operation temperature
-The recommended lubricant has been filled in
The gear unit is working within the rated load range

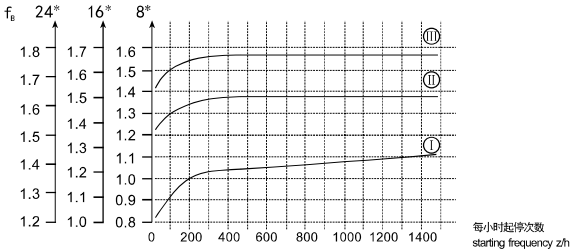
搅动损失 / Churning losses

在某些安装位置，第一级小齿轮完全浸在油中，对于大机座号减速机和有较高输入转速的减速机，搅动损失会急剧上升，不能忽视，因此，当遇到此类情况请向厂方咨询。如果可能，对于R、K和S系列减速机尽量使用M1安装位置以确保较小的搅动损失。
In certain mounting positions of gear units, the first reduction stage is completely immersed in the lubricant, and for some gear units with big base and high input speed, the churning losses could rise sharply which cannot be ignored, you would be required to contact our after-sales service when this happens. In order to make the churning loss as small as possible, please apply M1 mounting position as much as possible for R, S and K series.

4.4 使用系数
4.4 Service factor

决定使用系数的因素 / Determining of the service factor

选用减速箱要考虑一定的使用系数用f表示，使用系数f由每天的运行时间和起停频率所决定，根据惯量加速系数确定的三种负载类型也要考虑，可以从图中读取驱动方案的使用系数，从图中确定的使用系数一定要小于或等于从选型表中所给定的使用系数。
When doing selections of gear units, its Service Factor needs to be taken into consideration, referred as FB, which were determined by daily working time and start-stop frequency, moreover, those three load types which ascertained by Inertia acceleration coefficient, also needs to be considered, from below table you could get the service factor corresponding to the drive solution, the service factor from below table will be smaller or equals to the one given by gear units selection table.



图：使用系数f_B
Fig: service factor f_B

*运行小时/天
**起停次数，包括所在的起停和制动过程，所括从低到高，从高到低变换过程。

Daily operating time in hours/day
Start-stop frequency Z: Include the process of start and stop with brake, as well as changes from low to high and high to low speed.

负载类型 / Load classification

三种负载类型：
1 均匀载荷，允用的惯性加速系数≤0.2
2 中等冲击载荷，允许的惯用加速系数≤3
3 强冲击载荷，允许的惯性加速系数≤10

Three load types:
1.Uniform load, allowable Inertial acceleration coefficient≤0.2
2.Medium impact load, allowable Inertial acceleration coefficient≤3
3.Strong impact load, allowable Inertial acceleration coefficient≤10

惯性加速系数 / Inertial acceleration coefficient

惯性加速系数的计算方式：
The Inertial acceleration coefficient is calculated as follow:

$$\text{惯性加速系数} = \frac{\text{所有的外部转动惯量}}{\text{电动机的转动惯量}} \qquad \text{Inertial acceleration coefficient} = \frac{\text{All external rotational inertia}}{\text{The moment of inertia for the electric motor}}$$

所有的外部转动惯量是指被驱动装置加上减速机相对于电机转速的转动惯量，运算公式如下：$J_x = j \cdot (\frac{n}{n_M})^2$

"All external rotational inertia" means the rotational inertia of the driven device and the reducer in compared to motor rotating speed, the calculation formula as follow: $J_x = j \cdot (\frac{n}{n_M})^2$

J_x=相对于电机轴的外部转动惯量　　J_x =External rotational inertia in compared to the motor shaft
J =相对于减速机输出轴的外部转动惯量　　J =External rotational inertia in compared to the output shaft of the gearunit
N=减速机的输出转速　　N =Output speed of the gear unit
N_M=电机转速　　N_M =Motor speed

电机的转动惯量是指电机转动惯量，若配有制动器和高惯量飞轮（Z风扇）则要相应增加所配部件的转动惯量。惯性加速系数大于10，要求传动部件高平稳性及大的径向负载时使用系数fB 就大于1.8,此类情况请向厂方咨询。

The rotational inertia of the components will be increased if the motor was equipped with brake and high inertia flywheel(Z fan), when the Inertial acceleration coefficient bigger than 10, it is required that the spare parts of transmission high stability, fB will be bigger than 1.8 where there is big radial load. Please consult factory when such situations appear.

减速机选型/Selection Of Gear Reducer

使用系数-f_B

确定最大持续运行扭矩Mamax和由此推导出的使用系数f_B=Mamax/Ma是不标准的，并且不同的制造商之间有很多不同。使用系数f_B=1时，驱动设备在疲劳强度范围内能提供相当高的工作安全性和可靠性（除斜齿轮蜗轮蜗杆减速机的涡轮之外）。在一定条件下，使用系数不必和其他减速机制造商所给出的进行比较。若有疑问，请和厂方联系索取针对特殊驱动设备详细资料。

service factor:

Ascertain maximum continuous working torque and then deriving the service factor f_B=Mamax/Ma, which was thought to be as not standard, and this varies with different manufacturers. When f_B=1 and within fatigue strength range, the driven device capable of providing extremely high level of working safety and reliability(Exceptions:helical and worm gear motor.) Under some circumstances, it is not necessary to compare the service factor with the value of other gear motor manufacturer, for any questions, please ask the manufacture for detailed information special for some driving equipments.

举例 / Example

惯性加速系数2.5（II类载荷），运行时间14小时/天（按16小时/天查图）和300次起停/小时，使用系数在图中为f_B=1.51,根据选型表所选择的减速机f_B值要≥1.51。

Inertial acceleration coefficient 2.5 (load classification II),14 hours/day operating time (check the figure at 16h/d) and 300 cycles/hour produce a service factor f_B=1.51 as shown in Fig.2.According to the selection table, the selected motor must have an f_B Value of 1.51or greater.

斜齿轮蜗轮蜗杆减速机 / Helical gear worm gear reducer

在斜齿轮蜗轮蜗杆减速机中，除了已有图中的使用系数f_B外 ,还有两个使用系数f_{B1},f_{B2} 要考虑

.f_{B1} =环境温度使用系数

.f_{B2} =负载持续系数

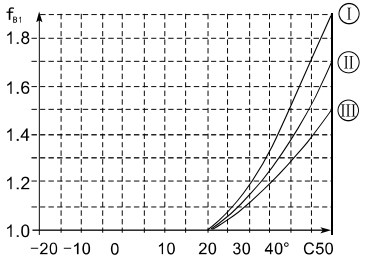
In the helical gear worm reducer, in addition to the existing coefficient f_B in the figure, there are two other used coefficients f_{B1} and f_{B2} to be considered

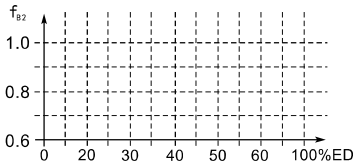
.f_{B1}= working coefficient of ambient temperature

.f_{B2}= load persistence coefficient

附加的使用系数f_{B1} 、f_{B2} 可通过下图确定，确定f_{B1} 时和确定f_B同样的方法考虑负载类型。

The additional working coefficients f_{B1} and f_{B2} can be determined by the following figure. When confirmed f_{B1}, load type can be considered in the same way as f_B.





$$cdf(\%)=\frac{\text{负载持续时间分钟/小时 Time under load in min/h}}{60}\times 100$$

图：附加使用系数f_{B1}和f_{B2}

Additional service factors f_{B1} and f_{B2}

确定f_{B1}时，环境温度低于-20°C请向厂方咨询

Please contact in case of temperatures below-20°C(→f_{B1})

斜齿轮蜗轮蜗杆减速机总的使用系数F_{B} 按下式计算：$F=f_B.f_{B1}.f_{B2}$

The total service factor for helical-worm gear units is calculated as follows: $F=f_B.f_{B1}.f_{B2}$

举例 / Example

若前一个例子使用f_B=1.51的减速机是斜齿轮蜗轮蜗杆减速机

If the geared motor with the service factor f_B=1.51 in the prevenient example is a helical-worm geared motor.

环境温度=40°C→f_{B1}=1.38(负载类型II)

Ambient temperature U=40°C→f_{B1} =1.38(read off at load classification II)

负载工作时间40分钟/小时cdf=66.7% f_{B2}=0.95

Time under load=40min/h→cdf=66.7% f_{B2}=0.95

根据选型表，所选的斜齿轮蜗轮蜗杆减速机的f_B则应≥1.98

According to the selection tables, the selected helical-worm geared motor must have a $f_B$value of 1.98 or greater.

使用系数（二）
Service factor(Two)

减速机是按载荷平稳，每天工作时间一定和少量起停次数的情况设计的，而在实际使用中往往不是出于此种理想状态，因此必须按照实际情况的载荷类型、运行时间、启动频率来确定工作机系数f_{B1}，原动机系数f_{B2}，起动系数f_{B3}。使用小于或等于选型表中的使用系数f_B，即$f_B X f_{B1} X f_{B2} X f_{B3} \leqslant f_{B0}$. 或将工作机所需要的转矩乘以使用系数（$f_B X f_{B2} X f_{B3}$）应小于或等于减速机的许用转矩。

Gear units are designed under the circumstance of steady load, stated operating time per day and a small number of start and stop times. But the practical condition will be not as perfect as the designed circumstance. So we must confirm driven machine factor f_{B1},prime mover factor f_{B2} ,starting factor f_{B3} according to actual load type, operating time, starting frequency. Let it less than or equal to the service factor f of selection table, viz $f_{B1} X f_{B2} X f_{B3} \leqslant f_{B0}$. The needed torque of service machine multiply the service factor ($f_{B1} X f_{B2} X f_{B3}$) should less than or equal to gear units' permissible torque.

即$M_a \geqslant M_d X f_{B1} X f_{B2} X f_{B3}$

f_{B1}-工作机系数（见表1） f_{B1}-driven machine factor(see table 1)

f_{B2}-原动机系数（见表2） f_{B2}-prime mover factor(see table 2)

f_{B3}-启动系数（见表3） f_{B3}-starting factor(see table 3)

M_d-工作机所需转矩 M_d-the need torque of driven machine

M_a-减速机许用转矩 M_a-gear units'permissible torque

表1 Table 1 工作机系数 Factor for driven machine f_{B1}

工作机 Driven machine			日工作小时数 The day work hours		
			≤0.5h	0.5-10h	>10h
污水处理 Waste water treatment	浓缩器（中心传动）	Thickeners(central drive)	-	-	1.2
	压滤器	Filter press	1.0	1.3	1.5
	絮凝器	Flocculator	0.8	1.0	1.3
	曝气机	Aerators	-	1.8	2.0
	搂集设备	Raking equipment	1.0	1.2	1.3
	纵向、回转组合接集装置	Combined longitudinal and rotary rakes	1.0	1.3	1.5
	预浓缩器	Pre-thickeners	-	1.1	1.3
	螺杆泵	Screw pumps	-	1.3	1.5
	水轮机	Water turbines	-	-	2.0
	离心泵	Centrifugal pumps	1.0	1.2	1.3
	1个活塞容积式泵	1piston positive-displacement pumps	1.3	1.4	1.8
	>1个活塞容积式泵	>1piston positive-displacement pumps	1.2	1.4	1.5
挖泥机 Dredgers	斗式运输机	Bucker conveyors	-	1.6（>10h）	1.5
	倾卸装置	Dumping devices	-	1.3	1.5
	Carteypillar行走机构	Carterpillar travelling gears	1.2	1.6	1.6
	斗轮式挖掘机（用于捡拾）	Bucket wheel excavators as pick-up	-	1.7	1.7
	斗轮式挖掘机（用于粗料）	Bucket wheel excavators for primitive material	-	2.2	2.2
	切碎机	Cutter heads	-	2.2	2.2
	行走机构*	Traversing gears'		1.4	1.8
	弯板机*	Plate bending machines	-	1.0	1.0
化学工业 Chemical industry	挤压机	Extnuders	-	-	1.6
	调浆机	Dough mills	-	1.8	1.8
	橡胶砑光机	Rubber calenders	-	1.5	1.5
	冷却圆筒	Cooling drums	-	1.3	1.4
	混料机，用于均匀介	Mixers for uniform media	1.0	1.3	1.4
	混料机，用于非均匀介	Mixers for non-uniform media	1.4	1.6	1.7
	搅拌机，用于密度均匀介质	Agitators for media with uniform density	1.0	1.3	1.5
	搅拌机，用于非均匀介质	Agitators for media with non-uniform density	1.2	1.4	1.6
	搅拌机，用于不均匀气体吸收	Agitators for media with non-uniform gas absorption	1.4	1.6	1.8
	烘炉	Toasters	1.0	1.3	1.5
	离心机	Centrifuges	1.0	1.2	1.3
起重机械 Cranes	回转机构	Slewing gears	2.5	2.5	3.0
	俯仰机构	Luffing gears	2.5	2.5	3.0
	行走机构	Travelling gears	2.5	3.0	3.0
	提升机构	Hoisting gears	2.5	2.5	3.0
	转臂式起重机	Derricking jib cranes	2.5	2.5	3.0

减速机选型/Selection Of Gear Reducer

工作机 Driven machines			日工作小时数 The day work hours		
			≤0.5h	0.5-10h	>10h
金属加工设备 Metal working mills	翻板机	Plate titers	1.0	1.0	1.2
	推钢机	Ingot pushers	1.0	1.2	1.2
	线绕机	Winding machines	-	1.6	1.6
	冷床横移架	Cooling bed transfer frames	-	1.5	1.5
	辊式矫直机	Roller straighteners	-	1.6	1.6
	辊道（连续式）	Roller tables continuous	-	1.5	1.5
	辊道（间歇式）	Roller tables intermittent	-	2.0	2.0
	可逆式轧管机	Roller tables Reversing tube mills	-	1.8	1.8
	剪切机（连续式）*	Shears continuous*	-	1.5	1.5
	剪切机（曲柄式）*	Shears crank type*	1.0	1.0	1.0
	连铸机驱动装置	Continuous casting drivers	-	1.4	1.4
	可逆式开坯机	Reversing blooming mills	-	2.5	2.5
	可逆式板坯轧机	Reversing slabbing mills	-	2.5	2.5
	可逆式线材轧机	Reversing wire mills	-	1.8	1.8
	可逆式薄板轧机	Reversing sheet mills	-	2.0	2.0
	可逆式中厚板轧机	Reversing plate mills	-	1.8	1.8
	辊缝调节驱动装置	Roll adjustment drives	0.9	1.0	-
输送机械 Conveyors	斗式输送机	Bucket conveyors	-	1.2	1.5
	绞车	Hauling winches	1.4	1.6	1.6
	卷场机	Hoists		1.5	1.8
	皮带输送机＜150KW	Belt conveyors ＜150KW	1.0	1.2	1.3
	皮带输送机≥150KW	Belt conveyors ≥150KW	1.1	1.3	1.5
	货用电梯*	Goods lifts*	-	1.2	1.5
	客用电梯*	Passenger lifts*		1.5	1.8
	刮板式输送机	Apron conveyors	-	1.2	1.5
	自动扶梯	Escalators		1.2	1.4
	辊道 行走机构	Rail travelling gears	-	1.5	-
	变频装置	Frequency converters	-	1.8	2.0
	往复式压缩机	Reciprocating compressors	-	1.8	1.9
冷却塔 Cooling towers	冷却塔风扇	Cooling tower fans	-	-	2.0
	风机（轴流和离心式）	Blowers(axial and radial)	-	1.4	1.5
蔗糖生产 Cane sugar production	甘蔗切碎机*	Cane knives*	-	-	1.7
	甘蔗碾磨机	Cane mills	-	-	1.7
甜菜糖生产 Beet sugar production	甜菜搅碎机	Beet cossettes maceratorsr	-	-	1.2
	榨取机，机械制冷机，蒸煮机	Extraction plants, Mechanical refrigerators, Juice boilers	-	-	1.4
	甜菜清洗机	Sugar beet washing machines	-	-	1.5
	甜菜切碎机	Sugar beet cutters	-	-	1.5
造纸机械 Paper machines	各种类型**	Of all-kind**	-	1.8	2.0
	碎浆机驱动装置	Pulper drives	2.0	2.0	2.0
	离心式压缩机	Centrifugal compressors	-	1.4	1.5
索道缆车 Cableways	货运索道	Material ropeways	-	1.3	1.4
	往返系统空中索道	To-and fro system aerial ropeways	-	1.6	1.8
	T型杆升降机	T-barlifts	-	1.3	1.4
	连续索道	Continuous ropeways	-	1.4	1.6
水泥工业 Cement industry	混凝土搅拌机	Concrete misers	-	1.5	1.5
	破碎机*	Breakers*	-	1.2	1.4
	回转窑	Rotary kilns	-	-	2.0
	管式磨机	Tube mills	-	-	2.0
	选择机	Separators	-	1.6	1.6
	辊压机	Roll crushers	-	-	2.0

表2 Table 2 原动机系数 Factor for prime mover f_{B2}	
电机，液压马达，汽轮机 Electric motors, hydraulic motors, turbines	1.0
4-6缸活塞发动机 Piston engines 4-6 cylinders	1.25
1-3缸活塞发动机 Piston engines 1-3 cylinders	1.5

表3 Table 3 启动系数 Start factor f_{B3}	
起停次数/每小时 Number of starts and stop/hour	
＜10	1
10＜f_{B3}＜100	1.15
100＜f_{B3}＜500	1.25

4.5 径向和轴向负载
4.5 Radial and axial loads

径向负载
The radial load

确定径向负载时，要考虑安装在轴端传动部件的影响，传动部件系数f_z列于表：
When determining the radial load, the type of transmission element mounted on the shaft end must be considered. The transmission element factors f_z are listed as follows:

传动部件 Transmission element		传动部件系数f_z Transmission element factor f_z	备注 Comments	
齿轮	Gears	1.15	＞17齿	＞17 teeth
链轮	Chain sprockets	1.40	＞13齿	＞13 teeth
链轮	Chain sprockets	1.25	＞20齿	＞20 teeth
窄V型带	Narrow V-belt pulleys	1.75	欲应力影响	Prestressing force influence
宽平皮带	Flat belt pullrys	2.50	欲应力影响	Prestressing force influence
齿型皮带	Toothed belt pulleys	2.5	欲应力影响	Prestressing force influence

作用在电机或减速机轴伸上的径向力按下式计算：
The radial load exerted on the motor or gearbox or motor shaft is the calculated as follows:

$$F_R = \frac{M_d \cdot 2000}{d_o} \cdot f_z$$

F_R	径向载荷(N)	F_R	Radial load in N
M_d	力矩(N.m)	M_d	Torque in Nm
D_o	节园直径(mm)	D_o	Mean diameter of the mounted transmission element in mm
f_z	传动部件系数	f_z	Transmission element factor

许用的径向荷载
Permitted overhung load

根据耐磨轴承额定寿命L_{h10}来确定许用径向荷载。

对于特殊的运行条件，许用径向荷载根据所要求的修正寿命L_{na}来确定。

对于地脚安装实心轴输出的减速机许用径向载荷列于减速电机的选型表中。对于其他安装形式可与工厂方联系。

According the rated service life L_{h10} of the anti-friction bearings to define the permitted radial loads. For the special operating conditions, the permitted radial loads can be determined by the modified service life L_{na}.

The permitted radial loads F_{Ra} for the output shafts of foot-mounted gear units with a sold shaft are listed in the selection tables for geared motors. Please contact in case of other types.

选型表中的径向力数值按照力作用于轴伸的中点（斜齿轮-伞齿轮减速机安装A端输出轴考虑）。

径向力作用角度a和旋转方向已经按最不利的条件给与考虑。

The data refer to the radial force acting midway on the shaft end(with right-angle gear units on the A-side output). Worst case conditions have been assumed for the force application angle a and the direction of rotation.

• 对于K和S系列减速机，M1安装位置前面与安装固定面连接时，许用径向载荷只是选型表中F_{Ra}数值的50%。
• 地脚/法兰安装斜齿轮减速电机(R..F)：当通过法兰安装传递力矩时，许用径向载荷最大为选型表中F_{Ra}的50%。

-For K and S series gear units, mounting position M1, the permissible radial load is only 50% of the FRa value specified in the selection table.

-For foot and flange-mounted helical gear motors(R..F), when the transmission torque was mounted via flange, the maximum permissible radial load should be 50% of the value specified in the selection table.

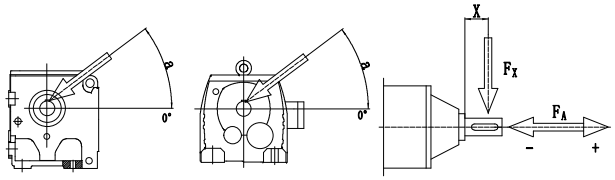
更高的许用径向载荷
Higher permissible radial load

对于R、F和K系列减速电机安装重载轴承可提高许用径向载荷。另外，精确考虑选择方向和力作用角a，也可提高许用径向载荷，在此情况下，请和厂方联系。

For R, F and K gear motors, the permissible radial load can be increased properly when there heavy duty bearings being installed. In addition, the radial load can also be bigger when the force application angle a and the direction of rotation was precisely considered, and please contact the manufacturer in this situation.

所受力的定义
Definition of force application

所受力根据下图来定义
Force application is defined according to the following diagram:



F_X=在X点的许用径向载荷(N)
F_A=许用轴向载荷(N)

F_X= Approved radial load at point X [N]
F_A= Approved axial load [N]

许用轴向载荷
Permissible axial loads

如果没有径向载荷，那么轴向载荷FA（+表示拉力，-表示压紧力）依据表中径向符合的50%给定是允许的，这适用于：
If there is no radial load, then an axial load FA(+ means tension, - means compression) equals to 50% of the radial load given in the selection tables is workable. This also applies to the following geared motors:

• 平行轴斜齿轮减速机与斜齿轮-伞齿轮（实心轴）减速机（F97...除外）
• 实心轴斜齿轮涡轮杆减速机

-Parallel shaft and helical-bevel geared motors with solid shaft except for F97...
-Helical-worm geared motors with solid shaft

对于其他类型的减速机请于厂方咨询，以防过大的轴向载荷或轴向及径向的合成力。
Please contact for all other types of gear units and in the event of significantly greater axial loads or combinations of radial load and axial load.

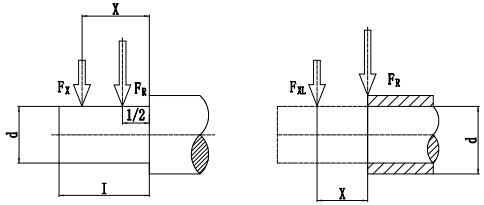
偏离中心点的径向力
The off center radial load

对于受力点不在轴端中点的允许径向载荷要根据下面的公式计算。F_{XL}和F_{XW}中的较小值是在X点允许数值，所计算的数值应用于M_{amax}
The permissible radial loads given in the selection tables must be calculated using the following formulae in the event to force application not in the center of the shaft end. The smaller of the two values F_{XL} (accordingto bearing service life) and F_{XW} (according to shaft strength) is the permissible value for the radial load at point x. Moreover this formula also applies to the calculation of M_{amx}.

根据轴承寿命F_{XL}
F_{XL} according to bearing service life $F_{XL} = F_{Ra} \cdot \frac{a}{b+x}$ [N]

根据输出轴强度F_{XW}
F_{XW} according to the shaft strength $F_{XW} = \frac{c}{f+x}$ [N]

F_{Ra} =对于底脚安装齿轮箱的允许径向载荷(选型表中所列值)单位：N
Permissible radial load(z=1/2) for foot-mounted gear units according to the selection tables in [N]
X =从轴肩到受力点的距离
Distance from the shaft shoulder to the force application point in [mm]
a,b,f =对于径向负载转化的齿轮箱常量
Gear unit constants for radial load conversion [mm]
c =对于径向负载转化的齿轮箱常量
Gear unit constants for radial load conversion [Nmm]



图：偏离中心点的径向力F_x
Fig: Radial load F_x for off-center force application

据径向负载/转化所得的/齿轮箱常量
Gear unit constants for radial load conversion

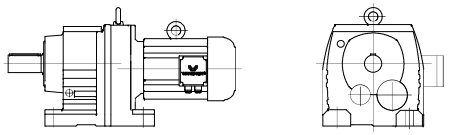
齿轮箱常量 Gear unit type	a [mm]	b [mm]	c [mm]	f [Nmm]	d [mm]	l [mm]
R37	118	93	$1.24•10^5$	0	25	50
R47	137	107	$2.44•10^5$	15	20	60
R57	147.5	112.5	$3.77•10^5$	18	35	70
R67	168.5	133.5	$2.51•10^5$	0	35	70
R77	173.7	133.7	$3.97•10^5$	0	40	80
R87	216.7	166.7	$8.47•10^5$	0	50	100
R97	255.5	195.5	$1.19•10^6$	0	60	120
R107	285.5	215.5	$2.06•10^6$	0	70	140
R137	343.5	258.5	$6.14•10^6$	30	90	170
R147	402	297	$8.65•10^6$	33	110	210
R167	450	345	$1.26•10^7$	0	120	210
F37	123.5	98.5	$1.07•10^5$	0	25	50
F47	153.5	123.5	$1.78•10^5$	0	30	60
F57	170.7	135.7	$5.49•10^5$	32	35	70
F67	181.3	141.3	$4.12•10^5$	0	40	80
F77	215.8	165.8	$7.87•10^5$	0	50	100
F87	263	203	1.19X10^6	0	60	120
F97	350	280	$2.09•10^6$	0	70	140
F107	373.5	288.5	$4.23•10^6$	0	90	170
F127	442.5	337.5	$9.49•10^6$	0	110	210
F157	512	407	$1.05•10^7$	0	120	210
K37	123.5	98.5	$1.41•10^5$	0	25	50
K47	153.5	123.5	$1.78•10^5$	0	30	60
K57	169.7	134.7	$6.8•10^5$	31	35	70
K67	181.3	141.3	$4.12•10^5$	0	40	80
K77	215.8	165.8	$7.69•10^5$	0	50	100
K87	252	192	$1.64•10^6$	0	60	120
K97	319	249	$2.8•10^6$	0	70	140
K107	373.5	288.5	$5.53•10^6$	0	90	170
K127	443.5	338.5	$8.31•10^6$	0	110	210
K157	509	404	$1.18•10^7$	0	120	210
K167	621.5	496.5	$1.88•10^7$	0	160	250
K187	720.5	560.5	$3.04•10^7$	0	190	320
S37	118.5	98.5	$6.0•10^4$	0	20	40
S47	130	105	$1.33•10^5$	0	25	50
S57	150	120	$2.14•10^5$	0	30	60
S67	184	149	$3.04•10^5$	0	35	70
S77	224	179	$5.26•10^5$	0	45	90
S87	281.5	221.5	$1.68•10^6$	0	60	120
S97	356.3	256.3	$2.54•10^6$	0	70	140

对于没有列出的类型的值据需要给定。
Values for types not listed are available on request.

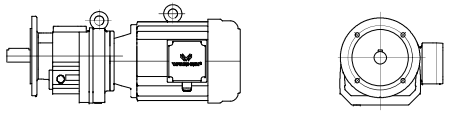
5. R 斜齿轮减速机
R Helical Geared Motors

5.1 设计方案
5.1 Versions of geared motors

斜齿轮减速电机由以下设计方案:
The following types of helical-bevel motor can be supplied:



R..D..
底脚安装斜齿轮减速电机
Foot-mounted helical geared motor



RF..D..
法兰安装斜齿轮减速电机
Flange-mounted helical geared motor

5.2 可行的组合方式
5.2 Type of Combination

以下是斜齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围：
The following types of helical-bevel motor can be supplied:

减速机型号 Gear motor size	级 Stages	D63/71 (0.12-0.37KW)	D80 (0.55-0.75KW)	D90 (1.1-1.5KW)	D100 (2.2-3.0KW)	D112 (4.0KW)	D132S (5.5KW)	D132M (7.5KW)
R/RF37	2	3.41-28.32	3.41-22.27	3.41-19.31	3.41-15.60			
R/RF37	3	24.42-134.82	24.42-105.28	24.42-48.08 61.18-90.77	24.42-32.40 39.17 61.18 73.96			
R/RF47	2	4.85-7.76 10.15-33.79	3.38-26.74	3.38-23.26	3.83-16.22 19.27	3.83-16.22	3.83-6.00 8.01-12.54	3.83-6.00 8.01-12.54
R/RF47	3	29.88-176.88	23.59-139.99	23.59-121.87	23.59-47.75 56-73 76.23-84.90 100.86	23.59-47.75		23.59-36.93
R/RF57	2	6.41-9.06 11.88-26.31	5.05-26.31	4.39-26.31	4.39-21.93	4.39-18.60	4.39-7.97 9.35-14.77	4.39-7.97 9.35-14.77
R/RF57	3	30.18-186.89	26.97-147.92	26.97-128.77	26.97-48.23 57.29 80.55-89.71 106.58	26.97-48.23 80.55-89.71	26.97-37.30	26.97-37.30
R/RF67	2	6.27-7.79 12.70-28.13	4.93-7.79 10.00-28.13	4.93-28.13	4.29-23.44	4.29-19.89	4.29-15.79	4.29-15.79

R 斜齿轮减速机/R Helical Geared Motors

续 表

减速机型号 Gear motor size	级 Stages	D63/71 (0.12-0.37KW)	D80 (0.55-0.75KW)	D90 (1.1-1.5KW)	D100 (2.2-3.0KW)	D112 (4.0KW)	D132S (5.5KW)	D132M (7.5KW)
R/RF67	3	32.27-199.81	28.83-158.14	28.83-137. 67	28.83-51.56 61.26-95.91 113.94	28.83-51.56 69.75-95.91	28.83-39.88 69.75-74.17	28.83-39.88 69.75-74.17
R/RF77	2	8.59 15.60-23.37	6.79-8.59 12.33-23.37	5.31-23.37	5.31-23.37	5.31-23.37	5.31-18.80	5.31-18.80
R/RF77	3	36.83-195.24	29.00-166.59	25.23-145.67	25.23-121.42	25.23-102. 99	25.23-45.81 65.77-81.80	25.23-45.81 65.77-81.80
R/RF87	2		19.10-34.40	7.13-9.14 13.33-34.40	5.30-34.40	5.30-34.40	5.30-27.84	5.30-27.84
R/RF87	3		41.74-246.54	27.88-216.54	27.88-181.77	27.88-155.34	27.88-63.68 81.92-124.97	27.88-63.68 81.92-124.97
R/RF97	2		22.37-32.05	9.29 16.17-32.05	7.12-9.26 12.39-32.05	7.12-9.29 12.39-32.05	4.53-32.05	4.53-32.05
R/RF97	3		53.21-65.21 103.44-289.74	37.13-255.71	27.58-216.28	27.58-150.78	27.58-150.78	27.58-150.78
R/RF107	2				15.65-30.77	10.13-30.77 5.82-7.86	5.82-7.86 10.13-30.77	5.82-7.86 10.13-30.77
R/RF107	3					40.37-251.15	29.49-203.16	29.49-203.16
R/RF137	2						7.59 12.83-29.57	7.59 12.83-29.57
R/RF137	3						32.91-222.60	32.91-222.60

续 表

减速机型号 Gear motor size	级 Stages	D132ML (9.2KW)	D160M (11KW)	D160L (15KW)	D180 (18.5KW)	D200 (0000KW)	D225 (0000KW)	D250 (0000KW)
R/RF77	2	5.31-7.74 9.64-14.05	5.31-7.74 9.64-14.05					
R/RF77	3	25.31-7.47	25.31-7.74			30KW	37KW	45KW
R/RF87	2	5.30-21.51	5.30-21.51	5.30-21.51	5.30-17.08			
R/RF87	3	27.88-47.58 81.92-93.38	27.88-47.58 81.92-93.38	27.88-47.58 81.92-93.38	27.88-36.84			
R/RF97	2	4.50-25.03	4.50-25.03	4.50-25.03	4.50-20.14	4.50-16.17		
R/RF97	3	27.85-59.92 72.17-116.48	27.85-59.92 72.17-116.48	27.85-59.92 72.17-116.48	27.58-47.58 72.17-92.48	27.58-37.13 72.17		
R/RF107	2	4.92-30.77	4.92-30.77	4.92-30.77	4.92-24.90	4.92-20.07	4.92-20.07	
R/RF107	3	29.49-158.68	29.49-158.68	29.49-158.68	29.49-65.60 78.57-127.68	29.49-52.68	78.57-102.53	
R/RF137	2	6.38-7.59 10.79-29.57	6.38-7.59 10.79-29.57	6.38-7.59 10.79-29.57	5.15-29.57	5.15-24.12	5.15-24.12	5.15-19.04
R/RF137	3	27.83-174.40	27.83-174.40	28.83-174.40	27.83-141.12	27.83-65.20 88.70-113.72	27.83-65.20 88.70-113.72	27.83-50.86 88.70
R/RF147	2	7.25 11.99-20.44	7.25 11.99-20.44	7.25 11.99-20.44	5.89-7.25 9.74-20.44	5.00-20.44	5.00-20.44	5.00-20.44
R/RF147	3	29.95-163.31	29.95-163.31	29.95-163.31	24.19-146-91	24.19-119.86	24.19-119.86	72.09-94.60
R/RF167	2		14.48-46.00	14.48-46.00	11.99-37.74	10.24-30.71	10.24-30.71	10.24-24.57
R/RF167	3		34.41-229.71	34.41-229.71	27.96-186.93	23.71-153.07	23.71-153.07	23.71-58.65 82.91-121.81

5.3 速比与最大扭矩
5.3 Ratio and max torque

R37-57 n_a=1400 r/min

R37 200Nm				
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
134.82	10	200	4950	AD1
123.66	11	200	4950	
105.28	13	200	4950	
90.77	15	200	4950	
84.61	17	200	4950	
73.96	19	200	4950	
69.33	20	200	4950	
61.18	23	200	4950	
55.76	25	200	4950	
48.08	29	200	4950	AD2
44.81	31	200	4950	
39.17	36	200	4760	
36.72	38	200	4540	
32.40	43	200	4120	
28.73	49	200	3740	
24.43	57	200	3240	
2-stage				
28.32	49	200	3690	AD2
26.03	54	185	3860	
22.27	63	200	2970	
19.31	73	200	2570	
18.05	78	200	2390	
15.60	90	200	2010	
13.25	106	190	1880	
11.83	118	183	1810	
10.11	138	170	1820	
9.47	148	167	1760	
7.97	176	156	1720	
6.67	210	144	1000	
5.67	247	142	760	
5.06	277	135	790	
4.32	324	126	820	
4.05	346	122	850	
3.41	411	112	900	

R47 300Nm				
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
176.88	7.9	300	5420	AD2
162.94	8.6	300	5420	
139.99	10	300	5420	
121.87	11	300	5420	
114.17	12	300	5420	
100.86	14	300	5420	
93.68	15	300	5420	
84.90	16	300	5420	
76.23	18	300	5420	
68.54	20	300	5420	
64.21	22	300	5420	
56.73	25	300	5420	
52.69	27	300	5420	
47.75	29	300	5150	
42.87	33	300	4930	
36.93	38	300	4630	
34.73	40	300	4520	
29.88	47	300	4240	
26.70	52	300	4050	
23.59	59	300	3840	
2-stage				
33.79	41	240	4690	AD2
31.12	45	220	4610	
26.74	52	300	4050	
23.28	60	300	3820	
21.81	64	300	3710	
19.27	73	295	3530	
17.89	78	290	3390	
16.22	86	275	3350	
14.56	96	265	3230	
12.54	112	250	3080	
11.79	119	245	3020	
10.15	138	230	2890	
9.07	154	220	2780	
8.01	175	205	2690	
7.76	180	163	2720	
6.96	201	159	2620	
6.00	233	156	2740	
5.64	248	155	2410	
4.85	289	150	2280	
4.34	323	146	2190	
3.83	366	144	2090	AD3

R57 450Nm				
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
186.89	7.5	450	7110	AD2
172.17	8.1	450	7110	
147.92	9.5	450	7110	
128.77	11	450	7110	
120.63	12	450	7110	
106.58	13	450	7110	
98.99	14	450	7110	
89.71	16	450	7110	
80.55	17	450	7110	
69.23	20	450	7110	
64.85	22	450	6980	
57.29	24	450	6630	
53.22	26	450	6430	
48.23	29	450	6170	
43.30	32	450	5900	
37.30	38	450	5530	
35.07	40	450	5390	
30.18	46	450	5050	
26.97	52	450	4800	
2-stage				
26.31	53	450	4750	AD2
24.99	56	450	4640	
21.93	64	450	4370	
18.60	75	450	4050	
16.79	83	450	3860	
14.77	95	435	3690	
13.95	100	430	3610	AD3
11.88	118	405	3430	
10.79	130	390	3330	
9.35	150	370	3180	
9.06	155	375	2010	
7.97	176	355	2020	
7.53	186	350	1950	
6.41	218	335	1770	
5.82	241	320	1820	
5.05	277	305	1730	
4.39	319	280	1900	

R 斜齿轮减速机/R Helical Geared Motors

R67-87 n_a=1400 r/min

R67 600Nm

i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
199.81	7.0	600	7170	
184.07	7.6	600	7170	
158.14	8.9	600	7170	
138.67	10	600	7170	
128.97	11	600	7170	
113.94	12	600	7170	
105.83	13	600	7170	
95.91	15	600	7170	
86.11	16	600	7170	
74.17	19	600	7170	AD2
69.75	20	600	7170	
61.26	23	600	7170	
56.89	25	600	7170	
51.56	27	600	7170	
46.29	30	600	7170	
39.88	35	580	7410	
37.50	37	570	7530	
32.27	43	540	7850	
28.83	49	520	8050	
2-stage				
28.13	50	540	7850	
26.72	53	540	7850	AD2
23.44	60	560	7640	
19.89	70	600	7170	
17.95	78	590	7290	
15.79	89	560	7130	
14.91	94	550	6980	
12.70	110	520	6650	
11.54	121	500	6500	
10.00	140	470	6220	AD3
8.70	161	440	5960	
7.79	180	380	5830	
7.36	190	370	5790	
6.27	223	330	5590	
5.70	246	310	5450	
4.93	284	290	5210	
4.29	326	270	5000	

R77 820Nm

i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
195.24	7.2	820	9920	
166.59	8.4	820	9920	
145.67	9.6	820	9920	
138.39	10	820	9920	
121.42	12	820	9920	
102.99	14	820	9920	
92.97	15	820	9920	
81.80	17	820	9920	AD2
77.24	18	820	9920	
65.77	21	820	9920	
57.68	24	820	9920	
52.07	27	820	9920	
45.81	31	820	9920	
43.26	32	820	9920	
36.83	38	820	9920	
33.47	42	820	9920	
29.00	48	820	9920	
25.23	55	780	10100	
2-stage				
23.37	60	820	8870	
21.43	65	820	8250	
18.80	74	780	7980	
17.82	79	780	7620	
15.60	90	740	7390	AD3
14.05	100	720	7050	
12.33	114	690	6740	
10.88	129	660	6490	
9.64	145	630	6300	
8.59	163	630	4110	
7.74	181	610	3940	
6.79	206	580	3850	AD4
5.99	234	540	3990	
5.31	264	510	3990	

R87 1550Nm

i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
246.54	5.7	1550	16900	
216.54	6.5	1550	16900	
205.71	6.8	1550	16900	
181.77	7.7	1550	16900	
155.34	9.0	1550	16900	
142.41	9.8	1550	16900	
124.97	11	1550	16900	
118.43	12	1550	16900	AD2
103.65	14	1550	16900	
93.38	15	1550	16900	
81.92	17	1550	16900	
72.57	19	1550	16900	
63.68	22	1550	15800	
60.35	23	1550	15200	
52.82	27	1550	13500	
47.58	29	1550	16900	
41.74	34	1550	16900	
36.84	38	1550	16800	
32.66	43	1550	16000	AD3
27.88	50	1550	15100	
2-stage				
34.40	41	1550	9480	AD3
31.40	45	1550	7820	
27.80	50	1550	15000	
23.40	60	1550	13900	
21.51	65	1550	13600	
19.10	73	1440	13000	
17.08	82	1390	12600	AD4
15.35	91	1340	12100	
13.33	105	1280	11600	
11.93	117	1230	11200	
9.90	141	1180	10400	
9.14	153	1210	10500	
8.22	170	1160	10200	
7.13	196	1070	9780	Ad5
6.39	218	1020	9450	
5.30	254	910	8980	

R97-107 n_a=1400 r/min

R97 3000Nm

i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
289.74	4.8	3000	19800	
255.71	5.5	3000	19800	
241.25	5.8	3000	19800	
216.28	6.5	3000	19800	
186.30	7.5	3000	19800	
170.02	8.2	3000	19800	
150.78	9.3	3000	19800	
126.75	11	3000	19800	AD3
116.48	12	3000	19800	
103.44	14	3000	19800	
92.48	15	3000	19800	
83.15	17	3000	19800	
72.17	19	3000	19800	
65.21	21	3000	19800	
59.92	23	3000	19800	
53.21	26	3000	19800	
47.58	29	3000	19800	
42.78	33	3000	19800	
37.13	38	3000	18600	AD4
33.25	42	2890	17900	
27.58	51	2670	16900	
2-stage				
32.05	44	2560	10600	AD4
27.19	51	2560	8380	
25.03	56	2830	15900	
22.37	63	2720	15300	
20.14	70	2610	14800	
18.24	77	2500	14400	
16.17	87	2400	13800	
14.62	96	2300	13400	AD5
12.39	113	2190	12700	
10.83	129	2090	12100	
9.29	151	2030	12200	
8.39	167	2030	11700	
7.12	197	2000	10900	
6.21	225	1890	10500	
5.20	269	1780	9850	AD6
4.50	311	1630	9500	

R107 4300Nm

i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
251.15	5.6	4300	29500	
229.95	6.1	4300	29500	
203.16	6.9	4300	29500	
172.34	8.1	4300	29500	
158.68	8.8	4300	29500	
141.83	9.9	4300	29500	AD3
127.68	10	4300	29500	
115.63	12	4300	29500	
102.53	14	4300	29500	
92.70	15	4300	29500	
78.57	18	4300	29500	
72.88	19	4300	29500	
65.60	21	4300	29200	
59.41	24	4300	28000	
52.68	27	4300	26600	
47.63	29	4300	25500	AD4
40.37	35	4300	23800	
35.26	40	4300	22400	
29.49	47	4300	20700	
2-stage				
30.77	45	4300	21100	
27.58	51	4300	20100	
24.90	56	4300	19200	
22.62	62	4300	18300	AD4
20.07	70	4300	17300	
18.21	77	4300	16600	
15.65	89	4300	15400	
13.66	102	4300	14400	
11.59	121	4300	13300	
10.13	138	4300	12400	AD5
8.56	164	4300	11300	
7.86	178	2970	13800	
6.66	210	2970	12800	
5.82	241	2970	12100	
4.92	285	2900	11300	

R47/RF37 n_a=1400 r/min

R47/RF37 300Nm

i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
13598	0.10	300	5420
12472	0.11	300	5420
10619	0.13	300	5420
9155	0.15	300	5420
8534	0.16	300	5420
7460	0.19	300	5420
6993	0.20	300	5420
6171	0.23	300	5420
5624	0.25	300	5420
4849	0.29	300	5420
4520	0.31	300	5420
3951	0.35	300	5420
3704	0.38	300	5420
3268	0.43	300	5420
2898	0.48	300	5420
2856	0.49	300	5420
2625	0.53	300	5420
2598	0.54	300	5420
2463	0.57	300	5420
2383	0.59	300	5420
2246	0.62	300	5420
2029	0.69	300	5420
1948	0.72	300	5420
1821	0.77	300	5420
1749	0.80	300	5420
1630	0.86	300	5420
1573	0.89	300	5420
1425	0.98	300	5420
1336	1.0	300	5420
1193	1.2	300	5420
1179	1.2	300	5420
1074	1.3	300	5420
1020	1.4	300	5420
955	1.5	300	5420
927	1.5	300	5420
863	1.6	300	5420
804	1.7	300	5420
755	1.9	300	5420
708	2.0	300	5420
673	2.1	300	5420
624	2.2	300	5420
572	2.4	300	5420
554	2.5	300	5420
546	2.6	300	5420
510	2.7	300	5420
502	2.8	300	5420
471	3.0	300	5420
436	3.2	300	5420
429	3.3	300	5420
408	3.4	300	5420
372	3.8	300	5420
348	4.0	300	5420
344	4.1	300	5420
301	4.7	300	5420
255	5.5	300	5420
228	6.1	300	5420
195	7.2	300	5420
182	7.7	300	5420
154	9.1	300	5420
129	11	300	5420
109	13	300	5420
98	14	300	5420

R 斜齿轮减速机/R Helical Geared Motors

R137/147/167 n_a=1400 r/min

R137				8000N.m
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
222.6	6.3	8000	53400	
188.45	7.4	8000	53400	
174.4	8	8000	53400	
156.31	9	8000	53400	
141.12	9. 9	8000	53400	
128.18	11	8000	53400	
113.72	12	8000	53400	AD4
103.2	14	8000	53400	
88.7	16	8000	53400	
80.91	17	8000	53400	
73.49	19	8000	53400	
65.2	21	8000	53400	
59.17	24	8000	53400	
50.86	28	8000	53400	
44.39	32	8000	53400	
37.65	37	8000	53400	AD5
32.91	43	8000	53400	
27.83	50	7680	54100	
2-stage				
29.57	47	7780	53900	AD6
24.12	58	8000	49400	
22. 00	64	8000	47100	
19.04	74	8000	43500	
16.80	83	8000	40600	
14.51	96	8000	37300	
12.83	109	8000	34700	AD7
10.79	130	8000	31100	
8.71	161	7840	27600	
7.59	184	5110	39000	
6.38	219	5110	35900	
5.15	272	4600	34500	

R147				13000N.m
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
163.31	8.6	13000	62700	
146.91	9.5	13000	62700	
119.86	12	13000	62700	AD4
109.31	13	13000	62700	
94.6	15	13000	62700	
83.47	17	13000	62700	
72.09	19	13000	62700	
66.99	21	13000	62700	
61.09	23	13000	62700	AD5
52.87	26	13000	62700	
46.65	30	13000	62700	
40.29	35	13000	62700	AD6
35.64	39	13000	62700	
29.95	47	13000	62700	AD7
24.19	58	11900	64700	
2-stage				
20.44	68	12000	64600	
18.04	78	10500	67000	
15.64	90	13000	62700	
13.91	101	12600	63400	
11.99	117	13000	60400	AD8
9.74	144	13000	54400	
8.26	169	13000	49900	
7.25	193	8670	58400	
5.89	238	8670	53200	
5. 00	280	8670	49300	

R167				18000N.m
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	AD
3-stage				
229.71	6.1	18000	120000	
186.93	7.5	18000	120000	
153.07	9.1	18000	120000	
139.98	10	18000	120000	
121.81	11	18000	120000	AD5
107.49	13	18000	120000	
93.19	15	18000	120000	
82.91	17	18000	120000	
73.70	19	18000	120000	
67.40	21	18000	120000	
58.65	24	18000	120000	AD6
51.76	27	18000	120000	
44.87	31	18000	120000	
39.92	35	18000	120000	AD7
34.41	41	18000	120000	
27.96	50	18000	120000	AD8
23.71	59	18000	116500	
2-stage				
46.00	30	7000	120000	AD5
37.74	37	9000	120000	AD6
30. 71	46	10000	120000	
24.57	57	14000	120000	
21.85	64	13000	120000	
19.03	74	16000	111400	
16.98	82	15000	108900	AD8
14.48	97	18000	93800	
11.99	117	17000	88700	
10.24	137	17000	82500	

R57/67/77/RF37 n_a=1400 r/min

R57/RF37				450Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	
14369	0.10	450	7110	
12095	0.12	450	7110	
10860	0.13	450	7110	
9445	0.15	450	7110	
8480	0.17	450	7110	
7312	0.19	450	7110	
6521	0.21	450	7110	
5585	0.25	450	7110	
4928	0.28	450	7110	
4378	0.32	450	7110	
3873	0.36	450	7110	
3344	0.42	450	7110	
2957	0.47	450	7110	
2907	0.48	450	7110	
2567	0.55	450	7110	
2508	0.56	450	7110	
2309	0.61	450	7110	
2244	0.62	450	7110	
1991	0.70	450	7110	
1967	0.71	450	7110	
1768	0.79	450	7110	
1732	0.81	450	7110	
1555	0.90	450	7110	
1520	0.92	450	7110	
1399	1.0	450	7110	
1342	1.0	450	7110	
1189	1.2	450	7110	
1164	1.2	450	7110	
1034	1.4	450	7110	
1027	1.4	450	7110	
894	1.6	450	7110	
805	1.7	450	7110	
782	1.8	450	7110	
683	2.0	450	7110	
678	2.1	450	7110	
604	2.3	450	7110	
603	2.3	450	7110	
537	2.6	450	7110	
534	2.6	450	7110	
471	3.0	450	7110	
454	3.1	450	7110	
410	3.4	450	7110	
359	3.9	450	7110	
357	3.9	450	7110	
324	4.3	450	7110	
319	4.4	450	7110	
290	4.8	450	7110	
273	5.1	450	7110	
262	5.3	450	7110	
246	5.7	450	7110	
241	5.8	450	7110	
220	6.4	450	7110	
215	6.5	450	7110	
188	7.4	450	7110	
187	7.5	450	7110	
164	8.5	450	7110	
159	8.8	450	7110	
146	9.6	450	7110	
142	9.9	450	7110	
134	10	450	7110	

R67/RF37				600Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	
15361	0.09	600	7170	
12931	0.11	600	7170	
11996	0.12	600	7170	
10097	0.14	600	7170	
9066	0.15	600	7170	
7816	0.18	600	7170	
6732	0.21	600	7170	
5970	0.23	600	7170	
5268	0.27	600	7170	
4680	0.30	600	7170	
4136	0.34	600	7170	
3566	0.39	600	7170	
3125	0.45	600	7170	
2745	0.51	600	7170	
2682	0.52	600	7170	
2460	0.57	600	7170	
2403	0.58	600	7170	
2136	0.66	600	7170	
2094	0.67	600	7170	
1852	0.76	600	7170	
1805	0.78	600	7170	
1652	0.85	600	7170	
1629	0.86	600	7170	
1471	0.95	600	7170	
1432	0.98	600	7170	
1379	1.0	600	7170	
1259	1.1	600	7170	
1109	1.3	600	7170	
1106	1.3	600	7170	
956	1.5	600	7170	
891	1.6	600	7170	
836	1.7	600	7170	
750	1.9	600	7170	
730	1.9	600	7170	
646	2.2	600	7170	
644	2.2	600	7170	
574	2.4	600	7170	
571	2.5	600	7170	
495	2.8	600	7170	
486	2.9	600	7170	
443	3.2	600	7170	
438	3.2	600	7170	
388	3.6	600	7170	
384	3.6	600	7170	
359	3.9	600	7170	
344	4.1	600	7170	
310	4.5	600	7170	
294	4.8	600	7170	
264	5.3	600	7170	
261	5.4	600	7170	
235	6.0	600	7170	
234	6.0	600	7170	
201	7.0	600	7170	
200	7.0	600	7170	
181	7.7	600	7170	
181	7.7	600	7170	
176	8.0	600	7170	
159	8.8	600	7170	
158	8.9	600	7170	

R77/RF37				820Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]	
16370	0.09	820	9920	
15015	0.09	820	9920	
13885	0.10	820	9920	
12783	0.11	820	9920	
11021	0.13	820	9920	
9788	0.14	820	9920	
8714	0.16	820	9920	
7617	0.18	820	9920	
6770	0.21	820	9920	
5838	0.24	820	9920	
5184	0.27	820	9920	
4470	0.31	820	9920	
3999	0.35	820	9920	
3488	0.40	820	9920	
3151	0.44	820	9920	
3053	0.46	820	9920	
2890	0.48	820	9920	
2671	0.52	820	9920	
2460	0.57	820	9920	
2345	0.60	820	9920	
2121	0.66	820	9920	
2070	0.68	820	9920	
1977	0.71	820	9920	
1822	0.77	820	9920	
1728	0.81	820	9920	
1620	0.86	820	9920	
1580	0.89	820	9920	
1430	0.98	820	9920	
1394	1.0	820	9920	
1303	1.1	820	9920	
1218	1.1	820	9920	
1124	1.2	820	9920	
1084	1.3	820	9920	
1047	1.3	820	9920	
940	1.5	820	9920	
915	1.5	820	9920	
858	1.6	820	9920	
821	1.7	820	9920	
757	1.8	820	9920	
731	1.9	820	9920	
671	2.1	820	9920	
646	2.2	820	9920	
571	2.5	820	9920	
560	2.6	820	9920	
520	2.7	820	9920	
488	2.9	820	9920	
451	3.1	820	9920	
436	3.2	820	9920	
422	3.3	820	9920	
373	3.8	820	9920	
365	3.8	820	9920	
327	4.3	820	9920	
310	4.5	820	9920	
289	4.8	820	9920	
276	5.1	820	9920	
260	5.4	820	9920	
236	5.9	820	9920	
224	6.2	820	9920	
221	6.3	820	9920	
197	7.1	820	9920	
186	7.5	820	9920	
169	8.3	820	9920	
149	9.4	820	9920	

R 斜齿轮减速机/R Helical Geared Motors

R87/97/RF57,R107/RF77 n_a=1400 r/min

R87/FR57			1550Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
17452	0.08	1550	16900
15310	0.09	1550	16900
13813	0.10	1550	16900
12025	0.12	1550	16900
10549	0.13	1550	16900
9244	0.15	1550	16900
8109	0.17	1550	16900
7038	0.20	1550	16900
6174	0.23	1550	16900
5449	0.26	1550	16900
4831	0.29	1550	16900
4206	0.33	1550	16900
4020	0.35	1550	16900
3744	0.37	1550	16900
3703	0.38	1550	16900
3233	0.43	1550	16900
3182	0.44	1550	16900
2873	0.49	1550	16900
2770	0.51	1550	16900
2595	0.54	1550	16900
2518	0.56	1550	16900
2209	0.63	1550	16900
2129	0.66	1550	16900
1961	0.71	1550	16900
1930	0.73	1550	16900
1737	0.81	1550	16900
1733	0.81	1550	16900
1524	0.92	1550	16900
1489	0.94	1550	16900
1395	1.0	1550	16900
1303	1.1	1550	16900
1232	1.1	1550	16900
1145	1.2	1550	16900
1143	1.2	1550	16900
1037	1.4	1550	16900
1008	1.4	1550	16900
994	1.4	1550	16900
931	1.5	1550	16900
885	1.6	1550	16900
881	1.6	1550	16900
802	1.7	1550	16900
776	1.8	1550	16900
754	1.9	1550	16900
685	2.0	1550	16900
649	2.2	1550	16900
599	2.3	1550	16900
580	2.4	1550	16900
538	2.6	1550	16900
525	2.7	1550	16900
472	3.0	1550	16900
456	3.1	1550	16900
400	3.5	1550	16900
398	3.5	1550	16900
361	3.9	1550	16900
352	4.0	1550	16900
305	4.6	1550	16900
300	4.7	1550	16900
268	5.2	1550	16900
256	5.5	1550	16900
236	5.9	1550	16900
232	6.0	1550	16900
232	6.0	1550	16900
209	6.7	1550	16900
195	7.2	1550	16900

R97/RF57			3000Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
21769	0.06	3000	19800
19332	0.07	3000	19800
17230	0.08	3000	19800
14999	0.09	3000	19800
13320	0.11	3000	19800
11156	0.13	3000	19800
10030	0.14	3000	19800
8706	0.16	3000	19800
7692	0.18	3000	19800
6708	0.21	3000	19800
5931	0.24	3000	19800
5161	0.27	3000	19800
4678	0.30	3000	19800
4559	0.31	3000	19800
4309	0.32	3000	19800
4004	0.35	3000	19800
3702	0.38	3000	19800
3481	0.40	3000	19800
3065	0.46	3000	19800
3019	0.46	3000	19800
2722	0.51	3000	19800
2668	0.52	3000	19800
2311	0.61	3000	19800
2245	0.62	3000	19800
2078	0.67	3000	19800
2016	0.69	3000	19800
1823	0.77	3000	19800
1733	0.81	3000	19800
1623	0.86	3000	19800
1583	0.88	3000	19800
1434	0.98	3000	19800
1396	1.0	3000	19800
1228	1.1	3000	19800
1207	1.2	3000	19800
1084	1.3	3000	19800
1069	1.3	3000	19800
938	1.5	3000	19800
934	1.5	3000	19800
878	1.6	3000	19800
824	1.7	3000	19800
755	1.9	3000	19800
737	1.9	3000	19800
632	2.2	3000	19800
625	2.2	3000	19800
560	2.5	3000	19800
549	2.6	3000	19800
484	2.9	3000	19800
466	3.0	3000	19800
431	3.2	3000	19800
420	3.3	3000	19800
379	3.7	3000	19800
370	3.8	3000	19800
349	4.0	3000	19800
336	4.2	3000	19800
297	4.7	3000	19800
296	4.7	3000	19800
270	5.2	3000	19800
249	5.6	3000	19800
234	6.0	3000	19800
227	6.2	3000	19800
209	6.7	3000	19800
249	5.6	3000	19800

R107/RF77			4300Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
20018	0.07	4300	29500
17080	0.08	4300	29500
14936	0.09	4300	29500
12829	0.11	4300	29500
11256	0.12	4300	29500
9547	0.15	4300	29500
8618	0.16	4300	29500
7583	0.18	4300	29500
6743	0.21	4300	29500
5914	0.24	4300	29500
5168	0.27	4300	29500
4435	0.32	4300	29500
3918	0.36	4300	29500
3896	0.36	4300	29500
3432	0.41	4300	29500
3343	0.42	4300	29500
3039	0.46	4300	29500
3034	0.46	4300	29500
2688	0.52	4300	29500
2653	0.53	4300	29500
2339	0.60	4300	29500
2280	0.61	4300	29500
2067	0.68	4300	29500
1987	0.70	4300	29500
1827	0.77	4300	29500
1693	0.83	4300	29500
1599	0.88	4300	29500
1550	0.90	4300	29500
1407	1.0	4300	29500
1400	1.0	4300	29500
1226	1.1	4300	29500
1209	1.2	4300	29500
1104	1.3	4300	29500
1055	1.3	4300	29500
939	1.5	4300	29500
919	1.5	4300	29500
822	1.7	4300	29500
815	1.7	4300	29500
717	2.0	4300	29500
626	2.2	4300	29500
614	2.3	4300	29500
544	2.6	4300	29500
528	2.7	4300	29500
492	2.8	4300	29500
469	3.0	4300	29500
426	3.3	4300	29500
417	3.4	4300	29500
377	3.7	4300	29500
369	3.8	4300	29500
325	4.3	4300	29500
323	4.3	4300	29500
285	4.9	4300	29500
284	4.9	4300	29500
256	5.5	4300	29500
253	5.5	4300	29500
220	6.4	4300	29500
214	6.5	4300	29500
193	7.3	4300	29500
187	7.5	4300	29500
172	8.1	4300	29500

R137/R147/RF77 n_a=1400 r/min

R137/RF77			8000Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
22203	0.06	8000	53400
18945	0.07	8000	53400
16566	0.08	8000	53400
14777	0.09	8000	53400
12921	0.11	8000	53400
11712	0.12	8000	53400
10573	0.13	8000	53400
8784	0.16	8000	53400
7479	0.19	8000	53400
6559	0.21	8000	53400
5834	0.24	8000	53400
5116	0.27	8000	53400
4709	0.30	8000	53400
4464	0.31	8000	53400
4018	0.35	8000	53400
3928	0.36	8000	53400
3514	0.40	8000	53400
3454	0.41	8000	53400
3338	0.42	8000	53400
2993	0.47	8000	53400
2929	0.48	8000	53400
2658	0.53	8000	53400
2484	0.56	8000	53400
2412	0.58	8000	53400
2242	0.62	8000	53400
2073	0.68	8000	53400
1863	0.75	8000	53400
1839	0.76	8000	53400
1598	0.88	8000	53400
1586	0.88	8000	53400
1397	1.0	8000	53400
1391	1.0	8000	53400
1256	1.1	8000	53400
1226	1.1	8000	53400
1105	1.3	8000	53400
1090	1.3	8000	53400
1043	1.3	8000	53400
951	1.5	8000	53400
888	1.6	8000	53400
831	1.7	8000	53400
730	1.9	8000	53400
699	2.0	8000	53400
629	2.2	8000	53400
609	2.3	8000	53400
564	2.5	8000	53400
560	2.5	8000	53400
517	2.7	8000	53400
490	2.9	8000	53400
453	3.1	8000	53400
428	3.3	8000	53400
381	3.7	8000	53400
376	3.7	8000	53400
339	4.1	8000	53400
323	4.3	8000	53400
297	4.7	8000	53400
291	4.8	8000	53400
255	5.5	8000	53400
223	6.3	8000	53400
197	7.1	8000	53400
175	8.0	8000	53400

R147/RF77			13000Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
23401	0.06	13000	62700
21342	0.07	13000	62700
18210	0.08	13000	62700
15923	0.09	13000	62700
14075	0.10	13000	62700
12344	0.11	13000	62700
11143	0.13	13000	62700
9743	0.14	13000	62700
8443	0.17	13000	62700
7307	0.19	13000	62700
6447	0.22	13000	62700
5568	0.25	13000	62700
4926	0.28	13000	62700
4325	0.32	13000	62700
3754	0.37	13000	62700
3302	0.42	13000	62700
2898	0.48	13000	62700
2555	0.55	13000	62700
2211	0.63	13000	62700
1951	0.72	13000	62700
1705	0.82	13000	62700
1536	0.91	13000	62700
1329	1.1	13000	62700
1166	1.2	13000	62700
1029	1.4	13000	62700
889	1.6	13000	62700
784	1.8	13000	62700
695	2.0	13000	62700
619	2.3	13000	62700
558	2.5	13000	62700
489	2.9	13000	62700
415	3.4	13000	62700

R 斜齿轮减速机/R Helical Geared Motors

R147/RF87,R167/RF97,R167/RF107 n_a=1400 r/min

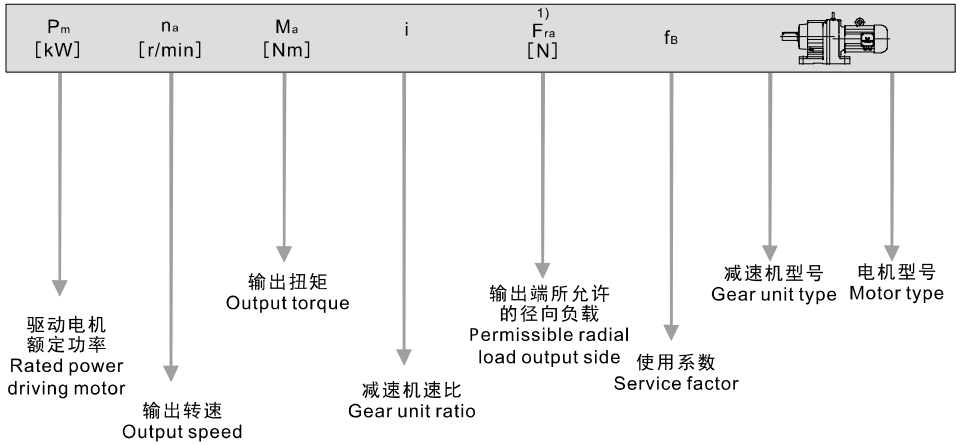
R147/RF87			13000Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
533	2.6	13000	62700
462	3.0	13000	62700
426	3.3	13000	62700
368	3.8	13000	62700
326	4.3	13000	62700
280	5.0	13000	62700
247	5.7	13000	62700
214	6.5	13000	62700
189	7.4	13000	62700
159	8.8	13000	62700

R167/RF97			18000Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
27001	0.05	18000	120000
22482	0.06	18000	120000
20002	0.07	18000	120000
17361	0.08	18000	120000
15446	0.09	18000	120000
14051	0.10	18000	120000
11812	0.12	18000	120000
10509	0.13	18000	120000
9631	0.15	18000	120000
7749	0.18	18000	120000
6894	0.20	18000	120000
6077	0.23	18000	120000
5407	0.26	18000	120000
4650	0.30	18000	120000
4129	0.34	18000	120000
3692	0.38	18000	120000
3099	0.45	18000	120000
2657	0.53	18000	120000
2333	0.60	18000	120000
2085	0.67	18000	120000
1877	0.75	18000	120000
1670	0.84	18000	120000
1438	0.97	18000	120000
1279	1.1	18000	120000
1123	1.2	18000	120000
999	1.4	18000	120000
861	1.6	18000	120000
760	1.8	18000	120000
656	2.1	18000	120000
579	2.4	18000	120000
503	2.8	18000	120000
432	3.2	18000	120000
376	3.7	18000	120000
335	4.2	18000	120000
303	4.6	18000	120000
279	5.0	18000	120000

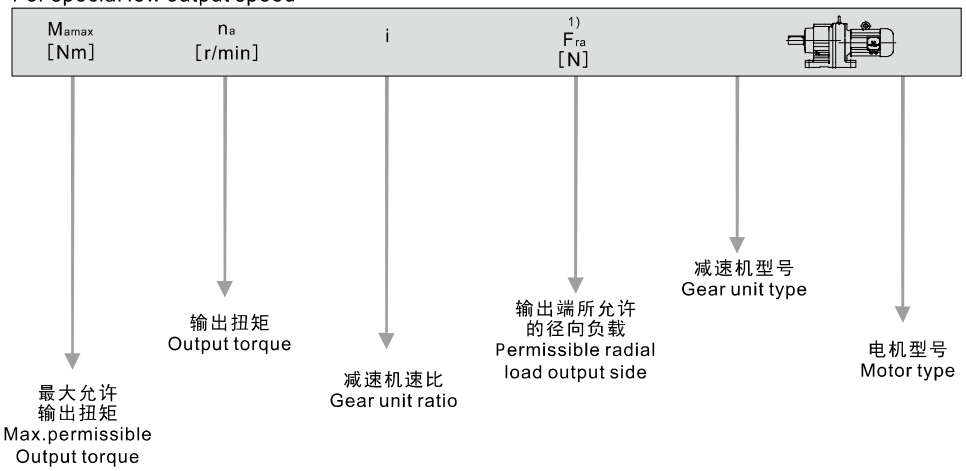
R167/RF107			18000Nm
i	n_a [r/min]	M_{amax} [N.m]	F_{ra} [N]
3637	0.38	18000	120000
3330	0.42	18000	120000
2757	0.51	18000	120000
2436	0.57	18000	120000
2298	0.61	18000	120000
2066	0.68	18000	120000
1849	0.76	18000	120000
1674	0.84	18000	120000
1485	0.94	18000	120000
1342	1.0	18000	120000
1229	1.1	18000	120000
1111	1.3	18000	120000
950	1.5	18000	120000
860	1.6	18000	120000
763	1.8	18000	120000
690	2.0	18000	120000
585	2.4	18000	120000
511	2.7	18000	120000
446	3.1	18000	120000
399	3.5	18000	120000
361	3.9	18000	120000
349	4.0	18000	120000
328	4.3	18000	120000
295	4.7	18000	120000
291	4.8	18000	120000
270	5.2	18000	120000
264	5.3	18000	120000
229	6.1	18000	120000
227	6.2	18000	120000
200	7.0	18000	120000
198	7.1	18000	120000
169	8.3	18000	120000
168	8.3	18000	120000

5.4 选型表注释
5.4 Selection table

选型表的结构
Selection table for gear motors



对于特殊低输出转速
For special low output speed



图例 Cuttine
※也可用于EExe电机。 ※ EEXE motor also applicable.
1）实心轴底脚安装减速机的径向负荷
1）Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.

R 斜齿轮减速机/R Helical Geared Motors

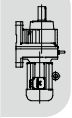
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
0.06	14300	21342	58600	0.90	
0.08	12000	18210	64500	1.10	R147/RF77 WSS0.12KW-4
0.09	10300	15923	67300	1.25	RF147/RF77 WSS0.12KW-4
0.10	9440	14075	68600	1.40	
0.11	7630	12344	70700	1.70	
0.12	6780	11143	71500	1.90	
0.14	6020	9743	72200	2.2	R147/RF77 WSS0.12KW-4
0.16	4960	8443	73000	2.6	RF147/RF77 WSS0.12KW-4
0.19	4290	7307	73400	3.0	
0.21	3780	6447	73700	3.4	
0.25	3270	5568	73900	4.0	
0.11	8390	12921	52300	0.95	
0.12	7240	11712	54900	1.10	
0.13	6430	10573	56400	1.25	
0.16	5160	8784	58200	1.55	R137/RF77 WSS0.12KW-4
0.18	4270	7479	59200	1.85	RF137/RF77 WSS0.12KW-4
0.21	4060	6559	59500	1.95	
0.24	3330	5834	60100	2.4	
0.27	3160	5116	60200	2.5	
0.18	4500	7583	28300	0.95	
0.20	3850	6743	31700	1.10	
0.23	3660	5914	32500	1.20	R107/RF77 WSS0.12KW-4
0.27	2950	5168	35100	1.45	RF107/RF77 WSS0.12KW-4
0.31	2600	4435	36000	1.65	
0.35	2310	3896	36400	1.85	
0.45	1880	3039	36900	2.3	
0.35	2670	3918	35900	1.60	
0.41	2240	3343	36500	1.90	
0.45	2030	3034	36700	2.1	R107/RF77 WSS0.12KW-4
0.52	1750	2653	37000	2.5	RF107/RF77 WSS0.12KW-4
0.61	1500	2280	37200	2.9	
0.67	1300	2067	37400	3.3	
0.30	2950	4559	21300	1.00	R97/RF57 WSS0.12KW-4
0.34	2500	4004	24100	1.20	RF97/RF57 WSS0.12KW-4
0.40	2200	3481	25500	1.35	
0.29	3240	4678	3970	0.90	
0.32	2970	4309	21000	1.00	
0.37	2510	3702	24000	1.20	
0.46	2010	3019	26400	1.50	R97/RF57 WSS0.12KW-4
0.52	1750	2668	27300	1.70	RF97/RF57 WSS0.12KW-4
0.61	1440	2245	27700	2.1	
0.68	1280	2016	27900	2.3	
0.80	1160	1733	28100	2.6	
0.45	2020	3065	26300	1.50	
0.51	1790	2722	27100	1.65	
0.60	1510	2311	27600	2.0	
0.66	1360	2078	27800	2.2	R97/RF57 WSS0.12KW-4
0.76	1170	1823	28100	2.6	RF97/RF57 WSS0.12KW-4
0.87	1020	1583	28200	3.0	
0.99	860	1396	28300	3.5	
1.1	740	1228	28400	4.1	
0.48	1740	2873	15500	0.90	R87/RF57 WSS0.12KW-4
0.70	1260	1961	18700	1.25	RF87/RF57 WSS0.12KW-4
0.50	1850	2770	10700	0.85	
0.53	1730	2595	15600	0.90	
0.65	1390	2129	18000	1.10	R87/RF57 WSS0.12KW-4
0.72	1240	1930	18800	1.25	RF87/RF57 WSS0.12KW-4
0.80	1100	1733	19400	1.40	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
0.79	1090	1737	19500	1.40	
0.91	960	1524	20000	1.60	
1.1	775	1303	20000	2.0	
1.2	680	1143	20000	2..3	R87/RF57 WSS0.12KW-4
1.6	555	885	20000	2.8	RF87/RF57 WSS0.12KW-4
1.8	485	776	20000	3.2	
2.0	430	685	20000	3.6	
2.3	345	599	20000	4.5	
0.97	950	1430	8220	0.85	
1.1	900	1303	9080	0.90	R77/RF37 WSS0.12KW-4
1.2	770	1124	10400	1.05	RF77/RF37 WSS0.12KW-4
1.3	715	1047	10800	1.15	
1.5	615	915	11500	1.35	
0.99	940	1394	8660	0.85	
1.1	785	1218	10200	1.05	
1.3	710	1084	10800	1.15	R77/RF37 WSS0.12KW-4
1.5	635	940	11400	1.30	RF77/RF37 WSS0.12KW-4
1.7	505	821	12000	1.60	
1.9	460	731	12300	1.80	
2.1	440	646	12300	1.85	
2.7	365	520	12600	2.3	
3.1	310	451	12800	2.6	R 77/RF37 WSS0.12KW-4
3.3	290	422	12800	2.8	RF77/RF37 WSS0.12KW-4
3.8	245	365	12900	3.3	
1.4	655	956	5950	0.90	
1.5	605	891	7480	1.00	
1.9	490	730	8670	1.25	R67/RF37 WSS0.12KW-4
2.1	425	644	9150	1.40	RF67/RF37 WSS0.12KW-4
2.4	375	571	9490	1.60	
2.8	315	486	9820	1.90	
1.6	565	836	7980	1.05	
1.8	476	750	8790	1.25	
2.1	420	646	9190	1.40	R67/RF37 WSS0.12KW-4
2.4	380	574	9450	1.55	RF67/RF37 WSS0.12KW-4
2.8	330	495	9740	1.80	
3.2	275	438	9990	2.2	
1.8	525	782	5710	0.85	
2.0	440	678	7160	1.05	
2.3	395	604	7330	1.15	R57/RF37 WSS0.12KW-4
2.6	360	537	7460	1.25	RF57/RF37 WSS0.12KW-4
2.9	315	471	7590	1.45	
3.9	235	357	7790	1.95	
4.3	205	319	7840	2.2	
3.8	245	359	7760	1.80	
4.3	225	324	7810	2.0	
4.8	196	290	7860	2.3	R57/RF37 WSS0.12KW-4
5.3	177	262	7890	2.5	RF57/RF37 WSS0.12KW-4
5.6	164	246	7910	2.8	
6.3	144	220	7940	3.1	
2.4	375	572	2500	0.80	
2.7	330	510	5140	0.90	R47/RF37 WSS0.12KW-4
3.2	275	436	5540	1.10	RF47/RF37 WSS0.12KW-4
3.4	255	408	5630	1.15	
4.0	210	344	5810	1.40	
2.8	355	502	3780	0.85	
3.2	300	429	5430	1.00	
3.7	255	372	5640	1.15	
4.0	240	348	5710	1.25	R47/RF37 WSS0.12KW-4
4.6	205	301	5840	1.50	RF47/RF37 WSS0.12KW-4
5.4	169	255	5950	1.75	
6.1	150	228	6000	2.0	
7.1	125	195	6050	2.4	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
4.6	250	195.24	12900	3.3	R77WSS0.12KW-6
5.4	210	166.59	13000	3.9	RF77WSS0.12KW-6
6.2	186	145.67	13000	4.4	
4.5	255	199.81	10100	2.4	
4.9	235	184.07	10100	2.6	
5.7	200	158.14	10300	3.0	R67WSS0.12KW-6
6.5	175	137.67	10300	3.4	RF67WSS0.12KW-6
7.0	164	128.97	10400	3.7	
7.9	145	113.94	10400	4.1	
6.9	166	199.81	10300	3.6	R 67 WSS0.12KW-4
7.5	153	184.07	10400	3.9	RF 67 WSS0.12KW-4
4.8	240	186.89	7780	1.90	
5.2	220	172.17	7820	2.0	
6.0	188	147.92	7870	2.4	R 57 WSS0.12KW-6
7.0	164	128.77	7910	2.7	RF 57 WSS0.12KW-6
7.5	154	120.63	7920	2.9	
8.4	136	106.58	7950	3.3	
9.1	126	98.99	7960	3.6	
7.4	155	186.89	7920	2.9	
8.0	143	172.17	7940	3.2	R 57 WSS0.12KW-4
9.3	123	147.92	7960	3.7	RF 57 WSS0.12KW-4
11	107	128.77	7980	4.2	
5.1	225	176.88	5760	1.35	
5.5	210	162.94	5830	1.45	R 47 WSS0.12KW-6
6.4	178	139.99	5920	1.70	RF 47 WSS0.12KW-6
7.4	155	121.87	5980	1.95	
7.8	147	176.88	6000	2.0	
8.5	135	162.94	6030	2.2	
9.9	116	139.99	6070	2.6	R 47 WSS0.12KW-4
11	101	121.87	6100	3.0	RF 47 WSS0.12KW-4
12	95	114.17	6110	3.2	
14	84	100.86	6120	3.6	
15	78	93.68	6130	3.9	
6.7	172	134.82	5270	1.15	
7.3	157	123.66	5410	1.25	
8.6	134	105.28	5600	1.50	R 37 WSS0.12KW-6
9.9	116	90.77	5730	1.75	RF 37 WSS0.12KW-6
11	108	84.61	5770	1.85	
12	94	73.96	5850	2.1	
10	112	134.82	5750	1.80	
11	103	123.66	5800	1.95	
13	87	105.28	5880	2.3	R 37 WSS0.12KW-4
15	75	90.77	5930	2.7	RF 37 WSS0.12KW-4
16	70	84.61	5950	2.8	
19	61	73.96	5980	3.3	
0.18kW					
0.09	15500	14075	43800	0.85	
0.11	12900	12344	62800	1.00	R147/RF77 WSS0.12KW-4
0.12	11600	11143	65300	1.10	RF147/RF77 WSS0.12KW-4
0.14	10200	9743	67500	1.25	
0.16	0.16	8550	8443	1.50	
0.18	0.18	7400	7307	1.75	
0.20	0.20	6530	6447	2.0	
0.24	0.24	5640	5568	2.3	R147/RF77 WSS0.12KW-4
0.27	0.27	5150	4926	2.5	RF147/RF77 WSS0.12KW-4
0.31	0.31	4420	4325	2.9	
0.35	0.35	3920	3754	3.3	
0.40	0.40	3380	3302	3.8	
0.15	8930	8784	49900	0.90	R137/RF77 WSS0.12KW-4
0.18	7490	7479	54400	1.05	RF137/RF77 WSS0.12KW-4
0.20	6880	6559	55600	1.15	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
0.23	5480	5834	57300	1.35	R137/RF77 WSS0.18KW-4
0.26	5370	5116	57900	1.50	RF137/RF77 WSS0.18KW-4
0.30	4540	4464	58900	1.75	
0.34	4000	3928	59500	2.0	
0.28	5260	4709	58100	1.50	
0.33	4450	4018	59000	1.80	R137/RF77 WSS0.18KW-4
0.38	3850	3514	59600	2.1	RF137/RF77 WSS0.18KW-4
0.40	3640	3338	59800	2.2	
0.45	3160	2929	60200	2.5	
0.30	4510	4435	28300	0.95	
0.34	3990	3896	31100	1.10	R107/RF77 WSS0.18KW-4
0.43	3190	3039	34300	1.35	RF107/RF77 WSS0.18KW-4
0.34	4380	3918	29000	1.00	
0.39	3700	3343	32400	1.15	
0.44	3360	3034	33700	1.30	R107/RF77 WSS0.18KW-4
0.50	2910	2653	35200	1.50	RF107/RF77 WSS0.18KW-4
0.58	2500	2280	36200	1.70	
0.64	2200	2067	36500	1.95	
0.66	2050	1987	36700	2.1	
0.72	1840	1827	36900	2.3	R107/RF77 WSS0.18KW-4
0.83	1580	1599	37200	2.7	RF107/RF77 WSS0.18KW-4
0.94	1410	1400	37300	3.1	
1.1	1210	1226	37400	3.6	
0.49	2920	2668	21500	1.05	
0.59	2420	2245	24500	1.25	
0.65	2160	2016	25700	1.40	
0.76	1920	1733	26700	1.55	
0.81	1790	1623	27200	1.70	R97/RF57 WSS0.18KW-4
0.92	1570	1434	27600	1.90	RF97/RF57 WSS0.18KW-4
1.1	1300	1207	27900	2.3	
1.2	1160	1084	28100	2.6	
1.4	990	934	28200	3.0	
1.5	920	878	28300	3.2	
1.8	782	755	28400	3.8	
0.49	2980	2722	20400	1.00	R97/RF57 WSS0.18KW-4
0.57	2520	2311	24000	1.20	RF97/RF57 WSS0.18KW-4
0.64	2270	2078	25200	1.30	
0.76	1850	1733	10800	0.85	
0.89	1650	1489	16200	0.95	
0.95	1540	1395	17000	1.00	
1.1	1350	1232	18200	1.15	R87/RF57 WSS0.18KW-4
1.1	1250	1145	18700	1.25	RF87/RF57 WSS0.18KW-4
1.3	1120	1037	19300	1.40	
1.4	1000	931	19800	1.55	
1.6	850	802	20000	1.85	
0.76	1850	1737	11200	0.85	
0.87	1620	1524	16400	0.95	
1.0	1350	1303	18200	1.15	R87/RF57 WSS0.18KW-4
1.2	1180	1143	19100	1.30	RF87/RF57 WSS0.18KW-4
1.5	940	885	20000	1.65	
1.7	830	776	20000	1.90	
1.5	950	858	8100	0.85	
1.7	830	757	9800	1.00	R77/RF37 WSS0.18KW-4
2.0	735	671	10700	1.10	RF77/RF37 WSS0.18KW-4
2.3	620	571	11400	1.35	
1.6	870	821	9480	0.95	
1.8	780	731	10300	1.05	
2.0	720	646	10800	1.15	
2.4	625	560	11400	1.30	
2.7	530	488	11900	1.55	R77/RF37 WSS0.18KW-4
3.0	470	436	12200	1.75	RF77/RF37 WSS0.18KW-4
3.5	405	373	12500	2.0	
4.0	355	327	12600	2.3	
4.6	320	289	12800	2.6	
2.3	625	571	7260	0.95	R67/RF37 WSS0.18KW-4
2.7	525	486	7350	1.15	RF67/RF37 WSS0.18KW-4

R 斜齿轮减速机/R Helical Geared Motors



输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
2.3	635	574	7140	0.95	
2.7	545	495	8160	1.10	
3.0	465	438	8860	1.30	
3.4	415	388	9250	1.45	R67/RF37 WSS0.18KW-4
3.8	380	344	9470	1.60	RF67/RF37 WSS0.18KW-4
4.5	310	294	9840	1.95	
5.1	280	261	9960	2.1	
2.9	490	454	6910	0.90	R57/RF37 WSS0.18KW-4
3.2	445	410	7130	1.00	RF57/RF37 WSS0.18KW-4
2.8	520	471	6000	0.85	
3.7	390	357	7350	1.15	
4.1	345	319	7500	1.30	R57/RF37 WSS0.18KW-4
4.8	290	273.	7650	1.55	RF57/RF37 WSS0.18KW-4
5.5	255	241	7750	1.75	
6.1	225	215	7800	2.0	
3.7	405	359	7280	1.10	
4.1	365	324	7430	1.25	
4.6	325	290	7560	1.40	
5.0	295	262	7650	1.55	R57/RF37 WSS0.18KW-4
5.3	275	245	7700	1.65	RF57/RF37 WSS0.18KW-4
6.0	240	220	7770	1.85	
7.0	203	188	7840	2.2	
8.3	172	159	7900	2.6	
4.4	335	301	4780	0.90	
5.2	285	255	5510	1.05	R47/RF37 WSS0.18KW-4
5.8	250	228	5660	1.20	RF47/RF37 WSS0.18KW-4
6.8	210	195	5810	1.40	
4.5	385	195.24	12500	2.1	R77 WSS0.18KW-6
5.2	330	166.59	12700	2.5	RF 77 WSS0.18KW-6
6.0	290	145.67	12800	2.8	R 77 WSS0.18KW-6
6.3	275	138.39	12900	3.0	RF 77 WSS0.18KW-6
7.2	240	121.42	12900	3.4	
6.8	255	195.24	12900	3.2	
7.9	215	166.59	13000	3.8	R 77 WSS0.18KW-4
9.1	190	145.67	13000	4.3	RF 77 WSS0.18KW-4
9.5	180	138.39	13000	4.6	
4.3	385	199.81	9370	1.50	
4.7	365	184.07	9560	1.65	
5.5	310	158.14	9830	1.90	
6.3	270	137.67	10000	2.2	
6.8	255	128.97	10100	2.3	R 67 WSS0.18KW-6
7.6	225	113.94	10200	2.7	RF 67 WSS0.18KW-6
8.2	210	105.83	10200	2.9	
9.1	190	95.91	10300	3.2	
10	170	86.11	10300	3.5	
12	147	74.17	10400	4.1	
12	138	69.75	10400	4.3	
6.6	260	199.81	10100	2.3	
7.2	240	184.07	10100	2.5	
8.4	205	158.14	10200	2.9	R 67 WSS0.18KW-4
9.6	179	137.67	10300	3.3	RF 67 WSS0.18KW-4
10	168	128.97	10300	3.6	
12	148	113.94	10400	4.0	
12	138	105.83	10400	4.3	
4.7	370	186.89	7420	1.20	
5.1	340	172.17	7510	1.30	R 57 WSS0.18KW-6
5.9	290	147.92	7650	1.55	RF 57 WSS0.18KW-6
6.8	255	128.77	7740	1.75	
7.2	240	120.63	7780	1.90	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
7.1	245	186.89	7770	1.85	
7.7	225	172.17	7810	2.0	
8.9	193	147.92	7870	2.3	
10	168	128.77	7900	2.7	R 57 WSS0.18KW-4
11	157	120.63	7920	2.0	RF 57 WSS0.18KW-4
12	139	106.58	7940	3.2	
13	129	98.99	7950	3.5	
15	117	89.71	7970	3.8	
7.5	230	176.88	5740	1.30	
8.1	210	162.94	5810	1.40	
9.4	182	139.99	5910	1.65	
11	159	121.87	5980	1.90	R 47 WSS0.18KW-4
12	149	114.17	5000	2.0	RF 47 WSS0.18KW-4
13	131	100.86	6040	2.3	
14	122	93.68	6060	2.5	
16	111	84.90	6080	2.7	
17	99	76.23	6100	3.0	
7.0	245	123.66	3060	0.80	
8.3	210	105.28	4840	0.95	R 37 WSS0.18KW-6
9.6	179	90.77	5190	1.10	RF 37 WSS0.18KW-6
10	167	84.61	5310	1.20	
9.8	176	134.82	5230	1.15	
11	161	123.66	5370	1.25	
13	137	105.28	5580	1.45	
15	118	90.77	5710	1.70	
16	110	84.61	5760	1.80	R 37 WSS0.18KW-4
18	96	73.96	5840	2.1	RF 37 WSS0.18KW-4
19	90	69.33	5870	2.2	
22	80	61.18	5920	2.5	
24	73	55.76	5940	2.6	
27	63	48.08	5960	3.2	
0.25kW					
0.13	15000	9743	50700	0.85	
0.15	12700	8443	63200	1.00	
0.18	11000	7307	66300	1.20	
0.20	9700	6447	68200	1.35	
0.23	8380	5568	69900	1.55	R147/RF77 WSS0.18KW-4
0.26	7520	4926	70800	1.75	RF147/RF77 WSS0.18KW-4
0.30	6540	4325	71800	2.0	
0.35	5730	3754	72400	2.3	
0.39	4990	3302	73000	2.6	
0.45	4360	2898	73300	3.0	
0.22	8680	5834	51000	0.90	
0.25	7860	5116	53700	1.00	R137/RF77 WSS0.18KW-4
0.29	6720	4464	55900	1.20	RF137/RF77 WSS0.18KW-4
0.33	5910	3928	57200	1.35	
0.28	7600	4709	54200	1.05	
0.32	6440	4018	56300	1.25	R137/RF77 WSS0.18KW-4
0.37	5590	3514	57600	1.45	RF137/RF77 WSS0.18KW-4
0.39	5290	3338	58000	1.50	
0.77	4610	2929	58900	1.75	
0.49	4090	2658	59400	1.95	
0.54	3710	2412	59800	2.2	R137/RF77 WSS0.18KW-4
0.63	3190	2073	60200	2.5	RF137/RF77 WSS0.18KW-4
0.71	2760	1839	60500	2.9	
0.93	2130	1397	60900	3.8	
1.1	1850	1226	61000	4.3	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
0.43	4670	3039	27300	0.90	R107/RF77 WSS0.25KW-4 RF107/RF77 WSS0.25KW-4
0.65	3030	1987	34800	1.40	
0.71	2740	1827	35700	1.55	
0.81	2370	1599	36300	1.80	R107/RF77 WSS0.25KW-4
0.93	2100	1400	36700	2.0	RF107/RF77 WSS0.25KW-4
1.1	1810	1226	37000	2.4	
1.4	1410	939	37300	3.0	
1.6	1220	822	37400	3.5	
0.64	3160	2016	12400	0.95	
0.75	2780	1733	22500	1.10	R 97 WSS0.25KW-4
0.80	2590	1623	23600	1.15	RF 97 WSS0.25KW-4
0.71	2870	1823	21800	1.05	
0.82	2490	1583	24100	1.20	
0.93	2160	1396	25700	1.40	
1.1	1880	1228	26800	1.60	R97/RF57 WSS0.25KW-4
1.2	1700	1069	27400	1.75	RF97/RF57 WSS0.25KW-4
1.4	1480	938	27700	2.0	
1.6	1260	824	27900	2.4	
1.8	1130	737	28100	2.7	
2.1	970	632	28300	3.1	
1.1	1810	1145	13800	0.85	
1.2	1630	1037	16300	0.95	R87/RF57 WSS0.25KW-4
1.4	1460	931	17500	1.05	RF87/RF57 WSS0.25KW-4
1.6	1250	802	18700	1.25	
1.1	1750	1143	15400	0.90	
1.5	1380	885	18000	1.10	
1.7	1210	776	18900	1.30	
1.9	1070	685	19600	1.45	R87/RF57 WSS0.25KW-4
2.2	900	599	20000	1.70	RF87/RF57 WSS0.25KW-4
2.5	795	525	20000	1.95	
2.8	695	456	20000	2.2	
4.9	405	268	20000	3.8	
2.3	900	571	9110	0.90	R77/RF37 WSS0.25KW-4 RF77/RF37 WSS0.25KW-4
2.3	900	560	9110	0.90	
2.7	775	488	10300	1.05	
3.0	690	436	11000	1.20	
3.5	590	373	11600	1.40	R77/RF37 WSS0.25KW-4
4.0	520	327	12000	1.60	RF77/RF37 WSS0.25KW-4
4.5	460	289	12300	1.80	
5.0	410	260	12400	2.0	
5.8	345	224	12700	2.4	
3.3	605	388	7490	1.00	
3.8	550	344	8120	1.10	
4.4	455	294	8950	1.30	R67/RF37 WSS0.25KW-4
5.0	410	261	9260	1.15	RF67/RF37 WSS0.25KW-4
5.6	370	234	9520	1.60	
6.5	315	200	9820	1.90	
7.4	270	176	10000	2.2	
8.2	245	158	10100	2.5	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
3.4	630	384	7220	0.95	
3.6	585	359	7730	1.05	
4.2	505	310	8560	1.20	R67/RF37 WSS0.25KW-4
4.9	425	264	9180	1.40	RF67/RF37 WSS0.25KW-4
5.5	375	235	9480	1.60	
5.5	320	201	9790	1.90	
7.2	290	181	9940	2.1	
4.1	505	319	6590	0.90	
4.8	425	273	7200	1.05	
5.4	375	241	7410	1.20	
6.1	335	215	7540	1.35	R57/RF37 WSS0.25KW-4
6.9	295	187	7650	1.55	RF57/RF37 WSS0.25KW-4
7.9	255	164	7740	1.75	
9.2	220	142	7810	2.0	
4.0	530	324	5580	0.85	
4.5	470	290	7010	0.95	R57/RF37 WSS0.25KW-4
5.0	425	262	7210	1.05	RF57/RF37 WSS0.25KW-4
5.3	395	246	7320	1.15	
5.9	355	220	7470	1.30	
5.7	365	228	3070	0.80	
6.7	310	195	5370	0.95	R47/RF37 WSS0.25KW-4
7.1	290	182	5480	1.05	RF47/RF37 WSS0.25KW-4
8.5	240	154	5700	1.25	
2.3	1020	289.74	28200	3.0	
2.7	900	255.71	28300	3.3	R 97 WSS0.25KW-8
2.8	850	241.25	28400	3.5	RF 97 WSS0.25KW-8
3.1	760	216.28	28400	4.0	
2.8	870	246.54	20000	1.80	
3.1	760	216.54	20000	2.0	R 87 WSS0.25KW-8
3.3	720	205.71	20000	2.2	RF 87 WSS0.25KW-8
3.7	640	181.77	20000	2.4	
4.1	585	166.59	11600	1.40	
4.7	510	145.67	12000	1.60	R 77 WSS0.25KW-8
4.9	485	138.39	12100	1.70	RF 77 WSS0.25KW-8
5.6	425	121.42	12100	1.90	
4.5	530	195.24	11900	1.55	
5.3	450	166.59	12300	1.80	R 77 WSS0.25KW-6
6.0	395	145.67	12500	2.1	RF 77 WSS0.25KW-6
6.7	360	195.24	12600	2.3	
7.8	305	166.59	12800	2.7	
8.9	270	145.67	12900	3.1	R 77 WSS0.25KW-4
9.4	255	138.39	12900	3.2	RF 77 WSS0.25KW-4
11	225	121.42	13000	3.7	
4.3	555	158.14	8060	1.10	
4.9	485	137.67	8730	1.25	R 67 WSS0.25KW-8
5.3	455	128.97	8970	1.35	RF 67 WSS0.25KW-8
6.0	400	113.94	9340	1.50	
4.4	540	199.81	8190	1.10	
4.8	500	184.07	8590	1.20	
5.6	430	158.14	9140	1.40	
6.4	375	137.67	9500	1.60	R 67 WSS0.25KW-6
6.8	350	128.97	9630	1.70	RF 67 WSS0.25KW-6
7.7	310	113.94	9840	1.95	
8.3	285	105.83	9940	2.1	

R 斜齿轮减速机/R Helical Geared Motors

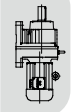
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
6.5	365	199.81	9540	1.65	
7.1	340	184.07	9700	1.80	
8.2	290	158.14	9930	2.1	
9.4	255	137.67	10100	2.4	
10	235	128.97	10100	2.5	R 67 WSS0.25KW-4
11	210	113.94	10200	2.9	RF 67 WSS0.25KW-4
12	194	105.83	10300	3.1	
14	176	95.91	10300	3.4	
15	158	86.11	10400	3.8	
4.7	505	186.89	6450	0.90	
5.1	465	172.17	7030	0.95	
5.9	400	147.92	7300	1.10	
6.8	350	128.77	7480	1.30	R 57 WSS0.25KW-6
7.3	325	120.63	7550	1.35	RF 57 WSS0.25KW-6
8.3	290	106.58	7660	1.55	
8.9	270	98.99	7710	1.70	
7.0	345	186.89	7500	1.30	
7.6	315	172.17	7590	1.40	
8.8	370	147.92	7700	1.65	
10	235	128.77	7780	1.90	
11	220	120.63	7810	2.0	R 57 WSS0.25KW-4
12	196	106.58	7860	2.3	RF 57 WSS0.25KW-4
13	182	98.99	7880	2.5	
14	165	89.71	7910	2.7	
16	148	80.55	7930	3.0	
19	127	69.23	7960	3.5	
7.3	325	176.88	5280	0.90	
8.0	300	162.94	5420	1.00	
9.3	255	139.99	5630	1.15	
11	225	121.87	5770	1.35	
11	210	114.17	5820	1.45	
13	185	100.86	5900	1.60	
14	172	93.68	5940	1.75	R 47 WSS0.25KW-4
15	156	84.90	5980	1.90	RF 47 WSS0.25KW-4
17	140	76.23	6020	2.1	
19	126	68.54	6050	2.4	
20	118	64.21	6070	2.5	
23	104	56.73	6090	2.9	
25	97	52.69	6100	3.1	
27	88	47.75	6080	3.4	
9.6	250	134.82	2630	0.80	
11	225	123.66	4560	0.90	
12	193	105.28	5030	1.05	
14	167	90.77	5320	1.20	
15	155	84.61	5420	1.30	
18	136	73.96	5590	1.45	
19	127	69.33	5650	1.55	R 37 WSS0.25KW-4
21	112	61.18	5750	1.80	RF 37 WSS0.25KW-4
23	102	55.76	5800	1.95	
27	88	48.08	5870	2.3	
29	82	44.81	5760	2.4	
33	72	39.17	5540	2.8	
35	67	36.72	5430	3.0	
40	60	32.40	5230	3.4	
0.37kW					
0.19	15800	7307	39000	0.80	
0.21	14000	6447	60600	0.95	
0.25	12100	5568	64400	1.10	
0.28	10800	4926	66600	1.20	R147/RF77 WSS0.37KW-4
0.32	9400	4325	68600	1.40	RF147/RF77 WSS0.37KW-4
0.37	8210	3754	70100	1.60	
0.42	7180	3302	71200	1.80	
0.48	6280	2898	72000	2.1	
0.31	9570	4464	40700	0.85	R137/RF77 WSS0.37KW-4
0.35	8510	3928	51800	0.95	RF137/RF77 WSS0.37KW-4
0.34	9140	4018	48900	0.90	
0.39	7950	3514	53500	1.00	
0.41	7540	3338	54300	1.05	R137/RF77 WSS0.37KW-4
0.47	6580	2929	56100	1.20	RF137/RF77 WSS0.37KW-4
0.56	5540	2484	57700	1.45	
0.62	4980	2242	58400	1.60	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
0.52	5880	2658	57200	1.35	
0.57	5330	2412	58000	1.50	
0.67	4580	2073	58900	1.75	
0.75	3990	1839	59500	2.0	R137/RF77 WSS0.37KW-4
0.99	3070	1397	60300	2.6	RF137/RF77 WSS0.37KW-4
1.1	2670	1226	60600	3.0	
1.3	2400	1090	60700	3.3	
1.5	2090	951	60900	3.8	
0.67	4660	2067	27300	0.90	
0.82	3790	1693	31900	1.15	
0.89	3420	1550	33500	1.25	R107/RF77 WSS0.37KW-4
0.98	3110	1407	34600	1.40	RF107/RF77 WSS0.37KW-4
1.1	2670	1209	35900	1.60	
1.3	2330	1055	36400	1.85	
0.69	4370	1987	29100	1.00	
0.76	3970	1827	31100	1.10	
0.86	3440	1599	33400	1.25	R107/RF77 WSS0.37KW-4
0.99	3040	1400	34800	1.40	RF107/RF77 WSS0.37KW-4
1.1	2640	1226	36000	1.65	
1.5	2040	939	36700	2.1	
1.7	1770	822	37000	2.4	
0.96	3240	1434	4430	0.95	R97/RF57 WSS0.37KW-4
1.1	2710	1207	22900	1.10	RF97/RF57 WSS0.37KW-4
1.3	2430	1084	24500	1.25	
0.99	3100	1396	15400	0.95	
1.1	2710	1228	22900	1.10	
1.3	2410	1069	24500	1.25	
1.5	2110	938	25900	1.40	R97/RF57 WSS0.37KW-4
1.7	1820	824	27100	1.65	RF97/RF57 WSS0.37KW-4
1.9	1630	737	27500	4.85	
2.2	1390	632	27800	2.2	
3.2	960	431	28300	3.1	
3.6	840	379	28400	3.6	
4.1	745	336	28400	4.0	
1.7	1780	802	15100	0.85	R87/RF57 WSS0.37KW-4
1.8	1670	754	16000	0.95	RF87/RF57 WSS0.37KW-4
2.1	1430	649	17700	1.10	
1.8	1730	776	15500	0.95	
2.0	1530	685	17100	1.00	
2.3	1310	599	18400	1.20	R87/RF57 WSS0.37KW-4
2.6	1150	525	19200	1.35	RF87/RF57 WSS0.37KW-4
3.0	1000	456	19800	1.55	
5.2	585	268	20000	2.7	
5.8	515	236	20000	3.0	
2.6	1230	538	18800	1.25	
2.9	1080	472	19500	1.45	R87/RF57 WSS0.37KW-4
3.5	910	400	20000	1.70	RF87/RF57 WSS0.37KW-4
3.8	810	361	20000	1.90	
3.2	980	436	5390	0.85	
3.7	840	373	9720	0.95	
4.2	740	327	10600	1.10	
4.8	655	289	11200	1.25	R77/RF37 WSS0.37KW-4
5.3	585	260	11600	1.40	RF77/RF37 WSS0.37KW-4
6.2	500	224	12100	1.65	
7.0	435	197	12400	1.90	
8.1	380	169	12600	2.2	
9.3	335	149	12700	2.5	
4.7	650	294	6230	0.90	
5.3	585	261	7710	1.00	R67/RF37 WSS0.37KW-4
5.9	525	234	8340	1.15	RF67/RF37 WSS0.37KW-4
6.9	450	200	9010	1.35	
2.7	1330	255.71	27900	2.3	
2.8	1250	241.25	28000	2.4	R 97 WSS0.37KW-8
3.1	1120	216.28	28100	2.7	RF 97 WSS0.37KW-8
3.7	970	186.30	28300	3.1	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
3.1	1140	289.74	28100	2.6	
3.5	1000	255.71	28200	3.0	R 97 WSS0.37KW-6
3.7	950	241.25	28300	3.2	RF 97 WSS0.37KW-6
4.2	850	216.28	28400	3.5	
3.1	1130	216.54	19300	1.40	
3.3	1070	205.71	19600	1.45	R 87 WSS0.37KW-8
3.7	940	181.77	20000	1.65	RF 87 WSS0.37KW-8
3.7	970	246.54	20000	1.60	
4.2	850	216.54	20000	1.80	
4.4	810	205.71	20000	1.90	R 87 WSS0.37KW-6
4.9	715	181.77	20000	2.2	RF 87 WSS0.37KW-6
5.8	610	155.34	20000	2.5	
6.3	560	142.41	20000	2.8	
4.7	755	145.67	10500	1.10	R 77 WSS0.37KW-8
4.9	720	138.39	10800	1.15	RF 77 WSS0.37KW-8
5.6	630	121.42	11400	1.30	
5.4	655	166.59	11200	1.25	R 77 WSS0.37KW-6
6.2	570	145.67	11700	1.45	RF 77 WSS0.37KW-6
6.5	545	138.39	11900	1.50	
7.1	500	195.24	12100	1.65	
8.3	425	166.59	12400	1.90	
9.5	375	145.67	12600	2.2	R 77 WSS0.37KW-4
10	355	138.39	12600	2.3	RF 77 WSS0.37KW-4
11	310	121.42	12800	2.6	
13	265	102.99	12900	3.1	
15	240	92.97	12900	3.5	
5.7	620	158.14	7300	0.95	
6.5	540	137.67	8210	1.10	R 67 WSS0.37KW-6
7.0	505	128.97	8530	1.20	RF 67 WSS0.37KW-6
7.9	445	113.94	9010	1.35	
6.9	510	199.81	8480	1.15	
7.5	470	184.07	8820	1.25	
8.7	405	158.14	9310	1.50	
10	355	137.67	9620	1.70	
11	330	128.97	9740	1.80	
12	290	113.94	9920	2.1	R 67 WSS0.37KW-4
13	270	105.83	10000	2.2	RF 67 WSS0.37KW-4
14	245	95.91	10100	2.4	
16	220	86.11	10200	2.7	
19	190	74.17	10300	3.2	
20	179	69.75	10300	3.4	
23	157	61.26	10400	3.8	
24	146	56.89	10400	4.1	
7.0	505	128.77	6510	0.90	
7.5	475	120.63	7000	0.95	R 57 WSS0.37KW-6
8.4	420	106.58	7240	1.10	RF 57 WSS0.37KW-6
9.1	390	98.99	7350	1.15	
7.4	480	186.89	6980	0.95	
8.0	440	172.17	7140	1.00	
9.3	380	147.92	7390	1.20	
11	330	128.77	7550	1.35	
11	310	120.63	7610	1.45	
13	275	106.58	7700	1.65	R 57 WSS0.37KW-4
14	255	98.99	7750	1.80	RF 57 WSS0.37KW-4
15	230	89.71	7800	1.95	
17	205	80.55	7840	2.2	
20	177	69.23	7890	2.5	
21	166	64.85	7910	2.7	
24	147	57.29	7760	3.1	
26	136	53.22	7600	3.3	
29	124	48.23	7380	3.6	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
9.9	360	139.99	3490	0.85	
11	310	121.87	5350	0.95	
12	290	114.17	5460	1.05	
14	260	100.86	5630	1.15	
15	240	93.68	5700	1.25	
16	215	84.90	5790	1.40	
18	195	76.23	5870	1.55	R 47 WSS0.37KW-4
20	176	68.54	5930	1.70	RF 47 WSS0.37KW-4
21	164	64.21	5960	1.80	
24	145	56.73	6010	2.1	
26	135	52.69	5990	2.2	
29	122	47.75	5820	2.5	
32	110	42.87	5650	2.7	
37	95	36.93	5410	3.2	
40	89	34.73	5310	3.4	
41	87	33.79	5270	2.8	
44	80	31.12	5150	2.8	R 47 WSS0.37KW-4
52	69	26.74	4920	4.4	RF 47 WSS0.37KW-4
59	60	23.28	4720	5.0	
63	56	21.81	4620	5.4	
15	230	90.77	4250	0.85	R 37 WSS0.37KW-4
16	215	84.61	4720	0.90	RF 47 WSS0.37KW-4
19	189	73.96	5070	1.05	
20	178	69.33	5210	1.15	
23	157	61.18	5410	1.30	
25	143	55.76	5530	1.40	
29	123	48.08	5590	1.60	
31	115	44.81	5480	1.75	R 37 WSS0.37KW-4
35	100	39.17	5290	2.0	RF 37 WSS0.37KW-4
38	94	36.72	5190	2.1	
43	83	32.40	5010	2.4	
48	74	28.73	4850	2.7	
57	63	24.42	4620	3.2	
49	73	28.32	4830	2.8	
53	67	26.03	4710	2.8	R 37 WSS0.37KW-4
62	57	22.27	4500	3.5	RF 37 WSS0.37KW-4
71	49	19.31	4320	4.1	
76	46	18.05	4230	4.3	
88	40	15.60	4050	5.0	R 37 WSS0.37KW-4
104	34	13.25	3850	5.6	RF 37 WSS0.37KW-4
117	30	11.83	3720	6.0	
0.55kW					
0.22	19800	6077	12000	0.90	
0.25	17600	5407	12000	1.00	R167/RF97 WSS0.55KW-4
0.29	15100	4650	12000	1.20	RF167/RF97 WSS0.55KW-4
0.33	13300	4129	12000	1.35	
0.28	16600	4926	26300	0.80	
0.31	14500	4325	55900	0.90	R147/RF77 WSS0.55KW-4
0.36	12700	3754	63300	1.05	RF147/RF77 WSS0.55KW-4
0.41	11100	3302	66100	1.15	
0.47	9720	2898	68200	1.35	
0.53	8730	2555	69500	1.50	
0.62	7560	2211	70800	1.70	
0.70	6670	1951	71600	1.95	
0.80	5730	1705	72400	2.30	R147/RF77 WSS0.55KW-4
0.89	5140	1536	72900	2.50	RF147/RF77 WSS0.55KW-4
1.00	4450	1329	73300	2.90	
1.20	3880	1166	73600	3.00	
0.55	8540	2484	51700	0.95	R137/RF77 WSS0.55KW-4 RF137/RF77 WSS0.55KW-4
0.51	9080	2658	49200	0.90	
0.56	8240	2412	52900	0.95	
0.66	7090	2073	55200	1.15	
0.74	6210	1839	56700	1.30	
0.85	5350	1598	58000	1.50	R137/RF77 WSS0.55KW-4
0.97	4760	1397	58700	1.70	RF137/RF77 WSS0.55KW-4
1.1	4150	1226	59400	1.95	
1.2	3710	1090	59800	2.2	
1.4	3240	951	60200	2.5	
1.6	2780	831	60500	2.9	

R 斜齿轮减速机/R Helical Geared Motors



输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.55kW					
0.97	4790	1407	23400	0.90	
1.1	4120	1209	30400	1.05	
1.3	3590	1055	32800	1.20	R107/RF77 WSS0.55KW-4
1.5	3140	919	34500	1.35	RF107/RF77 WSS0.55KW-4
1.7	2790	815	35600	1.55	
1.9	2450	717	36200	1.75	
2.2	2140	626	36600	2.0	
0.97	4730	1400	26500	0.90	
1.1	4120	1226	30400	1.05	R107/RF77 WSS0.55KW-4
1.2	3690	1104	32400	1.15	RF107/RF77 WSS0.55KW-4
1.5	3170	939	34400	1.35	
1.7	2760	822	35700	1.55	
1.5	3240	938	4620	0.95	
1.6	2810	824	22200	1.05	
1.8	2520	737	24000	1.20	
2.2	2160	632	25700	1.40	
2.4	1880	560	26800	1.60	R97/RF57 WSS0.55KW-4
2.8	1640	484	27400	1.85	RF97/RF57 WSS0.55KW-4
3.2	1480	431	27700	2.0	
3.6	1290	379	27900	2.3	
4.0	1150	336	28100	2.6	
4.6	1010	296	28200	3.0	
5.5	840	249	28400	3.6	
2.6	1780	525	15100	0.85	
3.0	1550	456	16900	1.00	R87/RF57 WSS0.55KW-4
3.4	1340	398	18200	1.15	RF87/RF57 WSS0.55KW-4
3.9	1190	352	19000	1.30	
4.4	1030	305	19700	1.50	
2.9	1650	472	16200	0.95	R87/RF57 WSS0.55KW-4
3.4	1400	400	17900	1.10	RF87/RF57 WSS0.55KW-4
3.8	1260	361	18700	1.25	
4.9	970	276	6420	0.85	
5.8	830	236	9860	1.00	R77/RF37 WSS0.55KW-4
6.2	775	221	10300	1.05	RF 77/RF37 WSS0.55KW-4
7.3	650	186	11300	1.25	
2.7	1980	255.71	26500	1.50	R 97 WSS0.55KW-8
2.8	1860	241.25	26900	1.60	RF 97 WSS0.55KW-8
3.1	1670	216.28	27400	1.80	
3.0	1690	289.74	27400	1.75	
3.5	1490	255.71	27700	2.0	R 97 WSS0.55KW-6
3.7	1410	241.25	27800	2.1	RF 97 WSS0.55KW-6
4.2	1260	216.28	28000	2.4	
4.7	1120	289.74	28100	2.7	
5.3	990	255.71	28200	3.0	R 97 WSS0.55KW-4
5.6	930	241.25	28300	3.2	RF 97 WSS0.55KW-4
6.3	840	216.28	28400	3.6	
3.7	1440	246.54	17700	1.10	
4.2	1260	216.54	18700	1.25	R 87 WSS0.55KW-6
4.4	1200	205.71	19000	1.30	RF 87 WSS0.55KW-6
4.9	1060	181.77	19600	1.45	
5.8	910	155.34	20000	1.70	
5.5	950	246.54	20000	1.65	
6.3	840	216.54	20000	1.85	
6.6	795	205.71	20000	1.95	
7.5	700	181.77	20000	2.2	R 87 WSS0.55KW-4
8.8	600	155.34	20000	2.6	RF 87 WSS0.55KW-4
9.6	550	142.41	20000	2.8	
11	485	124.97	20000	3.2	
11	455	118.43	20000	3.4	
13	400	103.65	20000	3.9	
8.2	645	166.59	11300	1.25	
9.3	565	145.67	11800	1.45	
9.8	535	138.39	11900	1.55	
11	470	121.42	12200	1.75	
13	400	102.99	12500	2.1	R 77 WSS0.55KW-4
15	360	92.97	12600	2.3	RF 77 WSS0.55KW-4
17	315	81.80	12800	2.6	
18	300	77.24	12800	2.8	
21	255	65.77	12900	3.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.55kW					
8.6	610	158.14	7430	1.00	
9.9	530	137.67	8290	1.15	
11	500	128.97	8600	1.20	
12	440	113.94	9060	1.35	R 67 WSS0.55KW-4
13	410	105.83	9280	1.45	RF 67 WSS0.55KW-4
14	370	95.91	9520	1.60	
16	335	86.11	9730	1.80	
18	285	74.17	9940	2.1	
20	270	69.75	10000	2.2	
22	235	61.26	10100	2.5	
24	220	56.89	10200	2.7	
11	465	120.63	7030	0.95	
13	410	106.58	7260	1.10	
14	380	98.99	7370	1.20	
15	345	89.71	7490	1.30	
17	310	80.55	7600	1.45	
20	265	69.23	7710	1.70	
21	250	64.85	7750	1.80	R 57 WSS0.55KW-4
24	220	57.29	7530	2.0	RF 57 WSS0.55KW-4
26	205	53.22	7390	2.2	
28	186	48.23	7190	2.4	
31	167	43.30	6980	2.7	
36	144	37.30	6700	3.1	
39	136	35.07	6580	3.3	
52	102	26.31	6060	4.4	
54	97	24.99	5970	4.7	R 57 WSS0.55KW-4
62	85	21.93	5740	5.3	RF 57 WSS0.55KW-4
73	72	18.60	5460	6.3	
15	360	93.68	3280	0.85	
16	330	84.90	5230	0.90	
18	295	76.23	5450	1.00	
20	265	68.54	5600	1.15	
21	250	64.21	5670	1.20	
24	220	56.73	5790	1.35	R 47 WSS0.55KW-4
26	205	52.69	5770	1.45	RF 47 WSS0.55KW-4
28	184	47.75	5630	1.65	
32	166	42.87	5470	1.80	
37	143	36.93	5260	2.1	
39	134	34.73	5180	2.2	
46	115	29.88	4970	2.6	
51	103	26.74	4820	2.9	R 47 WSS0.55KW-4
58	90	23.28	4630	3.3	RF 47 WSS0.55KW-4
62	84	21.81	4550	3.6	
22	235	61.18	3910	0.85	
24	215	55.76	4740	0.95	
28	186	48.08	5120	1.10	
30	173	44.81	5230	1.15	R 37 WSS0.55KW-4
35	151	39.17	5070	1.30	RF 37 WSS0.55KW-4
37	142	36.72	4990	1.40	
42	125	32.40	4840	1.60	
47	111	28.73	4700	1.80	
56	94	24.42	4500	2.1	
61	86	22.27	4390	2.3	
70	75	19.31	4220	2.7	
75	70	18.05	4140	2.9	R 37 WSS0.55KW-4
87	60	15.60	3970	3.3	RF 37 WSS0.55KW-4
103	51	13.25	3790	3.7	
115	46	11.83	3670	4.0	
0.75kW					
0.30	20700	4650	12000	0.85	R167/RF97 WSS0.55KW-4
0.33	18300	4129	12000	1.00	RF167/RF97 WSS0.55KW-4
0.52	12000	2657	12000	1.50	
0.59	10400	2333	12000	1.75	R167/RF97 WSS0.55KW-4
0.66	9230	2085	12000	1.95	RF167/RF97 WSS0.55KW-4
0.96	6510	1438	12000	2.8	
0.42	15100	3302	49000	0.85	R147/RF77 WSS0.55KW-4
0.48	13200	2898	62200	1.00	RF147/RF77 WSS0.55KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
0.54	11900	2555	64800	1.10	
0.62	10300	2211	67400	1.25	R147/RF77 WSS0.55KW-4
0.71	9070	1951	69000	1.45	RF147/RF77 WSS0.55KW-4
0.81	7830	1705	70500	1.65	
0.9	7030	1536	71300	1.85	
1.0	6080	1329	72100	2.1	
1.2	5310	1166	72700	2.5	
0.74	8640	1863	51200	0.95	
0.87	7330	1586	54700	1.10	R137/RF77 WSS0.55KW-4
0.99	6500	1391	56200	1.25	RF137/RF77 WSS0.55KW-4
1.1	5850	1256	57300	1.35	
0.67	9640	2073	41400	0.85	
0.75	8480	1839	51900	0.95	
0.86	7310	1598	54800	1.10	
0.99	6480	1397	56300	1.25	R137/RF77 WSS0.55KW-4
1.1	5660	1226	57500	1.40	RF137/RF77 WSS0.55KW-4
1.3	5050	1090	58300	1.60	
1.5	4410	951	59100	1.80	
1.7	3810	831	59700	2.1	
1.9	3320	730	60100	2.4	
1.3	4890	1055	19000	0.90	
1.5	4270	919	29600	1.00	R107/RF77 WSS0.75KW-4
1.7	3800	815	31900	1.15	RF107/RF77 WSS0.75KW-4
1.2	5050	1104	7700	0.85	
1.5	4330	939	29300	1.00	
1.7	3770	822	32000	1.15	R107/RF77 WSS0.75KW-4
3.7	1690	369	37100	2.5	RF107/RF77 WSS0.75KW-4
4.3	1470	323	37300	2.9	
2.2	2940	632	21400	1.00	
2.5	2570	560	23700	1.15	
2.8	2230	484	25400	1.35	
3.2	2010	431	26400	1.50	R97/RF57 WSS0.75KW-4
3.6	1760	379	27200	1.70	RF97/RF57 WSS0.75KW-4
4.1	1570	336	27600	1.90	
4.7	1370	296	27800	2.2	
5.5	1150	249	28100	2.6	
3.5	1830	398	12400	0.85	
3.9	1630	352	16400	0.95	
4.5	1400	305	17900	1.10	R87/RF57 WSS0.75KW-4
5.2	1240	268	18800	1.25	RF87/RF57 WSS0.75KW-4
5.8	1090	236	19500	1.40	
3.8	1710	361	15700	0.90	
4.6	1410	300	17800	1.10	R87/RF57 WSS0.75KW-4
5.4	1200	256	19000	1.30	RF87/RF57 WSS0.75KW-4
2.8	2610	251.15	36000	1.65	
3	2390	229.95	36300	1.80	R 107 WSS0.75KW-8
3.4	2110	203.16	36700	2.0	RF 107 WSS0.75KW-8
3.2	2240	216.28	25300	1.35	
3.7	1930	186.3	26600	1.55	R 97 WSS0.75KW-8
4.1	1760	170.02	27200	1.75	RF 97 WSS0.75KW-8
3.5	2030	255.71	26200	1.45	
3.7	1920	241.25	26700	1.55	R 97 WSS0.75KW-6
4.2	1720	216.28	27300	1.75	RF 97 WSS0.75KW-6
4.8	1500	289.74	27600	2.0	
5.4	1330	255.71	27900	2.3	
5.7	1250	241.25	28000	2.4	R 97 WSS0.75KW-4
6.4	1120	216.28	28100	2.7	RF 97 WSS0.75KW-4
7.4	970	186.3	28300	3.1	
8.1	880	170.02	28300	3.4	
4.2	1720	216.54	15600	0.9	
4.4	1640	205.71	16300	0.95	R 87 WSS0.75KW-6
4.9	1450	181.77	17600	1.05	RF 87 WSS0.75KW-6
5.8	1240	155.34	18800	1.25	R 87 WSS0.75KW-6
6.3	1130	142.41	19300	1.35	RF 87 WSS0.75KW-6

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
5.6	1280	246.54	18600	1.20	
6.4	1120	216.54	19300	1.40	
6.7	1070	205.71	19600	1.45	
7.6	940	181.77	20000	1.65	R 87 WSS0.75KW-4
8.9	810	155.34	20000	1.90	RF 87 WSS0.75KW-4
9.7	740	142.41	20000	2.1	
11	650	124.97	20000	2.4	
12	615	118.43	20000	2.5	
13	540	103.65	20000	2.9	
15	480	93.38	20000	3.2	
8.3	860	166.59	9490	0.95	
9.5	755	145.67	10500	1.10	R 77 WSS0.75KW-4
10	720	138.39	10800	1.15	RF 77 WSS0.75KW-4
11	630	121.42	11400	1.30	
13	535	102.99	11900	1.55	
15	485	92.97	12200	1.70	
17	425	81.8	12400	1.95	
18	400	77.24	12500	2.0	R 77 WSS0.75KW-4
21	340	65.77	12700	2.4	RF 77 WSS0.75KW-4
24	300	57.68	12800	2.7	
27	270	52.07	12900	3.0	
30	240	45.81	12900	3.5	
32	225	43.26	13000	3.7	
11	670	128.97	4040	0.90	
12	590	113.94	7660	1.00	
13	550	105.83	8120	1.10	
14	500	95.91	8600	1.20	
16	445	86.11	9010	1.35	R 67 WSS0.75KW-4
19	385	74.17	9430	1.55	RF 67 WSS0.75KW-4
20	360	69.75	9570	1.65	
23	320	61.26	9800	1.90	
24	295	56.89	9910	2.0	
27	270	51.56	10000	2.2	
30	240	46.29	10100	2.5	
13	555	106.58	4610	0.80	
14	515	98.99	6200	0.90	
15	465	89.71	7040	0.95	R 57 WSS0.75KW-4
17	420	80.55	7240	1.10	RF 57 WSS0.75KW-4
20	360	69.23	7450	1.25	
21	335	64.85	7430	1.35	
24	295	57.29	7220	1.50	
26	275	53.22	7090	1.65	
29	250	48.23	6930	1.80	
32	225	43.30	6740	2.0	R 57 WSS0.75KW-4
37	194	37.30	6490	2.3	RF 57 WSS0.75KW-4
39	182	35.07	6380	2.5	
46	157	30.18	6130	2.9	
51	140	26.97	5940	3.2	
52	137	26.31	5900	3.3	
55	130	24.99	5820	3.5	R 57 WSS0.75KW-4
63	114	21.93	5610	4.0	RF 57 WSS0.75KW-4
74	97	18.60	5350	4.7	
20	355	68.54	3660	0.85	R 47 WSS0.75KW-4
21	335	64.21	4950	0.90	RF 47 WSS0.75KW-4
24	295	56.73	5450	1.00	
26	275	52.69	5480	1.10	
29	250	47.75	5370	1.20	
32	225	42.87	5240	1.35	
37	192	36.93	5060	1.55	R 47 WSS0.75KW-4
40	180	34.73	4980	1.65	RF 47 WSS0.75KW-4
46	155	29.88	4800	1.95	
52	139	26.70	4660	2.2	
58	122	23.59	4510	2.5	
52	139	26.74	4660	2.2	
59	121	23.28	4490	2.5	
63	113	21.81	4420	2.7	R 47 WSS0.75KW-4
72	100	19.27	4270	3.0	RF 47 WSS0.75KW-4
77	93	17.89	4180	3.1	
85	84	16.22	4070	3.3	

R 斜齿轮减速机/R Helical Geared Motors

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
29	250	48.08	2330	0.80	R 37 WSS0.75KW-4
31	235	44.81	4230	0.85	RF 37 WSS0.75KW-4
35	205	39.17	4720	1.00	
38	191	36.72	4740	1.05	
43	168	32.40	4610	1.20	R 37 WSS0.75KW-4
48	149	28.73	4490	1.35	RF 37 WSS0.75KW-4
57	127	24.42	4320	1.60	
62	116	22.27	4230	1.75	
71	100	19.31	4080	2.0	
76	94	18.05	4010	2.1	
88	81	15.6	3850	2.5	R 37 WSS0.75KW-4
104	69	13.25	3690	2.8	RF 37 WSS0.75KW-4
117	61	11.83	3570	3.0	
137	53	10.11	3420	3.2	
146	49	9.47	3360	3.4	
1.1kW					
0.53	17700	2657	12000	1.00	
0.60	15400	2333	12000	1.15	
0.67	13700	2085	12000	1.30	R167/RF97 WSS1.1KW-4
0.75	12300	1877	12000	1.45	RF167/RF97 WSS1.1KW-4
0.84	10900	1670	12000	1.65	
0.97	9600	1438	12000	1.90	
1.1	8540	1279	12000	2.1	
1.2	7420	1123	12000	2.4	
0.63	15000	2211	50100	0.85	R147/RF77 WSS1.1KW-4
0.72	13300	1951	62100	1.00	RF147/RF77 WSS1.1KW-4
0.82	11500	1705	65500	1.15	
0.91	10300	1536	67300	1.25	
1.0	8940	1329	69200	1.45	
1.2	7810	1166	70500	1.65	R147/RF77 WSS1.1KW-4
1.4	6870	1029	71500	1.90	RF147/RF77 WSS1.1KW-4
1.6	5950	889	72200	2.2	
1.8	5240	784	72800	2.5	
2.0	4630	695	13200	2.8	
1.0	9480	1391	44400	0.85	
1.1	8550	1256	51600	0.95	R137/RF77 WSS1.1KW-4
1.3	7500	1105	54400	1.05	RF137/RF77 WSS1.1KW-4
1.3	7080	1043	55200	1.15	
1.6	6010	888	57000	1.35	
1.0	9470	1397	44600	0.85	
1.1	8290	1226	52700	0.95	
1.3	7390	1090	54600	1.10	
1.5	6450	951	56300	1.25	R137/RF77 WSS1.1KW-4
1.7	5590	831	57600	1.45	RF137/RF77 WSS1.1KW-4
1.9	4890	730	58500	1.65	
2.2	4190	629	59300	1.90	
2.5	3770	560	59700	2.10	
2.8	3270	490	60100	2.50	
2.0	4870	717	20200	0.30	R107/RF77 WSS1.1KW-4 RF107/RF77 WSS1.1KW-4
2.3	4100	614	30500	1.05	
2.6	3630	544	32700	1.20	
2.8	3280	492	34000	1.30	R 97/RF57 WSS1.1KW-4
3.3	2780	417	35600	1.55	RF 97/RF57 WSS1.1KW-4
3.8	2480	369	36200	1.75	
4.3	2170	323	36600	2.0	
4.9	1910	285	36900	2.2	
5.5	1690	253	37100	2.5	
3.2	2930	431	21400	1.00	
3.7	2580	379	27700	1.15	
4.2	2290	336	25100	1.30	R 97/RF57 WSS1.1KW-4
4.7	2010	296	26300	1.50	RF 97/RF57 WSS1.1KW-4
5.6	1680	249	27400	1.80	
6.0	1570	234	27500	1.90	
6.7	1400	209	27800	2.1	
5.2	1810	268	13900	0.85	R 87/RF57 WSS1.1KW-4
5.9	1600	236	16600	0.95	RF 87/RF57 WSS1.1KW-4
6.7	1400	209	17900	1.10	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
5.5	1760	256	15300	0.90	R 87/RF57 WSS1.1KW-4
6.0	1590	232	16600	0.95	RF 87/RF57 WSS1.1KW-4
7.2	1350	195	18200	1.15	
2.7	3880	251.15	31600	1.10	
3.0	3550	229.95	33000	1.20	R 107 WSS1.1KW-8
3.3	3140	203.16	34500	1.35	RF 107 WSS1.1KW-8
4.0	2660	172.34	35900	1.60	
3.6	2920	255.71	21500	1.05	
3.8	2750	241.25	22600	1.10	R 97 WSS1.1KW-6
4.2	2470	216.28	24200	1.20	RF 97 WSS1.1KW-6
4.9	2130	186.30	25900	1.40	
5.5	1920	255.71	26700	1.55	
5.8	1810	241.25	27100	1.65	
6.5	1620	216.28	27500	1.85	
7.5	1400	186.30	27800	2.2	R 97 WSS1.1KW-4
8.2	1280	170.02	27900	2.3	RF 97 WSS1.1KW-4
9.3	1130	150.78	28100	2.7	
11	950	126.75	28300	3.2	
12	870	116.48	28300	3.4	
6.5	1620	216.54	16400	0.95	R 87 WSS1.1KW-4
6.8	1540	205.71	17000	1.00	RF 87 WSS1.1KW-4
7.7	1360	181.77	18100	1.15	
9.0	1170	155.34	19100	1.35	
9.8	1070	142.41	19600	1.45	
11	940	124.97	20000	1.65	
12	890	118.43	20000	1.75	
14	780	103.65	20000	2.0	R 87 WSS1.1KW-4
15	700	93.38	20000	2.2	RF 87 WSS1.1KW-4
17	615	81.92	20000	2.5	
19	545	72.57	20000	2.8	
22	480	63.68	20000	3.2	
23	455	60.35	20000	3.4	
27	395	52.82	20000	3.9	
12	910	121.42	8990	0.90	R 77 WSS1.1KW-4
14	775	102.99	10300	1.05	RF 77 WSS1.1KW-4
15	700	92.97	10900	1.20	
17	615	81.80	11500	1.35	
18	580	77.24	11700	1.40	
21	495	65.77	12100	1.65	
24	435	57.68	12400	1.90	R 77 WSS1.1KW-4
27	390	52.07	12500	2.1	RF 77 WSS1.1KW-4
31	345	45.81	12700	2.4	
32	325	43.26	12700	2.5	
38	275	36.83	12900	3.0	
42	250	33.47	12900	3.3	
16	645	86.11	6820	0.95	
17	555	74.17	8040	1.10	
20	525	69.75	8370	1.15	
23	460	61.26	8920	1.30	
25	425	56.89	9160	1.40	
27	385	51.56	9420	1.55	R 67 WSS1.1KW-4
30	345	46.29	9650	1.75	RF 67 WSS1.1KW-4
35	300	39.88	9890	1.95	
37	280	37.50	9970	2.0	
43	240	32.27	10100	2.2	
49	215	28.83	10200	2.4	
50	210	28.13	10200	2.6	
52	200	26.72	10100	2.7	R 67 WSS1.1KW-4
60	176	23.44	9730	3.2	RF 67 WSS1.1KW-4
70	149	19.89	9270	4.0	
20	520	69.23	5990	0.85	
22	485	64.85	6850	0.90	R 57 WSS1.1KW-4
24	430	57.29	6700	1.05	RF 57 WSS1.1KW-4
26	400	53.22	6610	1.15	
29	360	48.23	6490	1.25	
32	325	43.30	6350	1.40	
38	280	37.30	6140	1.60	R 57 WSS1.1KW-4
40	265	35.07	6060	1.70	RF 57 WSS1.1KW-4
46	225	30.18	5850	2.0	
52	200	26.97	5690	2.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
53	197	26.31	5650	2.3	
56	188	24.99	5580	2.4	
64	165	21.93	5400	2.7	R 57 WSS1.1KW-4
75	140	18.60	5170	3.2	RF 57 WSS1.1KW-4
83	126	16.79	5030	3.6	
29	360	47.75	3500	0.85	
33	320	42.87	4850	0.95	
38	275	36.93	4720	1.10	
40	260	34.73	4660	1.15	R 47 WSS1.1KW-4
47	225	29.88	4520	1.35	RF 47 WSS1.1KW-4
52	200	26.70	4410	1.50	
59	177	23.59	4290	1.70	
60	175	23.28	4270	1.70	
64	164	21.81	4210	1.85	
73	145	19.27	4080	2.0	
78	134	17.89	4010	2.2	
86	122	16.22	3910	2.3	R 47 WSS1.1KW-4
96	109	14.56	3800	2.4	RF 47 WSS1.1KW-4
112	94	12.54	3650	2.7	
119	89	11.79	3590	2.8	
138	76	10.15	3450	3.0	
154	68	9.07	3340	3.2	
43	245	32.40	2900	0.80	
49	215	28.73	3300	0.95	R 37 WSS1.1KW-4
57	183	24.42	3720	1.10	RF 37 WSS1.1KW-4
73	145	19.31	3840	1.40	
78	135	18.05	3790	1.50	R 37 WSS1.1KW-4
90	117	15.60	3660	1.70	RF 37 WSS1.1KW-4
106	99	13.25	3520	1.90	
118	89	11.83	3430	2.1	
139	76	10.11	3290	2.2	
148	71	9.47	3230	2.3	R 37 WSS1.1KW-4
176	60	7.97	3090	2.6	RF 37 WSS1.1KW-4
210	50	6.67	2920	2.9	
247	43	5.67	2790	3.3	
277	38	5.06	2700	3.5	
1.5kW					
0.60	21200	2333	12000	0.89	
0.68	18800	2085	12000	0.95	
0.75	16900	1877	12000	1.05	
0.84	15000	1670	12000	1.20	R167/RF97 WSS1.5KW-4
0.98	13100	1438	12000	1.35	RF167/RF97 WSS1.5KW-4
1.1	11700	1279	12000	1.55	
1.3	10200	1123	12000	1.75	
1.4	9060	999	12000	2.0	
3.3	3870	426	73600	3.4	R147/RF87 WSS1.5KW-4
3.8	3340	368	73900	3.9	RF147/RF87 WSS1.5KW-4
0.83	15700	1705	41200	0.85	
0.93	14100	1536	60300	0.90	
1.1	12200	1329	64200	1.05	R147/RF77 WSS1.5KW-4
1.2	10700	1166	66800	1.20	RF147/RF77 WSS1.5KW-4
1.4	9410	1029	68600	1.40	
1.6	8140	889	70100	1.60	
1.8	7170	784	71200	1.80	
2.0	6340	695	71900	2.0	
2.3	5700	619	72400	2.3	
2.5	5130	558	72900	2.5	
1.4	9650	1043	41200	0.85	
1.6	8200	888	52900	1.00	R137/RF77 WSS1.5KW-4
2.0	6440	699	56300	1.25	RF137/RF77 WSS1.5KW-4
2.3	5590	609	57600	1.45	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
1.3	10100	1090	32300	0.80	
1.5	8790	951	50600	0.90	
1.7	7640	831	54100	1.05	
1.9	6680	730	55900	1.20	
2.2	5740	629	57400	1.40	R137/RF77 WSS1.5KW-4
2.5	5150	560	58200	1.55	RF137/RF77 WSS1.5KW-4
2.9	4470	490	59000	1.80	
3.3	3910	428	59600	2.00	
3.7	3510	381	59900	2.30	
4.4	2980	323	60400	2.70	
2.7	4860	528	20600	0.90	R107/RF77 WSS1.5KW-4 RF107/RF77 WSS1.5KW-4
2.6	4970	544	14800	0.85	
2.9	4490	492	28400	0.95	R107/RF77 WSS1.5KW-4
3.4	3810	417	31900	1.15	RF107/RF77 WSS1.5KW-4
3.8	3390	369	33600	1.25	
4.4	2960	323	35100	1.45	
3.0	4410	469	28900	1.00	R107/RF77 WSS1.5KW-4 RF107/RF77 WSS1.5KW-4
4.2	3120	336	14600	0.95	
4.8	2740	296	22700	1.10	R97/RF57 WSS1.5KW-4
5.7	2300	249	25100	1.30	RF97/RF57 WSS1.5KW-4
6.0	2150	234	25800	1.40	
6.8	1920	209	26700	1.55	
3.0	4710	229.95	26500	0.90	
3.5	4160	203.16	30200	1.05	R 107 WSS1.5KW-8
4.1	3530	172.34	33100	1.20	RF 107 WSS1.5KW-8
4.4	3250	158.68	34100	1.30	
3.7	3910	251.15	31400	1.10	
4.0	3580	229.95	32900	1.20	
4.5	3610	203.16	34400	1.35	R 107 WSS1.5KW-6
5.3	2680	172.34	35900	1.60	RF 107 WSS1.5KW-6
5.8	2470	158.68	36200	1.75	
6.5	2210	141.83	36500	1.95	
5.5	2600	255.71	23500	1.15	
5.8	2450	241.25	24300	1.20	
6.5	2200	216.28	25600	1.35	
7.6	1890	186.30	26800	1.60	
8.3	1730	170.02	27300	1.75	R 97 WSS1.5KW-4
9.4	1530	150.78	27600	1.95	RF 97 WSS1.5KW-4
11	1290	126.75	27900	2.3	
12	1180	116.48	28000	2.5	
14	1050	103.44	28200	2.8	
15	940	92.48	28300	3.2	
7.8	1850	181.77	11400	0.85	
9.1	1580	155.34	16700	1.00	
9.9	1450	142.41	17600	1.05	R 87 WSS1.5KW-4
11	1270	124.97	18600	1.20	RF 87 WSS1.5KW-4
12	1200	118.43	19000	1.30	
14	1050	103.65	19600	1.45	
15	950	93.38	20000	1.65	
17	830	81.92	20000	1.85	
19	735	72.57	20000	2.1	
22	645	63.68	20000	2.4	
23	615	60.35	20000	2.5	R 87 WSS1.5KW-4
27	535	52.82	20000	2.9	RF 87 WSS1.5KW-4
30	485	47.58	20000	3.2	
34	425	41.74	20000	3.7	
38	375	36.84	19600	4.1	

R 斜齿轮减速机/R Helical Geared Motors

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
15	940	92.97	8500	0.85	R 77 WSS1.5KW-4 RF 77 WSS1.5KW-4
17	830	81.80	9820	1.00	
18	785	77.24	10200	1.05	
21	670	65.77	11100	1.25	
24	585	57.68	11600	1.40	R 77 WSS1.5KW-4 RF 77 WSS1.5KW-4
27	530	52.07	11900	1.55	
31	465	45.81	12200	1.75	
33	440	43.26	12300	1.85	
38	375	36.83	12600	2.2	
42	340	33.47	12700	2.4	
49	295	29.00	12500	2.8	
56	255	25.23	12000	3.0	
60	240	23.37	11800	3.5	R 77 WSS1.5KW-4 RF 77 WSS1.5KW-4
66	220	21.43	11500	3.8	
75	101	18.80	11000	4.1	
23	620	61.26	7280	0.95	R 67 WSS1.5KW-4 RF 67 WSS1.5KW-4
25	580	56.89	7810	1.05	
27	525	51.56	8370	1.15	
30	470	46.29	8830	1.30	
35	405	39.88	9300	1.45	
38	380	37.50	9460	1.50	
44	330	32.27	9750	1.65	
49	295	28.83	9920	1.80	
50	285	28.13	9950	1.90	R 67 WSS1.5KW-4 RF 67 WSS1.5KW-4
53	270	26.72	9850	2.0	
60	240	23.44	9500	2.3	
71	200	19.89	9070	3.0	
79	182	17.95	8810	3.2	
27	540	53.22	5140	0.85	R 57 WSS1.5KW-4 RF 57 WSS1.5KW-4
29	490	48.23	6010	0.90	
33	440	43.30	5920	1.00	
38	380	37.30	5770	1.20	R 57 WSS1.5KW-4 RF 57 WSS1.5KW-4
40	355	35.07	5710	1.25	
47	305	30.18	5540	1.45	
52	275	26.97	5420	1.65	
54	265	26.31	5390	1.70	R 57 WSS1.5KW-4 RF 57 WSS1.5KW-4
56	255	24.99	5330	1.75	
64	225	21.93	5170	2.0	
76	189	18.60	4980	2.4	
84	171	16.79	4850	2.6	
95	150	14.77	4700	2.9	
101	142	13.95	4630	3.0	
119	121	11.88	4440	3.4	
38	375	36.93	2380	0.80	R 47 WSS1.5KW-4 RF 47 WSS1.5KW-4
41	355	34.73	3840	0.85	
47	305	29.88	4220	1.00	
53	370	26.70	4140	1.10	
60	240	23.59	4050	1.25	
61	235	23.28	4040	1.25	R 47 WSS1.5KW-4 RF 47 WSS1.5KW-4
65	220	21.81	3990	1.35	
73	196	19.27	3890	1.50	
79	182	17.89	3830	1.60	
87	165	16.22	3740	1.65	
97	148	14.56	3650	1.80	
112	127	12.54	3520	1.95	
120	120	11.79	3470	2.00	
139	103	10.15	3340	2.2	
155	92	9.07	3240	2.4	
176	81	8.01	3140	2.5	
182	79	7.76	3060	2.1	
203	71	6.96	2980	2.2	
235	61	6.00	2860	2.6	
250	57	5.64	2810	2.7	
291	49	4.85	2700	3.0	
325	44	4.34	2610	3.3	
368	39	3.83	2520	3.7	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
73	196	19.31	2660	1.00	R 37 WSS1.5KW-4 RF 37 WSS1.5KW-4
78	183	18.05	2840	1.10	
90	159	15.60	3160	1.25	
106	135	13.25	3350	1.40	R 37 WSS1.5KW-4 RF 37 WSS1.5KW-4
119	120	11.83	3270	1.50	
140	103	10.11	3160	1.65	
149	96	9.47	3110	1.75	
177	81	7.97	2980	1.95	
211	68	6.67	2820	2.1	
249	58	5.67	2710	2.5	
279	51	5.06	2630	2.6	
326	44	4.32	2520	2.9	
348	41	4.05	2470	3.0	
414	35	3.41	2360	3.2	
204	70	13.25	2880	2.7	R 37 WSS1.5KW-2 RF 37 WSS1.5KW-2
228	63	11.83	2790	2.9	
267	54	10.11	2680	3.2	
285	50	9.47	2630	3.3	
339	42	7.97	2510	3.7	
2.2kW					
0. 84	22400	1670	12000	0.80	R167/RF97 WSS2.2KW-4 RF167/RF97 WSS2.2KW-4
0. 98	19500	1438	12000	0.95	
1. 1	17300	1279	12000	1.05	
1. 3	15100	1123	12000	1.20	
1. 4	13500	999	12000	1.35	
1. 6	11600	861	12000	1.55	
1. 9	10300	760	12000	1.75	
2. 2	8710	656	12000	2.1	
2.6	7130	533	71200	1.80	R147/RF87 WSS2.2KW-4 RF147/RF87 WSS2.2KW-4
3.0	6150	462	72100	2.1	
3.3	5740	426	72400	2.3	
3.8	4960	368	43000	2.6	
4.3	4390	326	73300	3.0	
1.2	15800	1166	39400	0.80	R147/RF77 WSS2.2KW-4 RF147/RF77 WSS2.2KW-4
1.4	13900	1029	60700	0.95	
1.6	12000	889	64500	1.10	
1.8	10600	784	66900	1.20	
2.0	9400	695	68600	1.40	
2.3	8420	619	69800	1.55	
2.5	7580	558	70800	1.70	
2.9	6640	489	71700	1.95	
2.0	9510	699	43900	0.85	R137/RF77 WSS2.2KW-4 RF137/RF77 WSS2.2KW-4
2.3	8270	609	52800	0.95	
1.9	9890	730	36300	0.80	R137/RF77 WSS2.2KW-4 RF137/RF77 WSS2.2KW-4
2.2	8500	629	51800	0.95	
2.5	7620	560	54200	1.05	
2.9	6630	490	56000	1.20	
3.3	5790	428	57400	1.40	
3.7	5190	381	58200	1.55	
4.4	4400	323	59100	1.80	
4.8	3960	291	59500	2.0	
5.5	3460	255	60000	2.3	
6.3	3030	223	60300	2.6	
3.8	5010	369	12100	0.85	R107/RF77 WSS2.2KW-4 RF107/RF77 WSS2.2KW-4
4.4	4390	323	29000	1.00	
4.9	3860	285	31600	1.10	
5.6	3420	253	33500	1.25	
6.6	2900	214	35300	1.50	
4.3	4480	325	28400	0.95	R107/RF77 WSS2.2KW-4 RF107/RF77 WSS2.2KW-4
6.0	3170	234	11300	0.95	R97/RF57 WSS2.2KW-4 RF97/RF57 WSS2.2KW-4
6.8	2840	209	22100	1.05	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
2.2kW					
3.1	6680	222.60	55900	1.20	R 137 WSS2.2KW-8 RF 137 WSS2.2KW-8
3.7	5660	188.45	57500	1.40	
4.0	5230	174.40	58100	1.55	
4.5	4690	156.31	58800	1.70	
5.0	4240	141.12	59300	1.90	
5.5	3850	128.18	59600	2.1	R 137 WSS2.2KW-8 RF 137 WSS2.2KW-8
6.2	3410	113.72	60000	2.3	
6.8	3170	103.20	60300	2.6	
4.6	4540	203.16	28100	0.95	R 107 WSS2.2KW-6 RF 107 WSS2.2KW-6
5.4	3850	172.34	31700	1.10	
5.9	3550	158.68	33000	1.20	
6.6	3170	141.83	34400	1.35	
5.6	3740	251.15	32200	1.15	R 107 WSS2.2KW-4 RF 107 WSS2.2KW-4
6.1	3430	229.95	33500	1.25	
6.9	3030	203.16	34900	1.40	
8.2	2570	172.34	36100	1.65	R 107 WSS2.2KW-4 RF 107 WSS2.2KW-4
8.9	2360	158.68	36300	1.80	
9.9	2110	141.83	36600	2.0	
11	1900	127.68	36900	2.3	
12	1720	115.63	37000	2.5	
14	1530	102.53	37200	2.8	
15	1380	92.70	37300	3.1	
6.5	3220	216.28	7030	0.95	R 97 WSS2.2KW-4 RF 97 WSS2.2KW-4
7.6	2780	186.30	22500	1.10	
8.3	2530	170.02	23900	1.20	
9.4	2250	150.78	25300	1.35	R 97 WSS2.2KW-4 RF 97 WSS2.2KW-4
11	1890	126.75	26800	1.60	
12	1740	116.48	27300	1.75	
14	1540	103.44	27600	1.95	
15	1380	92.48	27800	2.2	
17	1240	83.15	28000	2.4	
20	1080	72.17	28200	2.8	
22	970	65.21	27700	3.1	
24	890	59.92	27000	3.4	
27	795	53.21	26100	3.8	
30	710	47.58	25300	4.2	
11	1860	124.97	10100	0.85	R 87 WSS2.2KW-4 RF 87 WSS2.2KW-4
12	1760	118.43	15200	0.90	
14	1540	103.65	17000	1.00	
15	1390	93.38	17900	1.10	
17	1220	81.92	18900	1.25	
19	1080	72.57	19500	1.45	R 87 WSS2.2KW-4 RF 87 WSS2.2KW-4
22	950	63.68	20000	1.65	
23	900	60.35	20000	1.70	
27	785	52.82	20000	1.95	
30	710	47.58	20000	2.2	
34	620	41.74	19900	2.5	
38	550	36.84	19200	2.8	
43	485	32.66	18500	3.2	
41	515	34.40	18800	2.9	R 87 WSS2.2KW-4 RF 87 WSS2.2KW-4
45	470	31.40	18300	3.3	
51	415	27.84	17700	3.7	
60	350	23.40	16800	4.4	
66	320	21.51	16400	4.7	
21	980	65.77	5470	0.85	R 77 WSS2.2KW-4 RF 77 WSS2.2KW-4
24	860	57.68	9540	0.95	
27	775	52.07	10300	1.05	
31	685	45.81	11000	1.20	
33	645	43.26	11300	1.25	R 77 WSS2.2KW-4 RF 77 WSS2.2KW-4
38	550	36.83	11800	1.50	
42	500	33.47	12100	1.65	
49	430	29.00	12100	1.90	
56	375	25.23	11700	2.1	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
2.2kW					
60	350	23.37	11400	2.3	R 77 WSS2.2KW-4 RF 77 WSS2.2KW-4
66	320	21.43	11200	2.6	
75	280	18.80	10800	2.8	
79	265	17.82	10600	2.9	
90	230	15.60	10200	3.2	
100	210	14.05	9910	3.4	
35	595	39.88	7630	1.00	R 67 WSS2.2KW-4 RF 67 WSS2.2KW-4
38	560	37.50	8020	1.00	
44	480	32.27	8750	1.10	
49	430	28.83	9140	1.20	
60	350	23.44	9140	1.60	R 67 WSS2.2KW-4 RF 67 WSS2.2KW-4
71	295	19.89	8760	2.0	
79	270	17.95	8530	2.2	
89	235	15.79	8240	2.4	
95	220	14.91	8110	2.5	
111	189	12.70	7760	2.8	
122	172	11.54	7560	2.9	
141	149	10.00	7250	3.2	
162	130	8.70	6960	3.4	
181	116	7.79	6760	3.3	
38	555	37.30	4490	0.80	R 57 WSS2.2KW-4 RF 57 WSS2.2KW-4
40	525	35.07	5110	0.85	
47	450	30.18	5030	1.00	
52	400	26.97	4960	1.10	
64	325	21.93	4800	1.10	R 57 WSS2.2KW-4 RF 57 WSS2.2KW-4
76	275	18.60	4660	1.60	
84	250	16.79	4570	1.80	
95	220	14.77	4450	2.0	
101	210	13.95	4390	2.1	
119	177	11.88	4230	2.3	
131	161	10.79	4140	2.4	
151	139	9.35	4000	2.7	
156	135	9.06	3980	2.8	
177	119	7.97	3850	3.0	
104	205	26.31	4370	2.2	R 57 WSS2.2KW-2 RF 57 WSS2.2KW-2
109	192	24.99	4320	2.3	
124	169	21.93	4190	2.7	
147	143	18.60	4020	3.1	
163	129	16.79	3920	3.5	
185	114	14.77	3790	3.8	
196	107	13.95	3740	4.0	
73	285	19.27	3550	1.05	R 47 WSS2.2KW-4 RF 47 WSS2.2KW-4
87	240	16.22	3460	1.15	
97	215	14.56	3400	1.20	
112	187	12.54	3310	1.35	
120	185	11.79	3270	1.40	
139	151	10.15	3160	1.50	
155	135	9.07	3090	1.65	
176	119	8.01	3000	1.70	
182	116	7.76	2910	1.40	
203	104	6.96	2840	1.55	
235	89	6.00	2740	1.75	
250	84	5.64	2700	1.85	
291	72	4.85	2600	2.1	
325	65	4.34	2530	2.3	
368	57	3.83	2440	2.5	
117	179	23.28	3280	1.70	R 47 WSS2.2KW-2 RF 47 WSS2.2KW-2
125	168	21.81	3230	1.80	
142	148	19.27	3150	2.0	
153	138	17.89	3100	2.1	
168	125	16.22	3030	2.2	
187	112	14.56	2950	2.4	
218	97	12.54	2850	2.6	
231	91	11.79	2800	2.7	

R 斜齿轮减速机/R Helical Geared Motors

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
2.2kW					
269	78	10.15	2700	2.9	R 47 WSS2.2KW-2
301	70	9.07	2620	3.2	RF 47 WSS2.2KW-2
341	62	8.01	2530	3.3	
90	230	15.60	1070	0.85	R 37 WSS2.2KW-4
106	198	13.25	1660	0.95	RF 37 WSS2.2KW-4
119	176	11.83	1990	1.05	
140	151	10.11	2360	1.15	
149	141	9.47	2480	1.20	
177	119	7.97	2750	1.30	
211	99	6.67	2470	1.45	R 37 WSS2.2KW-4
249	84	5.67	2570	1.70	RF 37 WSS2.2KW-4
279	75	5.06	2500	1.80	
326	64	4.32	2410	1.95	
348	60	4.05	2370	2.0	
414	51	3.41	2270	2.2	
141	149	19.31	2380	1.35	R 37 WSS2.2KW-2
151	139	18.05	2510	1.45	RF 37 WSS2.2KW-2
175	120	15.60	2740	1.65	
206	102	13.25	2720	1.85	
231	91	11.83	2650	2.0	
270	78	10.11	2550	2.2	
288	73	9.47	2510	2.3	
342	61	7.97	2410	2.5	R 37 WSS2.2KW-2
409	51	6.67	2280	2.8	RF 37 WSS2.2KW-2
480	44	5.67	2180	3.3	
540	39	5.06	2120	3.5	
632	33	4.32	2030	3.8	
675	31	4.05	1990	3.9	
801	26	3.41	1900	4.3	
3.0kW					
1.2	20900	1123	12000	0.85	
1.4	18600	999	12000	0.95	
1.6	16000	861	12000	1.10	R167RF87 WSS3.0KW-4
1.8	14200	760	12000	1.25	RF167RF87 WSS3.0KW-4
2.1	12100	656	12000	1.50	
2.8	9280	503	12000	1.95	
2.6	9880	533	68000	1.30	
3.0	8540	462	69700	1.50	
3.3	7940	426	70400	1.65	R147RF77 WSS3.0KW-4
3.8	6860	368	71500	1.90	RF147RF77 WSS3.0KW-4
4.3	6070	326	72200	2.1	
5.0	5180	280	72800	2.5	
1. 6	16600	889	26300	0. 80	
1. 8	14700	784	54500	0. 90	R147RF77 WSS3.0KW-4
2. 0	13000	695	62700	1. 00	RF147RF77 WSS3.0KW-4
2. 3	11600	619	65200	1. 10	
2. 6	10500	558	67100	1. 25	
2.8	9160	490	48800	0.85	
3.3	7990	428	53400	1.00	
3.7	7150	381	55100	1.10	R137RF77 WSS3.0KW-4
4.3	6070	323	56900	1.30	RF137RF77 WSS3.0KW-4
4.8	5460	291	57800	1.45	
5.5	4770	255	58700	1.70	
6.3	4180	223	59300	1.90	
2.7	9870	517	36800	0.80	R137RF77 WSS3.0KW-4
3.1	8650	453	51200	0.95	RF137RF77 WSS3.0KW-4
5.5	4730	253	25800	0.90	R 107 WSS3.0KW-4
6.5	4010	214	31000	1.05	RF 107 WSS3.0KW-4
7.5	3500	187	33200	1.25	
5.5	4870	256	20200	0.90	R 107 WSS3.0KW-4
					RF 107 WSS3.0KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
3.2	8860	222.60	50300	0.90	
3.8	7500	188.45	54400	1.05	R 137 WSS3.0KW-6
4.1	6940	174.40	55500	1.15	RF 137 WSS3.0KW-6
4.6	6220	156.31	56700	1.30	
5.4	5620	141.12	57600	1.40	
5.6	5100	128.18	58300	1.55	
6.3	4520	113.72	59000	1.75	R 137 WSS3.0KW-6
7.0	4110	103.20	59400	1.95	RF 137 WSS3.0KW-6
8.1	3530	88.70	59900	2.3	
4.2	6780	222.60	55800	1.20	
5.0	5740	188.45	57400	1.40	R 137 WSS3.0KW-6
5.4	5320	174.40	58000	1.50	RF 137 WSS3.0KW-6
6.0	4760	156.31	58700	1.70	
6.7	4300	141.12	59200	1.85	
7.3	3910	128.18	59600	2.0	R 137 WSS3.0KW-6
8.3	3470	113.72	60000	2.3	RF 137 WSS3.0KW-6
9.1	3150	103.20	60200	2.5	
5.9	4840	158.68	21600	0.90	R 107 WSS3.0KW-6
6.6	4320	141.83	29300	1.00	RF 107 WSS3.0KW-6
7.4	3890	127.68	31500	1.10	
6.1	4710	229.95	26500	0.90	
6.9	4160	203.16	30200	1.05	
8.1	3530	172.34	33100	1.20	
8.8	3250	158.68	34100	1.30	
9.9	2900	141.83	35300	1.50	R 107 WSS3.0KW-4
11	2610	127.68	36000	1.65	RF 107 WSS3.0KW-4
12	2370	115.63	36300	1.80	
14	2100	102.53	36700	2.0	
15	1900	92.70	36900	2.3	
18	1610	78.57	35900	2.7	
19	1490	72.88	35200	2.9	
9.3	3090	150.78	16200	0.95	
11	2590	126.75	23600	1.15	
12	2380	116.48	24700	1.25	
14	2120	103.44	25900	1.40	
15	1890	92.48	26800	1.60	
17	1700	83.15	27300	1.75	
19	1480	72.17	27700	2.0	R 97 WSS3.0KW-4
21	1330	65.21	27000	2.2	RF 97 WSS3.0KW-4
23	1230	59.92	26400	2.5	
26	1090	53.21	25600	2.8	
29	970	47.58	24800	3.1	
33	880	42.78	24000	3.4	
38	760	37.13	23100	4.0	
42	680	33.25	22400	4.2	
15	1910	93.38	3630	0.80	
17	1680	81.92	16000	0.90	R 87 WSS3.0KW-4
19	1490	72.57	17400	1.05	RF 87 WSS3.0KW-4
22	1300	63.68	18400	1.20	
23	1230	60.35	18800	1.25	
27	1080	52.82	19500	1.45	
29	970	47.58	19900	1.60	
34	850	41.74	19400	1.80	R 87 WSS3.0KW-4
38	755	36.84	18700	2.1	RF 87 WSS3.0KW-4
43	670	32.66	18100	2.3	
50	570	27.88	17400	2.6	
41	705	34.40	18400	2.1	
45	640	31.40	17900	2.4	
50	570	27.84	17400	2.7	
60	480	23.40	16500	3.2	R 87 WSS3.0KW-4
65	440	21.51	16100	3.4	RF 87 WSS3.0KW-4
73	390	19.10	15600	3.7	
82	350	17.08	15100	4.0	
91	315	15.35	14600	4.3	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
31	940	45.81	8670	0.85	
32	890	43.26	9270	0.95	R 77 WSS3.0KW-4
38	755	36.83	10500	1.10	RF 77 WSS3.0KW-4
42	685	33.47	11000	1.20	
48	595	29.00	11600	1.40	R 77 WSS3.0KW-4
55	515	25.23	11300	1.50	RF 77 WSS3.0KW-4
60	480	23.37	11100	1.70	
65	440	21.43	10800	1.85	
74	385	18.80	10500	2.0	
79	365	17.82	10300	2.1	
90	320	15.60	9980	2.3	
100	290	14.05	9700	2.5	R 77 WSS3.0KW-4
114	250	12.33	9350	2.7	RF 77 WSS3.0KW-4
129	225	10.88	9090	3.0	
145	197	9.64	8720	3.2	
163	176	8.59	8500	3.6	
181	158	7.74	8240	3.8	
206	139	6.79	7920	4.2	
60	480	23.44	8730	1.15	
70	405	19.89	8420	1.45	
78	365	17.95	8230	1.60	
89	325	15.79	7980	1.75	R 67 WSS3.0KW-4
94	305	14.91	7860	1.80	RF 67 WSS3.0KW-4
110	260	12.70	7550	2.0	
121	235	11.54	7360	2.1	
140	205	10.00	7090	2.3	
52	550	26.97	4330	0.80	R 57 WSS3.0KW-4
					RF 57 WSS3.0KW-4
64	450	21.93	4380	1.00	R 57 WSS3.0KW-4
75	380	18.60	4300	1.20	RF 57 WSS3.0KW-4
83	345	16.79	4250	1.30	
95	300	14.77	4160	1.45	
100	285	13.95	4130	1.50	
118	245	11.88	4010	1.65	
130	220	10.79	3940	1.75	
150	191	9.35	3820	1.95	R 57 WSS3.0KW-4
155	185	9.06	3810	2.0	RF 57 WSS3.0KW-4
176	163	7.97	3700	2.2	
186	154	7.53	3650	2.3	
218	131	6.41	3520	2.6	
240	119	5.82	3430	2.7	
277	103	5.05	3310	3.0	
319	90	4.39	3190	3.1	
128	225	21.93	3950	2.0	
151	190	18.60	3820	2.4	
167	170	16.79	3730	2.6	R 57 WSS3.0KW-2
190	151	14.77	3620	2.9	RF 57 WSS3.0KW-2
201	143	13.95	3570	3.0	
236	122	11.88	3440	3.3	
259	110	10.79	3360	3.5	
86	330	16.22	2030	0.85	R 47 WSS3.0KW-4
96	300	14.56	2500	0.90	RF 47 WSS3.0KW-4
112	255	12.54	3040	0.95	
119	240	11.79	3040	1.00	
138	210	10.15	2970	1.10	
154	186	9.07	2910	1.20	
175	164	8.01	2840	1.25	
181	159	7.76	2740	1.05	
201	143	6.96	2680	1.10	R 47 WSS3.0KW-4
233	123	6.00	2610	1.25	RF 47 WSS3.0KW-4
248	115	5.64	2580	1.35	
288	99	4.85	2490	1.50	
323	89	4.34	2430	1.65	
365	78	3.83	2360	1.85	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
237	121	11.79	2670	2.0	
270	104	10.15	2580	2.2	
309	93	9.07	2510	2.4	
349	82	8.01	2430	2.5	
361	79	7.76	2370	2.1	R 47 WSS3.0KW-2
402	71	6.96	2310	2.2	RF 47 WSS3.0KW-2
467	61	6.00	2220	2.5	
496	58	5.64	2190	2.7	
577	50	4.85	2100	3.0	
646	44	4.34	2040	3.3	
731	39	3.83	1970	3.7	
139	205	10.11	780	0.80	R 37 WSS3.0KW-4
148	194	9.47	1010	0.85	RF 37 WSS3.0KW-4
176	163	7.97	1510	0.95	
210	137	6.67	1250	1.05	
247	116	5.67	1630	1.25	
277	104	5.06	1830	1.30	R 37 WSS3.0KW-4
324	88	4.32	2070	1.45	RF 37 WSS3.0KW-4
346	83	4.05	2140	1.45	
411	70	3.41	2180	1.60	
277	103	10.11	2340	1.65	
296	97	9.47	2380	1.70	
351	82	7.97	2290	1.90	R 37 WSS3.0KW-2
420	68	6.67	2170	2.1	RF 37 WSS3.0KW-2
494	58	5.67	2090	2.5	
553	52	5.06	2030	2.6	
648	44	4.32	1950	2.8	
692	41	4.05	1920	3.0	
821	35	3.41	1840	3.2	
4.0kW					
1.6	21200	861	12000	0.85	
1.9	18700	760	12000	0.95	
2.2	16000	656	12000	1.10	R167/RF97 WSS4.0KW-4
2.8	12300	503	12000	1.45	RF167/RF97 WSS4.0KW-4
3.8	9190	376	12000	1.95	
4.2	8180	335	12000	2.20	
2.7	13100	533	62500	1.00	
3.1	11300	462	65800	1.15	
3.3	10500	426	67100	1.25	
3.8	9060	368	69100	1.45	
4.4	8010	326	70300	1.60	R147RF87 WSS4.0KW-4
5.1	6850	280	71500	1.90	RF147RF87 WSS4.0KW-4
5.7	6050	247	72200	2.2	
6.7	5220	214	72800	2.5	
7.5	4620	189	73200	2.8	
8.9	3880	159	73600	3.3	
2.3	15300	619	46300	0.85	
2.5	13800	558	61000	0.95	R147/RF77 WSS4.0KW-4
2.9	12100	489	64400	1.10	RF147/RF77 WSS4.0KW-4
3.4	10200	415	67400	1.25	
3.7	9430	381	45400	0.85	
4.4	8000	323	53400	1.00	R137/RF77 WSS4.0KW-4
4.9	7200	291	55000	1.10	RF137/RF77 WSS4.0KW-4
5.6	6290	255	56600	1.25	
6.3	5520	223	57700	1.45	
3.8	9440	376	45200	0.85	
4.2	8500	339	51800	0.95	R137/RF77 WSS4.0KW-4
4.8	7450	297	54500	1.05	RF137/RF77 WSS4.0KW-4

R 斜齿轮减速机/R Helical Geared Motors

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
4.0kW					
7.6	4620	187	27600	0.95	R107/RF77 WSS4.0KW-4 RF107/RF77 WSS4.0KW-4
7.3	4840	193	21400	0.90	R107/RF77 WSS4.0KW-4
8.2	4330	172	29300	1.00	RF107/RF77 WSS4.0KW-4
4. 4	8660	163. 31	69500	1. 5	
4. 9	7790	146. 91	70500	1. 65	R147 WSS4.0KW-8
6. 0	6360	119. 86	71900	2. 0	RF147 WSS4.0KW-8
6. 6	5800	109. 31	72400	2. 0	
4.1	9250	174.40	48400	0.85	
4.6	8290	156.31	52700	0.95	
5.1	7490	141.12	54400	1.05	R137 WSS4.0KW-8
5.36	6800	128.18	55700	1.20	RF137 WSS4.0KW-8
6.3	6030	113.72	57000	1.35	
7.0	5470	103.20	57800	1.45	
4.3	8860	222.60	50300	0.90	
5.1	7500	188.45	54400	1.05	
5.5	6940	174.40	55500	1.15	R137 WSS4.0KW-6
6.1	6220	156.31	56700	1.30	RF137 WSS4.0KW-6
6.8	5620	141.12	57600	1.40	
7.5	5100	128.18	58300	1.55	
8.4	4520	113.72	59000	1.75	R137 WSS4.0KW-6
9.3	4110	103.20	59400	1.95	RF137 WSS4.0KW-6
11	3530	88.70	59900	2.3	
8.2	4640	172.34	27500	0.95	
8.9	4270	158.68	29600	1.05	
10	3820	141.83	31900	1.15	
11	3430	127.68	33400	1.25	
12	3110	115.63	34600	1.40	
14	2760	102.53	35700	1.55	R 107 WSS4.0KW-4
15	2490	92.70	36200	1.70	RF 107 WSS4.0KW-4
18	2110	78.57	34900	2.0	
19	1960	72.88	34200	2.2	
22	1760	65.60	33200	2.4	
24	1600	59.41	32300	2.7	
27	1420	52.68	31300	3.0	
12	3130	116.48	13800	0.95	
14	2780	103.44	22400	1.10	
15	2490	92.48	24100	1.20	
17	2240	83.15	25400	1.35	
20	1940	72.17	26600	1.55	
22	1750	65.21	26000	1.70	R 97 WSS4.0KW-4
24	1610	59.92	25500	1.85	RF 97 WSS4.0KW-4
27	1430	53.21	24700	2.1	
30	1280	47.58	24000	2.3	
33	1150	42.78	23400	2.6	
38	1000	37.13	22500	3.0	
43	890	33.25	21800	3.2	
44	860	32.05	21600	3.0	
52	730	27.19	20600	3.5	R 97 WSS4.0KW-4
57	675	25.03	20100	4.2	RF 97 WSS4.0KW-4
63	600	22.37	19500	4.5	
71	540	20.14	18900	4.8	
22	1710	63.68	13300	0.90	R 87 WSS4.0KW-4
24	1620	60.35	13900	0.95	RF 87 WSS4.0KW-4
27	1420	52.82	15200	1.10	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RB} [N]	使用系数 Service factor f_B	机型号 Model
4.0kW					
30	1280	47.58	16000	1.20	
34	1120	41.74	16800	1.40	R 87 WSS4.0KW-4
39	990	36.84	17400	1.55	RF 87 WSS4.0KW-4
43	880	32.66	17500	1.75	
51	750	27.88	16800	2.0	
41	930	34.40	17600	1.60	
45	840	31.40	17400	1.85	R 87 WSS4.0KW-4
51	750	27.84	16800	2.1	RF 87 WSS4.0KW-4
61	630	23.40	16100	2.5	
66	580	21.51	15700	2.6	
74	515	19.10	15200	2.8	
83	460	17.08	14700	3.0	R 87 WSS4.0KW-4
92	415	15.35	14300	3.2	RF 87 WSS4.0KW-4
107	360	13.33	13700	3.6	
119	320	11.93	13300	3.8	
39	990	36.83	4070	0.85	
42	900	33.47	9100	0.90	R 77 WSS4.0KW-4
49	780	29.00	10300	1.05	RF 77 WSS4.0KW-4
56	680	25.23	10800	1.15	
61	630	23.37	10600	1.30	
66	575	21.43	10400	1.40	
76	505	18.80	10100	1.55	
80	480	17.82	9950	1.65	
91	420	15.60	9630	1.75	
101	380	14.05	9380	1.90	
115	330	12.33	9070	2.1	R 77 WSS4.0KW-4
131	295	10.88	8780	2.3	RF 77 WSS4.0KW-4
147	260	9.64	8500	2.4	
165	230	8.59	8320	2.7	
183	210	7.74	8070	2.9	
209	183	6.79	7770	3.2	
237	161	5.99	7490	3.3	
267	14	5.31	7230	3.6	
71	535	19.89	7960	1.10	
79	485	17.95	7800	1.20	
90	425	15.79	7600	1.30	
95	400	14.91	7510	1.35	
112	340	12.70	7240	1.50	
123	310	11.54	7080	1.60	
142	270	10.00	6840	1.75	R 67 WSS4.0KW-4
163	235	8.70	6600	1.90	RF 67 WSS4.0KW-4
182	210	7.79	6440	1.80	
193	198	7.36	6340	1.85	
227	169	6.27	6070	1.95	
249	153	5.70	5920	2.0	
288	133	4.93	5680	2.2	
331	116	4.29	5460	2.3	
76	500	18.60	3520	0.90	R 57 WSS4.0KW-4
85	450	16.79	3830	1.00	RF 57 WSS4.0KW-4
96	395	14.77	3800	1.10	
102	375	13.95	3780	1.15	
120	320	11.88	3710	1.25	
132	290	10.79	3660	1.35	
152	250	9.35	3580	1.45	
157	245	9.06	3590	1.55	R 57 WSS4.0KW-4
178	215	7.97	3500	1.65	RF 57 WSS4.0KW-4
189	205	7.53	3470	1.75	
222	172	6.41	3350	1.95	
244	157	5.82	3280	2.0	
284	136	5.05	3180	2.2	
323	118	4.39	3070	2.4	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
4.0kW					
140	275	10.15	1960	0.85	
157	245	9.07	2350	0.90	
177	215	8.01	2640	0.95	R 47 WSS4.0KW-4
204	187	6.96	2480	0.85	RF 47 WSS4.0KW-4
237	161	6.00	2430	0.95	
252	152	5.64	2410	1.00	
293	131	4.85	2350	1.15	
327	117	4.34	2300	1.25	
371	103	3.83	2250	1.40	
176	215	16.22	2640	1.25	
196	195	14.56	2600	1.35	
228	168	12.54	2540	1.50	
242	158	11.79	2510	1.55	
282	136	10.15	2440	1.70	
315	121	9.07	2390	1.80	
357	107	8.01	2320	1.90	R 47 WSS4.0KW-2
369	104	7.76	2250	1.55	RF 47 WSS4.0KW-2
411	93	6.96	2200	1.70	
477	80	6.00	2130	1.95	
507	75	5.64	2100	2.1	
589	65	4.85	2020	2.3	
660	58	4.34	1970	2.5	
746	51	3.83	1910	2.8	
5.5kW					
2.2	22000	656	12000	0.80	
2.5	19300	579	12000	0.95	
2.8	16900	503	12000	1.05	
3.3	14400	432	12000	1.25	R167RF97 WSS5.5KW-4
3.8	12600	376	12000	1.45	RF167RF97 WSS5.5KW-4
4.3	11200	335	12000	1.60	
4.7	10100	303	12000	1.80	
5.1	9310	279	12000	1.95	
3.1	15500	462	43700	0.85	
3.3	14400	426	57800	0.9	
3.9	12400	368	63800	1.05	R147RF87 WSS5.5KW-4
4.4	11000	326	66300	1.2	RF147RF87 WSS5.5KW-4
5.1	9400	280	68600	1.4	
5.8	8300	247	70000	1.55	
6.7	71700	214	71200	1.8	
7.6	6340	189	71900	2	
3.1	17000	229.71	12000	1.05	
3.8	13800	186.93	12000	1.30	R 167 WSS5.5KW-8
4.6	11300	153.07	12000	1.60	RF 167 WSS5.5KW-8
5.1	10400	139.98	12000	1.75	
5.8	9010	121.81	12000	2.0	
4.3	12100	163.31	64400	1.10	
4.8	10900	146.91	66500	1.20	R 147 WSS5.5KW-8
5.9	8870	119.86	69300	1.45	RF 147 WSS5.5KW-8
6.5	8090	109.31	70200	1.60	
5.9	8930	163.31	69200	1.45	R 147 WSS5.5KW-6
6.5	8040	146.91	70300	1.60	RF 147 WSS5.5KW-6
8	6560	119.86	71700	2.0	
8.8	5980	109.31	72200	2.2	R 147 WSS5.5KW-6
10	5180	94.60	72800	2.5	RF 147 WSS5.5KW-6
12	4570	83.47	73200	2.8	
5.5	9480	128.18	44400	0.85	
6.2	8410	113.72	52200	0.95	R 137 WSS5.5KW-8
6.9	7630	103.20	54200	1.05	RF 137 WSS5.5KW-8
8.0	6560	88.70	56100	1.20	
5.5	9540	174.40	43300	0.85	
6.1	8550	156.31	51600	0.95	
6.8	7720	141.12	54000	1.05	R 137 WSS5.5KW-6
7.5	7010	128.18	55300	1.15	RF 137 WSS5.5KW-6
8.4	6220	113.72	56700	1.30	
9.3	5650	103.20	57600	1.40	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
5.5kW					
6.4	8180	222.60	53000	1.00	
7.6	6920	188.45	55500	1.15	
8.2	6410	174.40	56400	1.25	R 137 WSS5.5KW-4
9.1	5740	156.31	57400	1.40	RF 137 WSS5.5KW-4
10	5180	141.12	58200	1.55	
11	4710	128.18	58800	1.70	
13	4180	113.72	59300	1.90	
14	3790	103.20	59700	2.1	
16	3260	88.70	60200	2.5	R 137 WSS5.5KW-4
18	2970	80.91	60400	2.7	RF 137 WSS5.5KW-4
19	2700	73.49	60500	3.0	
22	2390	65.20	60700	3.3	
24	2170	59.17	60900	3.7	
28	1870	50.86	61000	4.3	
11	4690	127.68	27100	0.90	
12	4250	115.63	29800	1.00	
14	3770	102.53	32100	1.15	
15	3400	92.70	33500	1.25	
18	2980	78.57	33500	1.50	R 107 WSS5.5KW-4
20	2680	72.88	32900	1.60	RF 107 WSS5.5KW-4
22	2410	65.60	32100	1.80	
24	2180	59.41	31300	1.95	
27	1930	52.68	30300	2.2	
30	1750	47.63	29500	2.5	
35	1480	40.37	28200	2.9	
17	3050	83.15	17600	1.00	
20	2650	72.17	21800	1.15	
22	2390	65.21	24600	1.25	
24	2200	59.92	24200	1.35	
27	1950	53.21	23600	1.55	R 97 WSS5.5KW-4
30	1750	47.58	23000	1.70	RF 97 WSS5.5KW-4
33	1570	42.78	22500	1.90	
39	1360	37.13	21700	2.2	
43	1220	33.25	21100	2.4	
52	1010	27.58	20100	2.6	
45	1180	32.05	20900	2. 2	
53	1000	27.19	20000	2. 6	
57	920	25.03	19600	3. 1	R 97 WSS5.5KW-4
64	820	22.37	19000	3. 3	RF 97 WSS5.5KW-4
71	740	20.14	18400	3. 5	
78	670	18.24	17900	3. 7	
88	595	16.17	17300	4. 0	
30	1750	47.58	15400	0.90	
34	1530	41.74	17000	1.00	R 87 WSS5.5KW-4
39	1350	36.84	17200	1.15	RF 87 WSS5.5KW-4
44	1200	32.66	16700	1.30	
51	1020	27.88	16100	1.45	
51	1020	27.84	16100	1.50	
61	860	23.40	15500	1.80	
66	790	21.51	15200	1.90	
75	700	19.10	14700	2.0	
84	625	17.08	14300	2.2	R 87 WSS5.5KW-4
93	565	15.35	13900	2.4	RF 87 WSS5.5KW-4
107	490	13.33	13400	2.6	
120	440	11.93	13000	2.8	
144	365	9.90	12300	3.2	
156	335	9.14	12200	3.6	
174	300	8.22	11800	3.8	
200	260	7.13	11300	4.1	
76	690	18.80	9240	1.15	R 77 WSS5.5KW-4
80	655	17.82	9400	1.20	RF 77 WSS5.5KW-4
92	575	15.60	9150	1.30	
102	515	14.05	8950	1.40	
116	455	12.33	8690	1.50	
131	400	10.88	8440	1.65	
148	355	9.64	8190	1.80	
166	315	8.59	8080	2.0	R 77 WSS5.5KW-4
185	285	7.74	7860	2.2	RF 77 WSS5.5KW-4
211	250	6.79	7580	2.3	
239	220	5.99	7320	2.5	
269	195	5.31	7070	2.6	

R 斜齿轮减速机/R Helical Geared Motors

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
5.5kW					
91	580	15.79	6610	0.95	
96	550	14.91	6900	1.00	
113	465	12.70	6810	1.10	
124	425	11.54	6690	1.20	
143	365	10.00	6500	1.30	R 67 WSS5.5KW-4
164	320	8.70	6310	1.40	RF 67 WSS5.5KW-4
183	285	7.79	6180	1.35	
194	270	7.36	6100	1.35	
228	230	6.27	5860	1.45	
251	210	5.70	5720	1.50	
290	181	4.93	5510	1.60	
333	158	4.29	5310	1.70	
331	159	8.70	5300	2.8	
369	142	7.79	5160	2.7	
391	134	7.36	5080	2.8	R 67 WSS5.5KW-2
460	114	6.27	4860	2.9	RF 67 WSS5.5KW-2
506	104	5.70	4730	3.0	
584	90	4.93	4540	3.2	
671	78	4.29	4350	3.5	
97	545	14.77	1730	0.80	
103	510	13.95	2070	0.85	R 57 WSS5.5KW-4
120	435	11.88	2900	0.95	RF 57 WSS5.5KW-4
132	395	10.79	3270	1.00	
153	345	9.35	3240	1.10	
179	295	7.97	3220	1.20	
190	275	7.53	3200	1.25	R 57 WSS5.5KW-4
223	235	6.41	3120	1.40	RF 57 WSS5.5KW-4
246	215	5.82	3080	1.50	
283	185	5.05	3000	1.65	
326	161	4.39	2920	1.75	
308	171	9.35	2930	2.2	
361	145	7.97	2850	2.4	
383	137	7.53	2820	2.5	R 57 WSS5.5KW-2
449	117	6.41	2720	2.9	RF 57 WSS5.5KW-2
494	106	5.82	2660	3.0	
571	92	5.05	2560	3.3	
656	80	4.39	2470	3.5	
295	178	4.85	1870	0.85	R 47 WSS5.5KW-4
330	159	4.34	2110	0.90	RF 47 WSS5.5KW-4
373	141	3.83	2080	1.00	
230	230	12.54	1730	1.10	
244	215	11.79	1910	1.15	
284	185	10.15	2250	1.25	
318	165	9.07	2220	1.35	
359	146	8.01	2170	1.40	R 47 WSS5.5KW-2
480	109	6.00	2000	1.45	RF 47 WSS5.5KW-2
511	103	5.64	1970	1.50	
593	89	4.85	1920	1.70	
664	79	4.34	1870	1.85	
752	70	3.83	1820	2.1	
7.5kW					
2.8	23100	503	12000	0.80	
3.3	19800	432	12000	0.90	
3.8	17300	376	12000	1.05	R167/RF97 WSS7.5KW-4
4.3	15400	335	12000	1.15	RF167 WSS7.5KW-4
4.7	13900	303	12000	1.30	
5.1	12800	279	12000	1.40	
4.4	15000	326	50100	0.85	
5.1	12900	280	62900	1.00	
5.8	11400	247	65700	1.15	R147/RF97 WSS7.5KW-4
6.7	9810	214	68000	1.30	RF147/RF87 WSS7.5KW-4
7.6	8680	189	69500	1.50	
9.0	7290	159	71000	1.80	
3.1	22900	229.71	12000	0.80	
3.8	18600	186.93	12000	0.95	
4.7	15200	153.07	12000	1.20	R167 WSS7.5KW-8
5.1	13900	139.98	12000	1.30	RF167 WSS7.5KW-8
5.9	12100	121.81	12000	1.50	
4.2	17100	229.71	12000	1.05	R167 WSS7.5KW-6
5.1	13900	186.93	12000	1.30	RF167 WSS7.5KW-6

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
6.3	11400	153.07	12000	1.60	
6.9	10400	139.98	12000	1.70	
7.9	9090	121.81	12000	2.0	
8.9	8020	107.49	12000	2.2	R167 WSS7.5KW-6
10	6950	93.19	12000	2.6	RF167 WSS7.5KW-6
12	6190	82.91	12000	2.9	
13	5500	73.70	12000	3.3	
14	5030	67.40	12000	3.6	
4.4	16200	163.31	32800	0.80	
4.9	14600	146.91	55100	0.90	R147 WSS7.5KW-8
6.0	11900	119.86	64700	1.10	RF147 WSS7.5KW-8
6.6	10900	109.31	66500	1.20	
5.9	12200	163.31	64200	1.05	R147 WSS7.5KW-6
6.5	11000	146.91	66300	1.20	RF147 WSS7.5KW-6
8.0	8940	119.86	69200	1.45	
8.8	8150	109.31	70100	1.60	R147 WSS7.5KW-6
10	700	94.60	71300	1.85	RF147 WSS7.5KW-6
12	6230	83.47	72000	2.1	
7.6	9440	188.45	45300	0.85	
8.2	8730	174.40	50800	0.90	R137 WSS7.5KW-4
9.1	7830	156.31	53700	1.00	RF137 WSS7.5KW-4
10	7070	141.12	55200	1.15	
11	6420	128.18	56400	1.25	
13	5700	113.72	57500	1.40	
14	5170	103.20	58200	1.55	
16	4440	88.70	59100	1.80	R137 WSS7.5KW-4
18	4050	80.91	59500	1.95	RF137 WSS7.5KW-4
19	3680	73.49	59800	2.2	
22	3270	65.20	60100	2.5	
24	2960	59.71	60400	2.7	
28	2550	50.86	60600	3.1	
15	4640	92.70	27500	0.95	
18	3940	78.57	31300	1.10	
20	3650	72.88	31300	1.20	
22	3290	65.60	30600	1.30	R 107 WSS7.5KW-4
24	2980	59.41	30000	1.45	RF 107 WSS7.5KW-4
27	2640	52.68	29200	1.65	
30	2390	47.63	28500	1.80	
35	2020	40.37	27300	2.1	
41	1770	35.26	26400	2.4	
48	1480	29.49	25200	2.9	
46	1540	30.77	25500	2.8	
52	1380	27.58	24700	3.1	R 107 WSS7.5KW-4
57	1250	24.90	24100	3.5	RF 107 WSS7.5KW-4
63	1130	22.62	23400	3.8	
24	3000	59.92	19700	1.0	
27	2670	53.21	22200	1.15	
30	2380	47.58	21800	1.25	R 97 WSS7.5KW-4
33	2140	42.78	21300	1.40	RF 97 WSS7.5KW-4
39	1860	37.13	20700	1.60	
43	1670	33.25	20200	1.75	R 97 WSS7.5KW-4
52	1380	27.58	19400	1.95	RF 97 WSS7.5KW-4
45	1610	32.05	20000	1.60	
53	1360	27.19	19300	1.90	
57	1250	25.03	18900	2.3	R 97 WSS7.5KW-4
64	1120	22.37	18400	2.4	RF 97 WSS7.5KW-4
71	1010	20.14	17900	2.6	
78	910	18.24	17500	2.7	
39	1840	36.84	11500	0.85	R 87 WSS7.5KW-4
44	1640	32.66	15700	0.95	RF 87 WSS7.5KW-4
51	1400	27.88	15200	1.05	
51	1390	27.84	15200	1.10	
61	1170	23.40	14700	1.30	
66	1080	21.51	14500	1.40	
75	960	19.10	14100	1.50	
84	860	17.08	13700	1.65	
93	770	15.35	12500	1.75	
107	670	13.33	12900	1.90	R 87 WSS7.5KW-4
120	600	11.93	12600	2.1	RF 87 WSS7.5KW-4
144	495	9.90	12000	2.4	
156	460	9.14	11900	2.6	
174	410	8.22	11600	2.8	
200	355	7.13	11100	3.0	
224	320	6.39	10800	3.2	
270	265	5.30	10200	3.4	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
76	940	18.80	5310	0.85	
80	890	17.82	5720	0.85	
92	780	15.60	6610	0.95	
102	705	14.05	7180	1.00	
116	615	12.33	7750	1.10	R 77 WSS7.5KW-4
131	545	10.88	8010	1.20	RF 77 WSS7.5KW-4
148	485	9.64	7810	1.30	
166	430	8.59	7620	1.45	
185	390	7.74	7590	1.55	
211	340	6.79	7340	1.70	
239	300	5.99	7110	1.80	
269	265	5.31	6890	1.90	
113	635	12.70	4240	0.80	
124	580	11.54	4860	0.85	
143	500	10.00	5620	0.95	
164	435	8.70	5930	1.00	
183	390	7.79	5500	0.95	R 67 WSS7.5KW-4
194	370	7.36	5720	1.00	RF 67 WSS7.5KW-4
228	315	6.27	5600	1.05	
251	285	5.70	5480	1.10	
290	245	4.93	5300	1.15	
333	215	4.29	5130	1.25	
179	400	7.97	980	0.90	
190	375	7.53	1280	0.95	
223	320	6.41	2020	1.05	R 57 WSS7.5KW-4
246	290	5.82	2380	1.10	RF 57 WSS7.5KW-4
283	255	5.05	2760	1.20	
326	220	4.39	2710	1.25	
196	365	14.77	2580	1.20	
208	345	13.95	2780	1.25	
244	295	11.88	2780	1.40	
269	265	10.79	2750	1.45	
310	230	9.35	2710	1.60	
364	197	7.97	2670	1.80	R 57 WSS7.5KW-2
385	186	7.53	2640	1.90	RF 57 WSS7.5KW-2
452	158	6.41	2570	2.1	
498	144	5.82	2520	2.2	
575	125	5.05	2440	2.5	
660	108	4.39	2370	2.6	
9.2kW					
3.8	21100	3.76	120000	0.85	
4.3	18800	335	120000	0.95	R 167 D132ML4
4.8	16900	303	120000	1.05	RF 167 D132ML4
5.2	15600	279	120000	1.15	
5.1	15700	280	40800	0.85	
5.8	13900	247	60800	0.95	R 147 D132ML4
6.7	12000	214	64600	1.10	RF 147 D132ML4
7.6	10600	189	66900	1.25	
9.1	8900	159	69300	1.45	
8.8	9960	163.31	67800	1.30	R 147 D132ML4
9.8	8960	146.91	69200	1.45	RF 147 D132ML4
12	7310	119.86	71000	1.80	
13	6670	109.31	71600	1.95	
15	5770	94.60	72400	2.2	R 147 D132ML4
17	5090	83.47	72900	2.5	RF 147 D132ML4
20	4400	72.09	73300	3.0	
22	4090	66.99	73500	3.2	
9.2	9540	156.31	43400	0.85	
10	8610	141.12	51400	0.95	R 137 D132ML4
11	7820	128.72	53800	1.00	RF 137 D132ML4
13	6940	113.72	55500	1.15	
14	6300	103.20	56600	1.25	
16	5410	88.70	57900	1.50	
18	4940	80.91	58500	1.60	
20	4480	73.49	59000	1.80	R 137 D132ML4
22	3980	65.20	59500	2.0	RF 137 D132ML4
24	3610	59.17	59900	2.2	
28	3100	50.86	60300	2.6	
32	2710	44.39	60500	3.0	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{RA} [N]	使用系数 Service factor f_B	机型号 Model
9.2kW					
18	4790	78.57	23300	0.90	
20	4450	72.88	28600	0.95	
22	4000	65.60	29400	1.05	
24	3620	59.41	28800	1.20	
27	3210	52.68	28100	1.35	R 107 D132ML4
30	2910	47.63	27500	1.50	RF 107 D132ML4
36	2460	40.37	26500	1.75	
41	2150	35.26	25700	2.0	
49	1800	29.49	24600	2.4	
47	1880	30.77	24900	2.3	
52	1680	27.58	24200	2.6	
58	1520	24.90	23500	2.8	R 107 D132ML4
64	1380	22.62	23000	3.1	RF 107 D132ML4
72	1220	20.07	22200	3.5	
27	3250	53.21	3280	0.90	R 97 D132ML4
30	2900	47.58	20600	1.05	RF 97 D132ML4
34	2610	42.78	20300	1.15	
39	2270	37.13	19800	1.30	R 97 D132ML4
43	2030	33.25	19400	1.40	RF 97 D132ML4
52	1680	27.58	18700	1.60	
58	1530	25.03	18300	1.85	
64	1370	22.37	17900	2.0	
71	1230	20.14	17400	2.1	
79	1110	18.24	17000	2.2	R 97 D132ML4
89	990	16.17	16500	2.4	RF 97 D132ML4
98	890	14.62	16100	2.6	
116	755	12.39	15400	2.9	
67	1310	21.51	13900	1.15	
75	1170	19.10	13600	1.25	
84	1040	17.08	13200	1.35	
94	940	15.35	13000	1.45	
108	810	13.33	12600	1.55	
121	730	11.93	12200	1.70	R 87 D132ML4
145	605	9.90	11700	1.95	RF 87 D132ML4
158	560	9.14	11700	2.2	
175	500	8.22	11400	2.3	
202	435	7.13	10900	2.5	
225	390	6.39	10600	2.6	
102	860	14.05	4740	0.85	
117	750	12.33	5610	0.90	R 77 D132ML4
132	665	10.88	6280	1.00	RF 77 D132ML4
149	590	9.64	6800	1.05	
186	470	7.74	6300	1.30	
212	415	6.79	6720	1.40	R 77 D132ML4
240	365	5.99	6920	1.50	RF 77 D132ML4
271	325	5.31	6720	1.55	
277	315	5.19	9240	2.2	
310	285	4.65	8990	2.5	RX 107 D132ML4
343	255	4.20	8760	3.2	RXF 107 D132ML4
377	235	3.81	8540	3.6	
425	205	3.38	8270	4.0	
318	275	4.52	7370	2.2	
356	245	4.04	7170	2.4	
396	220	3.64	6980	2.7	
437	200	3.30	6800	3.0	
493	178	2.92	6590	3.3	RX 97 D132ML4
545	161	2.64	6410	3.7	RXF 97 D132ML4
643	137	2.24	6120	4.3	
736	119	1.96	5890	4.8	
880	100	1.64	5590	5.1	
1015	86	1.42	5360	5.3	
414	210	3.48	5220	1.90	
466	188	3.09	5080	2.2	
522	168	2.76	4950	2.4	
580	151	2.48	4820	2.7	
669	131	2.15	4650	2.9	RX 87 D132ML4
747	118	1.93	4520	3.0	RXF 87 D132ML4
900	98	1.60	4300	3.2	
1035	85	1.39	4140	3.4	

R 斜齿轮减速机/R Helical Geared Motors

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
9.2kW					
593	148	2.43	3010	1.45	
676	130	2.13	3160	1.55	RX 77 D132ML4
766	115	1.88	3260	1.65	RXF 77 D132ML4
864	102	1.67	3280	1.70	
1010	87	1.42	3160	1.80	
11.0kW					
4.9	19600	295	120000	0.90	
5.3	18100	270	120000	1.00	
6.3	15300	229	120000	1.20	R167RF107 WSS11.0KW-4
7.2	13400	200	120000	1.35	RF167RF107 WSS11.0KW-4
8.5	11300	169	120000	1.60	
5.0	19800	291	120000	0.90	R167RF107 WSS11.0KW-4 RF167RF107 WSS11.0KW-4
4.3	22500	335	120000	0.80	
4.8	20300	303	120000	0.90	R167RF97 WSS11.0KW-4
5.2	18700	279	120000	0.95	RF167RF97 WSS11.0KW-4
5.8	16600	247	26800	0.80	
6.7	14300	214	58300	0.90	RF167RF87 WSS11.0KW-4
7.6	12700	189	63300	1.05	RF167RF87 WSS11.0KW-4
9.1	10700	159	66800	1.20	
5.1	20500	186.93	120000	0.90	
6.3	16700	153.07	120000	1.05	R167 WSS11.0KW-6
6.9	15300	139.98	120000	1.20	RF167 WSS11.0KW-6
7.9	13300	121.81	120000	1.35	
6.3	16800	229.71	120000	1.05	R167 WSS11.0KW-4
7.7	13600	186.93	120000	1.30	RF167 WSS11.0KW-4
9.4	11200	153.07	120000	1.60	
10	10200	139.98	120000	1.75	
12	8890	121.81	120000	2.0	R167 WSS11.0KW-4
13	7840	107.49	120000	2.3	RF167 WSS11.0KW-4
15	6800	93.19	120000	2.7	
17	6050	82.91	120000	3.0	
6.5	16100	146.91	35400	0.80	
8.0	13100	119.86	62400	1.00	R147 WSS11.0KW-6
8.8	12000	109.31	64600	1.10	RF147 WSS11.0KW-6
10	10400	94.60	67300	1.25	
12	9130	83.47	39000	1.40	
8.8	11900	163.31	64700	1.10	R147 WSS11.0KW-4
9.8	10700	146.91	66700	1.20	RF147 WSS11.0KW-4
12	8740	119.86	69400	1.50	
13	7970	109.31	70300	1.65	
15	6900	94.60	71400	1.90	
17	6090	83.47	72100	2.1	R147 WSS11.0KW-4
20	5260	72.09	72800	2.5	RF147 WSS11.0KW-4
22	4890	66.99	73000	2.7	
24	4460	61.09	73300	2.9	
27	3860	52.87	73600	3.4	
10	10300	141.12	23300	0.80	
11	9350	128.18	46900	0.85	
13	8300	113.72	52700	0.95	
14	7530	103.20	54400	1.05	
16	6470	88.70	56300	1.25	
18	5900	80.91	57200	1.35	R137 WSS11.0KW-4
20	5360	73.49	57900	1.50	RF137 WSS11.0KW-4
22	4760	65.20	58700	1.70	
24	4320	59.17	59200	1.85	
28	3710	50.86	59800	2.2	
32	3240	44.39	60200	2.5	
38	2750	37.65	60500	2.9	
44	2400	32.91	60700	3.3	
22	4790	65.60	23700	0.90	
24	4330	59.41	27600	1.00	
27	3840	52.68	27100	1.10	
30	3470	47.63	26600	1.25	R 107 WSS11.0KW-4
36	2940	40.37	25700	1.45	RF 107 WSS11.0KW-4
41	2570	35.26	25000	1.65	
49	2150	29.49	24000	2.0	
47	2240	30.77	24200	1.90	
52	2010	27.58	23600	2.1	
58	1820	24.90	23100	2.4	
64	1650	22.62	22500	2.6	R 107 WSS11.0KW-4
72	1460	20.07	21800	2.9	RF 107 WSS11.0KW-4
79	1330	18.21	21300	3.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
11.0kW					
34	3120	42.78	14500	0.95	
39	2710	37.13	18900	1.10	R 97 WSS11.0KW-4
43	2430	33.25	18600	1.20	RF 97 WSS11.0KW-4
52	2010	27.58	18000	1.35	
58	1830	25.03	17700	1.55	R 97 WSS11.0KW-4
64	1630	22.37	17300	1.65	RF 97 WSS11.0KW-4
71	1470	20.14	16900	1.80	
79	1330	18.24	16600	1.90	
89	1180	16.17	16100	2.0	
98	1070	14.62	15700	2.2	
116	900	12.39	15100	2.4	
133	790	10.83	14600	2.7	R 97 WSS11.0KW-4
155	675	9.29	14300	3.0	RF 97 WSS11.0KW-4
172	610	8.39	13900	3.3	
202	520	7.12	13200	3.8	
232	455	6.21	12700	4.2	
67	1570	21.51	13200	0.95	R 87 WSS11.0KW-4
75	1390	19.10	13000	1.05	RF 87 WSS11.0KW-4
84	1250	17.08	12800	1.10	
94	1120	15.35	12500	1.20	
108	970	13.33	12200	1.30	
121	870	11.93	11900	1.40	
145	720	9.90	11400	1.65	R 87 WSS11.0KW-4
158	665	9.14	11500	1.80	RF 87 WSS11.0KW-4
175	600	8.22	11200	1.95	
202	520	7.13	10800	2.1	
225	465	6.39	10400	2.2	
272	385	5.30	9910	2.3	
132	795	10.88	4250	0.85	R 77 WSS11.0KW-4
149	705	9.64	5000	0.90	RF 77 WSS11.0KW-4
186	565	7.74	4630	1.10	
212	495	6.79	5250	1.15	R 77 WSS11.0KW-4
240	435	5.99	5720	1.25	RF 77 WSS11.0KW-4
271	390	5.31	6090	1.30	
15.0kW					
6.4	20700	229	120000	0.85	R167RF107 WSS11.0KW-6
7.3	18100	200	120000	1.00	RF167RF107 WSS11.0KW-6
8.6	15200	169	120000	1.20	
6.4	20800	227	120000	0.85	R167RF107 WSS11.0KW-6
7.4	18100	198	120000	1.00	RF167RF107 WSS11.0KW-6
6.3	22600	153.07	120000	0.80	
6.9	20700	139.98	120000	0.85	R167 WSS11.0KW-6
8.0	18000	121.81	120000	1.00	RF167 WSS11.0KW-6
9.0	15900	107.49	120000	1.15	
6.4	22500	229.71	120000	0.80	R167RF107 WSS11.0KW-6
7.8	18300	186.93	120000	1.00	RF167RF107 WSS11.0KW-6
9.5	15000	153.07	120000	1.20	
10	13700	139.98	120000	1.30	
12	12000	121.81	120000	1.50	
14	10500	107.49	120000	1.70	R167 WSS15.0KW-4
16	9140	93.19	120000	1.95	RF167 WSS15.0KW-4
18	8130	82.91	120000	2.2	
20	7230	73.70	120000	2.5	
22	6610	67.40	120000	2.7	
8.9	16100	109.31	34400	0.80	
10	14000	94.60	60600	0.95	R147 WSS15.0KW-6
12	12300	83.47	64000	1.05	RF147 WSS15.0KW-6
13	10600	72.09	66800	1.20	
14	9890	66.99	67900	1.30	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
15.0kW					
8.9	16000	163.31	36200	0.80	
9.9	14400	146.91	57400	0.90	R147 WSS15.0KW-4
12	11800	119.86	65000	1.10	RF147 WSS15.0KW-4
13	10700	109.31	66700	1.20	
15	9280	94.60	68800	1.40	
17	8190	83.47	70100	1.60	
20	7070	72.09	71300	1.85	R147 WSS15.0KW-4
22	6570	66.99	71700	2.0	RF147 WSS15.0KW-4
24	5990	61.09	72200	2.2	
28	5190	52.87	72800	2.5	
31	4580	46.65	73200	2.8	
14	10100	103.20	30700	0.80	
16	8700	88.70	51000	0.90	R137 WSS15.0KW-4
18	7940	80.91	53500	1.00	RF137 WSS15.0KW-4
20	7210	73.49	55000	1.10	
22	6400	65.20	56400	1.25	
25	5800	59.17	57300	1.40	R137 WSS15.0KW-4
29	4990	50.86	58400	1.60	RF137 WSS15.0KW-4
33	4360	44.39	59100	1.85	
39	3690	37.65	59800	2.2	
44	3230	32.91	60200	2.5	
52	2730	27.83	60500	2.8	
31	4670	47.63	24500	0.90	
36	3960	40.37	23900	1.10	R 107 WSS15.0KW-4
41	3460	35.26	23400	1.25	RF 107 WSS15.0KW-4
50	2890	29.49	22600	1.50	
47	3020	30.77	22800	1.40	
53	2710	27.58	22400	1.60	
59	2440	24.90	21900	1.75	
65	2220	22.62	21400	1.95	R 107 WSS15.0KW-4
73	1970	20.07	20900	2.2	RF 107 WSS15.0KW-4
80	1790	18.21	20400	2.4	
93	1540	15.65	19700	2.8	
107	1340	13.66	19000	3.2	
53	2710	27.58	16500	1.00	R 97 WSS15.0KW-4 RF 97 WSS15.0KW-4
58	2460	25.03	16300	1.15	
65	2200	22.37	16100	1.25	
72	1980	20.14	15800	1.30	
80	1790	18.24	15600	1.40	
90	1590	16.17	15200	1.50	
100	1430	14.62	14900	1.60	R 97 WSS15.0KW-4
118	1220	12.39	14400	1.80	RF 97 WSS15.0KW-4
135	1060	10.83	14000	1.92	
157	910	9.29	13800	2.2	
174	820	8.39	13400	2.5	
205	700	7.12	12800	2.9	
235	610	6.21	12400	3.1	
85	1680	17.08	11600	0.85	
95	1510	15.35	11500	0.90	R 87 WSS15.0KW-4
110	1310	13.33	11300	1.00	RF 87 WSS15.0KW-4
122	1170	11.93	11100	1.05	
147	970	9.90	10700	1.20	
160	900	9.14	11000	1.35	
178	810	8.22	10700	1.45	R 87 WSS15.0KW-4
205	700	7.13	10300	1.55	RF 87 WSS15.0KW-4
229	625	6.39	10100	1.65	
275	520	5.30	96000	1.75	
18.5kW					
7.8	22500	186.93	120000	0.80	
9.6	18500	153.07	120000	1.00	R 167 WSS18.5KW-4
10	16900	139.98	120000	1.05	RF 167 WSS18.5KW-4
12	14700	121.81	120000	1.25	
14	13000	107.49	120000	1.40	
16	11200	93.19	120000	1.60	R 167 WSS18.5KW-4
18	10000	82.91	120000	1.80	RF 167 WSS18.5KW-4
20	8890	73.70	120000	2.0	
22	8130	67.40	120000	2.2	
25	7070	58.65	120000	2.5	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
18.5kW					
12	14500	119.86	56900	0.90	R 147 WSS18.5KW-4
13	13200	109.31	62300	1.00	RF 147 WSS18.5KW-4
15	11400	94.60	65600	1.15	
18	10100	83.47	67700	1.30	
20	8690	72.09	69500	1.50	
22	8080	66.99	70200	1.60	R 147 WSS18.5KW-4
24	7370	61.09	71000	1.75	RF 147 WSS18.5KW-4
28	6380	52.87	71900	2.0	
31	5630	46.65	72500	2.3	
36	4860	40.29	73000	2.7	
18	9760	80.91	39000	0.80	
20	8860	73.49	50200	0.90	R 137 WSS18.5KW-4
22	7860	65.20	53700	1.00	RF 137 WSS18.5KW-4
25	7140	59.17	55100	1.10	
29	6130	50.86	56800	1.30	
33	5350	44.39	58000	1.50	R 137 WSS18.5KW-4
39	4540	37.65	58900	1.75	RF 137 WSS18.5KW-4
45	3970	32.91	59500	2.0	
53	3360	27.83	60100	2.3	
50	3570	29. 57	59900	2. 2	
61	2910	24. 12	60400	2. 8	R 137 WSS18.5KW-4
67	2650	22. 00	60600	3. 0	RF 137 WSS18.5KW-4
77	2300	19. 04	60800	3. 5	
87	2030	16. 80	60900	4. 0	
36	4870	40.37	20200	0.90	R 107 WSS18.5KW-4
42	4250	35.26	22000	1.00	RF 107 WSS18.5KW-4
50	3560	29.49	21500	1.20	
59	3000	24.90	20900	1.45	
65	2730	22.62	20600	1.60	
73	2420	20.07	20100	1.80	
80	2200	18.21	19700	1.95	
94	1890	15.65	19100	2.3	R 107 WSS18.5KW-4
107	1650	13.66	18500	2.6	RF 107 WSS18.5KW-4
126	1400	11.59	17800	3.1	
145	1220	10.13	17200	3.5	
186	950	7.86	16300	3.1	
220	800	6.66	15600	3.7	
73	2430	20.14	14900	1.05	
80	2200	18.24	14700	1.15	
91	1950	16.17	14500	1.25	
100	1760	14.62	14200	1.30	
118	1490	12.39	13800	1.45	R 97 WSS18.5KW-4
135	1310	10.83	13500	1.60	RF 97 WSS18.5KW-4
158	1120	9.29	13400	1.80	
175	1010	8.39	13100	2.0	
206	860	7.12	12600	2.3	
236	750	6.21	12100	2.5	
282	625	5.20	11600	2.8	
326	545	4.50	11100	3.0	
110	1610	13.33	10600	0.80	
123	1440	11.93	10400	0.85	
148	1190	9.90	10200	1.00	
160	1100	9.14	10600	1.10	R 87 WSS18.5KW-4
178	990	8.22	10300	1.15	RF 87 WSS18.5KW-4
205	860	7.13	10000	1.25	
229	770	6.39	9770	1.30	
276	640	5.30	9350	1.40	
22kW					
9.6	22000	153.07	120000	0.80	R 167 WSS22KW-4
10	20100	139.98	120000	0.90	RF 167 WSS22KW-4
12	17500	121.81	120000	1.05	

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输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
22kW					
14	15400	107.49	120000	1.15	R 167 WSS22KW-4 RF 167 WSS22KW-4
16	13400	93.19	120000	1.35	
18	11900	82.91	120000	1.50	
20	10600	73.70	120000	1.70	
22	9670	67.40	120000	1.85	
25	8410	58.65	120000	2.1	
28	7420	51.76	120000	2.4	
33	6430	44.87	120000	2.8	
13	15700	109.31	41300	0.85	R 147 WSS22KW-4 RF 147 WSS22KW-4
15	13600	94.60	61500	0.95	
18	12000	83.47	64600	1.10	
20	10300	72.09	67300	1.25	
22	9610	66.99	68300	1.35	R 147 WSS22KW-4 RF 147 WSS22KW-4
24	8760	61.09	69400	1.50	
28	7580	52.87	70800	1.70	
31	6690	46.65	71600	1.95	
36	5780	40.29	72400	2.2	
41	5110	35.64	72900	2.5	
49	4300	29.95	73400	3.0	
22	9350	65.20	46900	0.85	R 137 WSS22KW-4 RF 137 WSS22KW-4
25	8480	59.17	51900	0.95	
29	7290	50.86	54800	1.10	
33	6370	44.39	56500	1.25	
39	5400	37.65	57900	1.50	R 137 WSS22KW-4 RF 137 WSS22KW-4
45	4720	32.91	58700	1.70	
53	3990	27.83	59500	1.90	
50	4240	29.57	59300	1.85	R 137 WSS22KW-4 RF 137 WSS22KW-4
61	3460	24.12	60000	2.3	
67	3150	22.00	60200	2.5	
77	2730	19.04	60500	2.9	
87	2410	16.80	60700	3.3	R 137 WSS22KW-4 RF 137 WSS22KW-4
101	2080	14.51	60900	3.8	
114	1840	12.83	61000	4.3	
42	5060	35.26	7280	0.85	R 107 D18L4 RF 107 D18L4
50	4230	29.49	20400	1.00	
59	3570	24.90	20000	1.20	R 107 D18L4 RF 107 D18L4
65	3240	22.62	19700	1.35	
73	2880	20.07	19300	1.50	
80	2610	18.21	19000	1.65	R 107 D18L4 RF 107 D18L4
94	2240	15.65	18500	1.90	
107	1960	13.66	18000	2.2	
126	1660	11.59	17300	2.6	
145	1450	10.13	16800	3.0	
171	1230	8.56	16100	3.5	
186	1130	7.86	16100	2.6	
220	960	6.66	15400	3.1	
252	840	5.82	14800	3.6	
73	2890	20.14	14000	0.90	R 97 D18L4 RF 97 D18L4
80	2620	18.24	13900	0.95	
91	2320	16.17	13700	1.05	
100	2100	14.62	13600	1.10	
118	1780	12.39	13200	1.25	R 97 D18L4 RF 97 D18L4
135	1550	10.83	13000	1.35	
158	1330	9.29	13100	1.50	
175	1200	8.39	12800	1.70	
206	1020	7.12	12300	1.95	
236	890	6.21	11900	2.1	
282	745	5.20	11400	2.4	
326	645	4.50	10900	2.5	
148	1420	9.90	9640	0.85	R 87 D18L4 RF 87 D18L4
160	1310	9.14	10100	0.90	
178	1180	8.22	9960	1.00	
205	1020	7.13	9700	1.05	
229	920	6.39	9490	1.10	
276	760	5.30	9110	1.20	
531	395	2.76	1270	1.00	R 87 D18L4 RF 87 D18L4
590	355	2.48	1710	1.15	
680	310	2.15	2160	1.25	
760	275	1.93	2450	1.30	
916	230	1.60	2750	1.35	
1055	200	1.39	3030	1.45	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
30kW					
14	20900	107.49	120000	0.85	R 167 WSS30KW-4 RF 167 WSS30KW-4
16	18200	93.19	120000	1.00	
18	16200	82.91	120000	1.10	
20	14400	73.70	120000	1.25	R 167 WSS30KW-4 RF 167 WSS30KW-4
22	13100	67.40	120000	1.35	
25	11400	58.65	120000	1.55	
28	10100	51.76	120000	1.80	
33	8740	44.87	120000	2.1	
37	7780	39.92	120000	2.3	
43	6710	34.41	120000	2.7	
53	5450	27.96	120000	3.3	
62	4620	23.71	120000	3.9	
18	16300	83.47	32400	0.80	R 147 WSS30KW-4 RF 147 WSS30KW-4
20	14000	72.09	60400	0.95	
22	13100	66.99	62500	1.00	
24	11900	61.09	64700	1.10	
28	10300	52.87	67300	1.25	R 147 WSS30KW-4 RF 147 WSS30KW-4
32	9090	46.65	69000	1.45	
36	7850	40.29	70500	1.65	
41	6950	35.64	71400	1.85	
49	5840	29.95	72300	2.2	
61	4710	24.19	72100	2.5	
72	3980	20.44	73600	3.0	R 147 WSS30KW-4 RF 147 WSS30KW-4
82	3510	18.04	73800	3.0	
94	3050	15.64	74000	4.3	
29	9910	50.86	35800	2.80	R 137 WSS30KW-4 RF 137 WSS30KW-4
33	8650	44.39	51200	1.90	
39	7340	37.65	54700	1.10	
45	6410	32.91	56400	1.25	
53	5420	27.83	57900	1.40	
61	4700	24.12	58800	1.70	R 137 WSS30KW-4 RF 137 WSS30KW-4
67	4290	22.00	59200	1.85	
77	3710	19.04	59800	2.2	
88	3270	16.80	60100	2.4	
101	2830	14.51	59500	2.80	R 137 WSS30KW-4 RF 137 WSS30KW-4
115	2500	12.83	58400	3.2	
136	2100	10.79	56600	3.8	
194	1480	7.59	53300	3.5	
230	1240	6.38	51300	4.1	
73	3910	20.07	17600	1.10	R 107 D200L4 RF 107 D200L4
81	3550	18.21	17400	1.20	
94	3050	15.65	17100	1.40	
108	2660	13.66	16800	1.60	
127	2260	11.59	16300	1.90	
145	1970	10.13	15900	2.2	
172	1670	8.56	15400	2.6	
187	1530	7.86	15500	1.95	
221	1300	6.66	14900	2.3	
252	1140	5.82	14400	2.6	
299	960	4.92	13700	3.0	
101	2850	14.62	12000	0.80	R 97 D200L4 RF 97 D200L4
119	2420	12.39	11900	0.90	
136	2110	10.83	11800	1.00	
158	1810	9.29	12300	1.10	
175	1640	8.39	12100	1.25	
207	1390	7.12	11700	1.45	R 97 D200L4 RF 97 D200L4
237	1210	6.21	11400	1.55	
283	1010	5.20	10900	1.75	
327	880	4.50	10500	1.85	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
37kW					
16	22400	93.19	120000	0.80	R 167 WSS37KW-4 RF 167 WSS37KW-4
18	19900	82.91	120000	0.90	
20	17700	73.70	120000	1.00	
22	16200	67.40	120000	1.10	
25	14100	58.65	120000	1.30	
28	12400	51.76	120000	1.45	
33	10800	44.87	120000	1.65	
37	9600	39.92	120000	1.90	
43	8270	34.41	120000	2.2	
53	6720	27.96	120000	2.7	
48	7380	30.71	120000	1.35	R 167 WSS37KW-4 RF 167 WSS37KW-4
60	5900	24.57	120000	2.4	
67	5250	21.85	120000	2.5	
77	4580	19.03	120000	3.5	
87	4080	16.98	120000	3.7	
22	16100	66.99	35000	0.80	R 147 WSS37KW-4 RF 147 WSS37KW-4
24	14700	61.09	54200	0.90	
28	12700	52.87	63200	1.00	
32	11200	46.65	65900	1.15	R 147 WSS37KW-4 RF 147 WSS37KW-4
36	9680	40.29	68200	1.35	
40	8750	35.64	69700	1.50	
49	7200	29.95	71100	1.80	
61	5810	24.19	72400	2.0	
72	4910	20.44	73000	2.4	R 147 WSS37KW-4 RF 147 WSS37KW-4
82	4340	18.04	73400	2.4	
94	3760	15.64	73700	3.5	
106	3340	13.91	73900	3.8	R 147 WSS37KW-4 RF 147 WSS37KW-4
39	9050	37.65	49400	0.90	R 137 WSS37KW-4 RF 137 WSS37KW-4
45	7910	32.91	53600	1.00	
53	6690	27.83	55900	1.15	
61	5800	24.12	57300	1.40	R 137 WSS37KW-4 RF 137 WSS37KW-4
67	5290	22.00	58000	1.50	
77	4580	19.04	57800	1.75	
88	4040	16.80	57300	2.0	
101	3490	14.51	56600	2.3	R 137 WSS30KW-4 RF 137 WSS30KW-4
115	3080	12.83	55800	2.6	
136	2590	10.79	54400	3.1	
169	2090	8.71	52600	3.7	
194	1820	7.59	51900	2.8	
230	1530	6.38	50100	3.3	
285	1240	5.15	47800	3.7	
73	4820	20.07	16100	0.90	R 107 D225S4 RF 107 D225S4
81	4380	18.21	16100	1.00	
94	3760	15.65	15900	1.15	
108	3280	13.66	15700	1.30	
127	2790	11.59	15400	1.55	
145	2430	10.13	15100	1.75	
172	2060	8.56	14700	2.1	
187	1890	7.86	15000	1.55	
221	1600	6.66	14400	1.85	
252	1400	5.82	14000	2.1	
299	1180	4.92	13400	2.5	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
45kW					
20	21500	73.77	120000	0.85	R 167 WSS45KW-4 RF 167 WSS45KW-4
22	19700	67.40	120000	0.90	
25	17100	58.65	120000	1.05	
28	15100	51.76	120000	1.20	
33	13100	44.87	120000	1.35	R 167 WSS45KW-4 RF 167 WSS45KW-4
37	11700	39.92	120000	1.55	
43	10100	34.41	120000	1.80	
53	8170	27.96	120000	2.2	
62	6930	23.71	120000	2.6	
48	8980	30.71	120000	1.10	R 167 WSS45KW-4 RF 167 WSS45KW-4
60	7180	24.57	120000	1.95	
67	6390	21.85	120000	2.0	
77	5560	19.03	120000	2.9	
87	4960	16.98	120000	3.0	
28	15500	52.87	44400	0.85	R 147 WSS45KW-4 RF 147 WSS45KW-4
32	13600	46.65	61300	0.95	
36	11800	40.29	65000	1.10	
41	10400	35.64	67200	1.25	
49	8760	29.95	69400	1.50	
61	7070	24.19	71300	1.70	
72	5970	20.44	72200	2.0	R 147 WSS45KW-4 RF 147 WSS45KW-4
82	5270	18.04	72800	2.0	
94	4570	15.64	73200	2.8	
106	4070	13.91	73500	3.1	
123	3510	11.99	73800	3.7	
203	2120	7.25	74300	4.1	
45	9620	32.91	41700	0.85	R 137 WSS45KW-4 RF 137 WSS45KW-4
53	8130	27.83	51200	0.95	
61	7050	24.12	52400	1.15	R 137 WSS45KW-4 RF 137 WSS45KW-4
67	6430	22.00	52900	1.25	
77	5570	19.04	53300	1.45	
88	4910	16.80	53400	1.65	
101	4240	14.51	53200	1.90	R 137 WSS45KW-4 RF 137 WSS45KW-4
115	3750	12.83	52800	2.1	
136	3150	10.79	51900	2.5	
169	2550	8.71	50500	3.1	
194	2220	7.59	50200	2.3	
230	1860	6.38	48700	2.7	
285	1510	5.15	46700	3.0	
94	4580	15.65	14600	0.95	R 107 D225M4 RF 107 D225M4
108	3990	13.66	14600	1.10	
127	3390	11.59	14400	1.25	
145	2960	10.13	14300	1.45	
172	2500	8.56	14000	1.70	
187	2300	7.86	14400	1.30	
221	1950	6.66	14000	1.50	
252	1700	5.82	13600	1.75	
299	1440	4.92	13100	2.0	
434	990	3.38	1360	0.85	R 107 D225M4 RF 107 D225M4
479	900	3.07	2080	0.90	
557	770	2.64	2970	1.10	
638	675	2.30	3640	1.25	
752	570	1.95	4200	1.35	
860	500	1.71	4540	1.40	
1020	420	1.44	4880	1.55	
55kW					
25	20900	58.65	120000	0.85	R 167 WSS55KW-4 RF 167 WSS55KW-4
29	18400	51.76	120000	1.00	
33	16000	44.87	120000	1.15	
37	14200	39.92	120000	1.25	
43	12300	34.41	120000	1.45	
53	9960	27.96	120000	1.80	
62	8440	23.71	120000	2.1	

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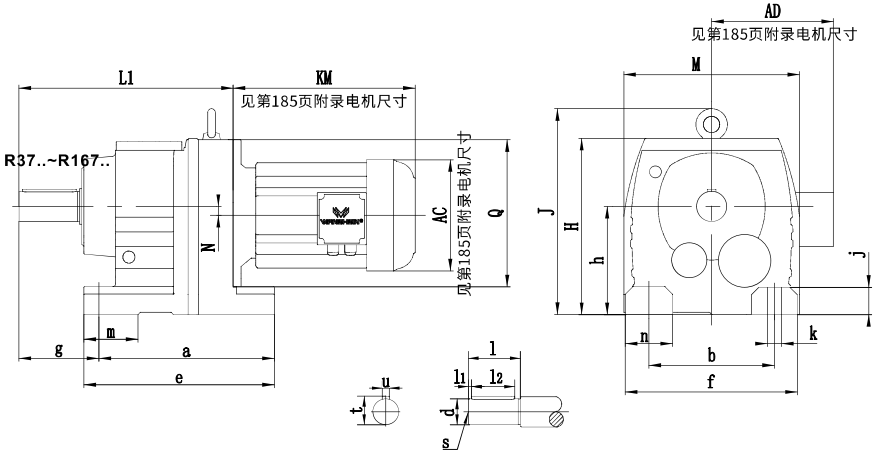
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
55kW					
60	8750	24.57	120000	1.60	R 167 WSS55KW-4
68	7780	21.85	120000	1.65	RF 167 WSS55KW-4
77	6780	19.03	120000	2.4	
87	6050	16.98	120000	2.5	R 167 WSS55KW-4
102	5150	14.48	120000	3.5	RF 167 WSS55KW-4
123	4270	11.99	120000	4.0	
32	16600	46.65	26600	0.80	
37	14300	40.29	58200	0.90	
41	12700	35.64	63300	1.00	R 147 WSS55KW-4
49	10700	29.95	66800	1.20	RF 147 WSS55KW-4
61	8610	24.19	69600	1.40	
72	7280	20.44	71100	1.65	
82	6420	18.04	71900	1.65	
94	5570	15.64	72500	2.3	R 147 WSS55KW-4
106	4950	13.91	73000	2.5	RF 147 WSS55KW-4
123	4270	11.99	73400	3.0	
151	3470	9.74	73800	3.8	R 147 WSS55KW-4
203	2580	7.25	74200	3.4	RF 147 WSS55KW-4
250	2100	5.89	72500	4.1	
77	6780	19.04	47800	1.20	R 137 WSS55KW-4
88	5980	16.80	48500	1.35	RF 137 WSS55KW-4
102	5170	14.51	48900	1.55	
115	4570	12.83	49000	1.75	
137	3840	10.79	48800	2.1	
169	3100	8.71	48000	2.5	R 137 WSS55KW-4
194	2700	7.59	48100	1.90	RF 137 WSS55KW-4
231	2270	6.38	46900	2.2	
286	1830	5.15	45200	2.5	
75kW					
33	21700	44.87	120000	0.85	
37	19300	39.92	120000	0.95	
43	16700	34.41	120000	1.10	R 167 WSS75KW-4
53	13500	27.96	120000	1.35	RF 167 WSS75KW-4
62	11500	23.71	120000	1.55	
60	11900	24.57	120000	1.20	
68	10600	21.85	120000	1.25	R 167 WSS75KW-4
78	9210	19.03	120000	1.75	RF 167 WSS75KW-4
87	8220	16.98	120000	1.85	
102	7000	14.48	120000	2.6	R 167 WSS75KW-4
123	5800	11.99	116600	2.9	RF 167 WSS75KW-4
145	4950	10.24	112800	3.4	
49	14500	29.95	56500	0.90	R 147 WSS75KW-4
61	11700	24.19	65100	1.00	RF 147 WSS75KW-4
72	9890	20.44	67900	1.20	
82	8730	18.04	69500	1.20	R 147 WSS75KW-4
95	7570	15.64	70800	1.70	RF 147 WSS75KW-4
106	6730	13.91	71600	1.85	
123	5800	11.99	72400	2.2	
152	4710	9.74	73100	2.8	
179	4000	8.26	73500	3.2	R 147 WSS75KW-4
204	3510	7.25	73100	2.5	RF 147 WSS75KW-4
251	2850	5.89	70100	3.0	
296	2420	5.00	67600	3.6	
90kW					
37	23200	39.72	120000	0.80	
43	20000	34.41	120000	0.90	R 167 WSS90KW-4
53	16200	27.96	120000	1.10	RF 167 WSS90KW-4
62	13800	23.71	120000	1.30	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
90kW					
60	14300	24.57	120000	1.00	R 167 WSS90KW-4
68	12700	21.85	120000	1.00	RF 167 WSS90KW-4
78	11100	19.03	120000	1.45	
87	9860	16.98	120000	1.50	
102	8410	14.48	117300	2.1	R 167 WSS90KW-4
123	6960	11.99	113500	2.4	RF 167 WSS90KW-4
145	5940	10.24	110100	2.9	
72	11900	20.44	64800	1.00	
82	10500	18.04	67100	1.00	R 147 WSS90KW-4
95	9080	15.64	69000	1.45	RF 147 WSS90KW-4
106	8080	13.91	70200	1.55	
123	6960	11.99	71400	1.85	
152	5660	9.74	72500	2.3	
179	4800	8.26	73000	2.7	R 147 WSS90KW-4
204	4210	7.25	70900	2.1	RF 147 WSS90KW-4
251	3420	5.89	68300	2.5	
296	2900	5.00	66100	3.0	
110kW					
53	19800	27.96	117100	0.95	R 167 WSS110KW-4
63	16800	23.71	116900	1.05	RF 167 WSS110KW-4
78	13500	19.03	115500	1.20	
87	12000	16.98	114300	1.25	R 167 WSS110KW-4
103	10200	14.48	112200	1.75	RF 167 WSS110KW-4
124	8480	11.99	109300	2.0	
145	7240	10.24	106500	2.3	
132kW					
63	20100	23.71	107900	0.90	R 167 WSS132KW-4
					RF 167 WSS132KW-4
78	16200	19.03	108300	1.00	
87	14400	16.98	107800	1. 05	R 167 WSS132KW-4
103	12300	14.48	106700	1. 45	RF 167 WSS132KW-4
124	10200	11.99	104700	1. 65	
145	8690	10.24	102600	1. 95	
160kW					
103	14900	14. 48	99700	1. 20	R 167 WSS160KW-4
124	12300	11. 99	98900	1. 40	RF 167 WSS160KW-4
145	10500	10. 24	97600	1. 60	



型号 Size	a b	e f	g	h	j	k	m n	轴伸尺寸 Shaft dimension d	l	l_1 l_2	s	t u	H	J	L_1	M	N	Q
R37..	130 110	160 145	75	90$_{-0.5}$	18	9	40 35	25k6	50	3.5 40	M10	28 8	151	/	201	145	10.1	120
R47..	165 135	195 170	90	115$_{-0.5}$	24	13.5	50 42	30k6	60	3.5 50	M10	33 8	187	/	235	178	14	160
R57..	165 135	200 190	100	115$_{-0.5}$	24	13.5	60 55	35k6	70	7 56	M12	38 10	187	/	257	202	11.2	160
R67..	195 150	235 210	100	130$_{-0.5}$	30	14	60 60	35k6	70	7 56	M12	38 10	212	243	280	215	20.7	160
R77..	205 170	245 230	115	140$_{-0.5}$	30	17.5	60 60	40k6	80	5 70	M16	43 12	228	269	300	235	15.9	200
R87..	260 215	310 290	140	180$_{-0.5}$	45	17.5	90 75	50k6	100	10 80	M18	53.5 14	295	345	372	297	12.6	250

型号 Size	a b	e f	g	h	j	k	m n	轴伸尺寸 Shaft dimension d	l	l_1 l_2	s	t u	H	J	L M	N	Q
R97..	310 250	365 340	160	225$_{-0.5}$	55	22	100 90	60m6	120	5 110	M20	64 18	368	418	440 348	10.2	300
R107..	370 290	440 400	185	250$_{-0.5}$	65	26	125 110	70m6	140	7.5 125	M20	74.5 20	408	475	495 409	20.4	350
R137..	410 340	490 450	220	315$_{-1}$	70	33	130 110	90m6	170	5 160	M24	95 25	495	562	589 458	25.1	400
R147..	500 380	590 530	260	335$_{-1}$	80	39	150 150	110m6	210	15 180	M24	116 28	565	637	695 540	33.4	450
R167..	580 500	670 660	270	455$_{-1}$	100	39	160 160	120m6	210	5 200	M24	127 32	675	749	790 670	59.9	550

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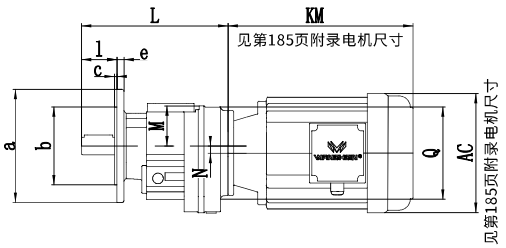
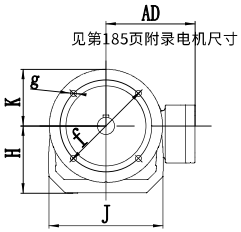
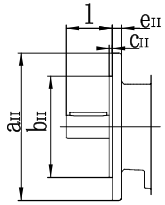
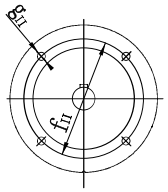
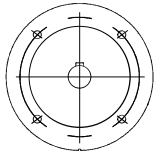
RF37..~RF167..



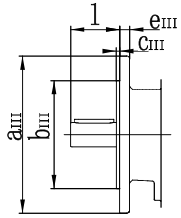


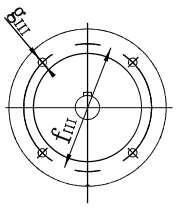




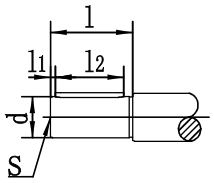


Flg. 1 Flg. 2





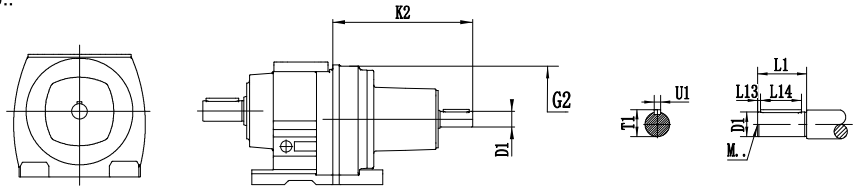
法兰型式
Flange form



型号 Size	法兰尺寸 Flange dimension	a aII aIII	b bII bIII	c cII cIII	e eII eIII	f fII fIII	g gII gIII	H J K	L M N	Q	轴伸尺寸 Shaft dimension				
											d	l	l_1 l_2	s	t u
RF37..	Flg.1	120 160 200	80j6 110j6 130j6	3 3.5 3.5	8 10 12	100 130 165	6.6 9 11	94 161 /	207 61 10.1	120	25k6	50	3.5 40	M10	28 8
RF47..	Flg.1	140 160 200	95j6 110j6 130j6	3 3.5 3.5	10 10 12	115 130 165	9 9 11	118 178 /	235 72 14	160	30k6	60	3.5 50	M10	33 8
RF57..	Flg.1	160 200 250	110j6 130j6 180j6	3.5 3.5 4	10 12 15	130 165 215	9 11 13.5	121 202 /	257 72 11.2	160	35k6	70	7 56	M12	38 10
RF67..	Flg.1	200 250 /	130j6 180j6 /	3.5 4 /	12 15 /	165 215 /	11 13.5 /	134 215 113	280 82 20.7	160	35k6	70	7 56	M12	38 10
RF77..	Flg.1	250 300 /	180j6 230j6 /	4 4 /	15 18.5 /	215 265 /	13.5 13.5 /	144 235 129	300 88 15.9	200	40k6	80	5 70	M16	43 12
RF87..	Flg.1	300 350 /	230j6 250j6 /	4 5 /	16 18 /	265 300 /	13.5 17.5 /	184 297 165	372 115 12.6	250	50k6	100	10 80	M16	53.5 14
RF97..	Flg.1 Flg.1 /	350 450 /	250h6 350h6 /	5 5 /	18 22 /	300 400 /	17.5 17.5 /	230 348 193	440 144 10.2	300	60m6	120	5 110	M20	64 18
RF107..	Flg.1 Flg.1 /	350 450 /	250h6 350h6 /	5 5 /	20 22 /	300 400 /	17.5 17.5 /	255 409 224	495 158 20.4	350	70m6	140	7.5 125	M20	74.5 20
RF137..	Flg.2	450 550 /	350h6 450h6 /	5 5 /	22 25 /	400 500 /	17.5 17.5 /	320 458 247	589 180 25.1	400	90m6	170	5 160	M24	95 25
RF147..	Flg.2	450 550 /	350h6 450h6 /	5 5 /	22 25 /	400 500 /	17.5 17.5 /	361 540 285	695 210 33.4	450	110m6	210	15 180	M24	116 28
Rf167..	Flg.2	550 660 /	450h6 550h6 /	5 6 /	25 28 /	500 600 /	17.5 22 /	430 670 324	790 250 59.9	550	120m6	210	5 200	M24	127 32

R 斜齿轮减速机/R Helical Geared Motors

R..AD..



		G2	K2	D1	L1	L13	L14	T1	U1	M
R..37	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
R..47 R..57 R..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
R..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
R..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	15	70	45	12	M16
R..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	Ad5		287	42	110	15	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16
R..107	AD3	350	145	28	60	5	50	31	8	M10
	AD4		208	38	80	5	70	41	10	M12
	AD5		281	42	110	15	70	45	12	M16
	AD6		321	48	110	10	80	51.5	14	M16
R..137	AD4	400	201	38	80	5	70	41	10	M12
	AD5		274	42	110	15	70	45	12	M16
	AD6		314	48	110	10	80	51.5	14	M16
	AD7		308	55	110	10	90	59	16	M20
R..147	AD4	450	193	38	80	5	70	41	10	M12
	AD5		266	42	110	15	70	45	12	M16
	AD6		306	48	110	10	80	51.5	14	M16
	AD7		300	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
R..167	AD5	550	258	42	110	15	70	45	12	M16
	AD6		298	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

R..AM..

Fig. 1

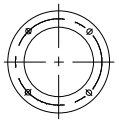
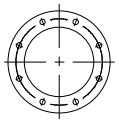


Fig. 2



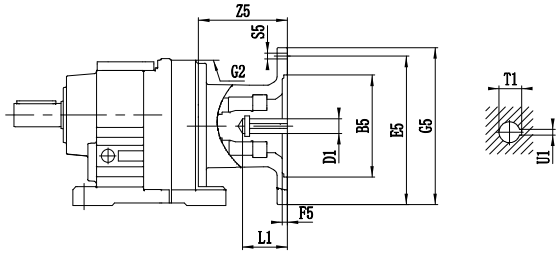


		Fig	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
R..37	Am63	1	95	115	3.5	120	140	M8	72	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	106	19	40	21.8	6
	AM90									24	50	27.3	6
R..47 R..57 R..67	AM63	1	95	115	3.5	160	140	M8	66	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	99	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	134	28	60	31.3	8
	AM112												
R..77	AM63	1	95	115	3.5	200	140	M8	60	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	92	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	126	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265	5		300		179	38	80	41.3	10
	AM132ML												
R..87	AM80	1	130	165	4.5	250	200	M10	87	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	121	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		174	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	232	42	110	45.3	12
	AM180									48		51.8	14
R..97	AM100	1	180	215	5	300	250	M12	116	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		169	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	227	42	110	45.3	12
	AM180									48		51.8	14
	Am200		300	350	7		400		268	55		59.3	16
	AM225[1]	2	350	400			450		283	60	140	64.4	18

R 斜齿轮减速机/R Helical Geared Motors

R..AM..

Fig. 1 Fig. 2

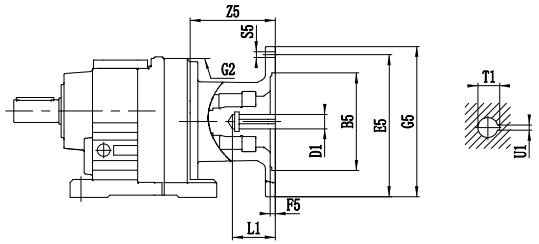
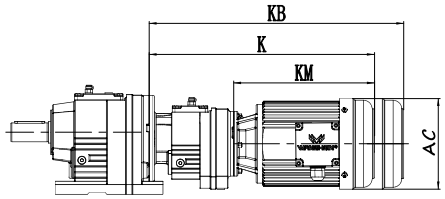


		Fig	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
R..107	Am100	1	180	215	5	350	250	M12	110	28	60	31.3	8
	AM112												
	AM132S		230	265			300		163	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	221	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350			400		262	55		59.3	16
	AM225	2	350	400	7		450		277	60	140	64.4	18
R..137	AM132S AM132M	1	230	265	5	400	300	M12	156	38	80	41.3	10
	AM132ML		250	300	6		350	M16	214	42	110	45.3	12
	AM160									48		51.8	14
	AM180												
	AM200		300	350	7		400		255	55		59.3	16
	AM225	2	350	400			450		270	60	140	64.4	18
R..147	AM132S	1	230	265	5	450	300	M12	148	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	206	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		247	55		59.3	16
	AM225	2	350	400			450		262	60	140	64.4	18
	AM250		450	500			550		336	65		69.4	
	AM280									75		79.9	20
R..167	AM160	1	250	300	6	550	350	M16	198	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		239	55		59.3	16
	AM225	2	350	400			450		254	60	140	64.4	18
	AM250		450	500			550		328	65		69.4	
	AM280									75		79.9	20

1）如果安装在R系列脚安装方式的减速机上，请检查尺寸G5/2，它可能已突出平面
If it is installed on gear units with foot-mounted R series, please check the dimension of G5/2 as it may have protruded above surface.

R..R..



型号组合	功率(KW)	AC	K	KB	KM
R..47R37 R..57R37 R..67R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
R..77R37	0.18	129	363.5	400	206.5
	0.25-0.37	129	364/376.5	399.5/413	207/219.5
	0.55-0.75	169	403.5/404	448.5/449	246.5/247
	1.1-1.5	192	455	500.5	298
R..87R57	0.18	129	422.5	459	206.5
	0.25-0.37	129	423/433.5	458.5/472	207/219.5
	0.55-0.75	169	462.5/463	507.5/508	246.5/247
	1.1-1.5	192	514	559.5	298
	2.2	219	538.5	600.5	322.5
	3	219	538.5	600.5	322.5
R..97R57	0.18	129	417.5	454	206.5
	0.25-0.37	129	418/430.5	453.5/467	207/219.5
	0.55-0.75	169	457.5/458	502.5/503	246.5/247
	1.1-1.5	192	509	554.5	298
	2.2	219	533.5	595.5	322.5
	3	219	533.5	595.5	322.5
R..107R77	0.18	129	453.5	454	206.5
	0.25-0.37	129	454/466.5	489.5/503	207/219.5
	0.55-0.75	169	493.5/494.5	538.5/539	246.5/247
	1.1-1.5	192	545	590.5	298
	2.2	219	569.5	631.5	322.5
	3	219	569.5	631.5	322.5
	4	219	585.5	647.5	338.5
	5.5	257	656	724	409
	7.5	257	699	767	452
	9.2	257	699	767	452
	11-15	318	755	855	508
R..137R77	0.18	129	446.5	483	206.5
	0.25-0.37	129	447/459.5	482.5/496	207/219.5
	0.55-0.75	169	486.5/487	531.5/532	246.5/247
	1.1-1.5	192	538	583.5	298
	2.2	219	562.5	624.5	322.5
	3	219	562.5	624.5	322.5
	4	219	578.5	640.5	338.5
	5.5	257	649	717	409
	7.5	257	692	760	452
	9.2	257	692	760	452
	11-15	318	748	848	508

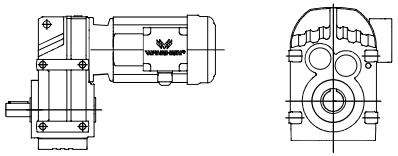
型号组合	功率(KW)	AC	K	KB	KM
R..147R77	0.18	129	438.5	475	206.5
	0.25-0.37	129	439/451.5	474.5/488	207/219.5
	0.55-0.75	169	478.5/479	523.5/524	246.5/247
	1.1-1.5	192	530	575.5	298
	2.2	219	554.5	616.5	322.5
	3	219	554.5	616.5	322.5
	4	219	570.5	632.5	338.5
	5.5	257	641	709	409
	7.5	257	684	752	452
	9.2	257	684	752	452
	11-15	318	740	840	508
R..147R87	1.1-1.5	192	578	623.5	298
	2.2	219	602.5	664.5	322.5
	3	219	602.5	664.5	322.5
	4	219	618.5	680.5	338.5
	5.5	257	689	757	409
	7.5	257	732	800	452
	9.2	257	732	800	452
	11	318	788	888	508
	15	318	788	888	508
	18.5	380	844	944	564
R..167R97	0.55-0.75	169	571.5/572	616.5/617	246.5/247
	1.1-1.5	192	623	668.5	298
	2.2	219	647.5	709.5	322.5
	3	219	647.5	709.5	322.5
	4	219	663.5	725.5	338.5
	5.5	257	734	802	409
	7.5	257	777	845	452
	9.2	257	777	845	452
	11	318	833	933	508
	15	318	833	933	508
	18.5	380	889	989	564
R..167R97	2.2	219	704.5	766.5	322.5
	3	219	704.5	766.5	322.5
	4	219	720.5	782.5	338.5
	5.5	257	791	859	409
	7.5	257	834	902	452
	9.2	257	834	902	452
	11	318	890	990	508
	15	318	890	990	508
	18.5	380	946	1046	564

注：上表中电机尺寸参考尺寸，因空间限制对电机尺寸有严格要求时，向我公司咨询。
Motor size in the table as a reference size, due to space limitations have strict requirements on the motor size, to consult with my company.

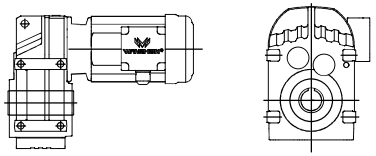
6.F系列平行轴—斜齿轮减速机
F Parallel shaft-Helical Geared Motor

6.1 设计方案
6.1 Versions geared motors

平行轴装式斜齿轮减速电机有以下设计方案：
The following types of Parallel Shaft-Helical Geared Motor can be supplied:

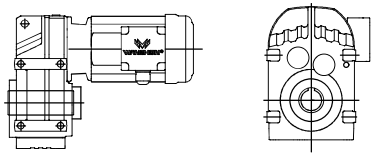


F..D..
底脚安装平行轴斜齿轮减速电机
Solid shaft
Foot mount tapped holes

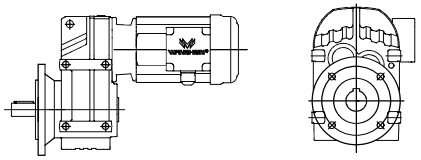


FA..BD..
底脚空心轴安装平行轴斜齿轮减速电机
Foot mounted with Hollow shaft and tapped holes

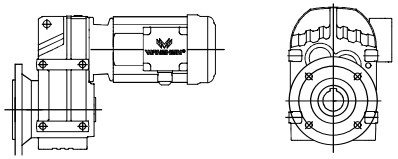
FV..BD..
底脚花键空心轴安装平行轴斜齿轮减速电机
Foot mounted with splined hollow shaft
and tapped holes



FH..BD..
底脚空心轴锁紧盘安装平行轴斜齿轮减速电机
Foot mounted with hollow shaft,
shrink disk and tapped holes

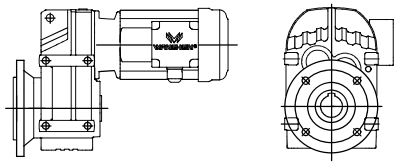


FF..D..
B5法兰安装平行轴斜齿轮减速电机
Solid shaft
Flange mounted (D&B5 style flange with tapped holes)

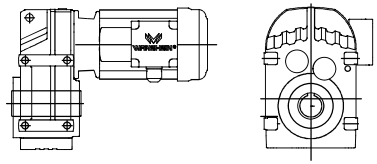


FAF..D..
B5法兰空心轴安装平行轴斜齿轮减速电机
B5 Flange mounted with hollow shaft and tapped holes

FVF..D..
B5法兰花键空心轴安装平行轴斜齿轮减速电机
B5 flange mounted with splined hollow shaft and
tapped holes

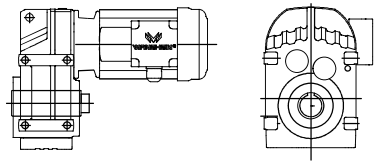


FHF..D..
B5法兰空心轴锁紧盘安装平行轴斜齿轮减速电机
B5 flange mounted with hollow shaft and shrink disk

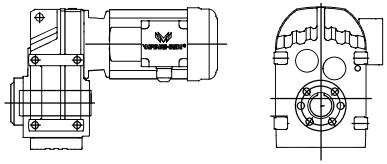


FA..D..
空心轴安装平行轴斜齿轮减速电机
Splined hollow shaft with key
Shaft mount

FV..D..
花键空心轴安装平行轴斜齿轮减速电机
Splined hollow shaft
Shaft mount

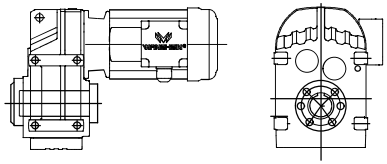


FH..D..
空心轴锁紧盘安装平行轴斜齿轮减速机
Shrink disk hollow shaft
Shaft mount



FAZ..D..
B14法兰空心轴安装平行轴斜齿轮减速电机
Hollow shaft with key
Face mount (C & B14 style flange with tapped holes)

FVZ..D..
B14法兰花键空心轴安装平行轴斜齿轮减速电机
Hollow shaft with key
Face mount (C&B14 style flange with tapped holes)



FHZ..D..
B14法兰空心轴锁紧盘安装平行轴斜齿轮减速电机
Shrink disk hollow shaft
Face mount (C&B14 style flange with tapped holes)

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

6.2 可行的组合方式
6.2 Type of Combination

以下是平行轴斜齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围
The below is combination table between gear box and electro motor in each list the ratio range.

减速器型号 Gear unit size	级 Stages	D63/71 (0.12-0.37KW)	D80 (0.55-0.75KW)	D90 (1.1-1.5KW)	D100 (2.2-3.0KW)	D112 (4.0KW)	D132S (5.5KW)	D132M (7.5KW)
F/FF/FA/FAF37	2	4.22-7.44 8.97-23.63	3.77-23.63	3.77-20.57	3.77-6.74 8.01-14.33 17.03			
F/FF/FA/FAF37	3	23.88-128.51	23.88-100.36	23.88-51.70 58.32-86.53	23.88-31.69 38.31 51.70 58.32 70.50			
F/FF/FA/FAF47	2	6.34-8.96 13.93-30.86	4.99-30.86	4.99-30.86	4.99-25.72			
F/FF/FA/FAF47	3	28.88-190.76	28.88-150.06	28.88-130.07	28.88-56.49 68.09-105.09			
F/FF/FA/FAF57	2	6.58-9.31 13.52-40.13	5.18-34.24	5.18-29.94	5.18-24.96	5.18-21.17		
F/FF/FA/FAF57	3	30.15-199.70	30.15-157.09	30.15-136.16	30.15-58.97 83.46-110.01	30.15-50.10 83.46-93.47		
F/FF/FA/FAF67	2	7.53-9.08 18.29-36.30	5.95-9.08 14.46-36.30	3.97-36.30	3.97-32.08	3.97-27.41	3.97-22.05	3.97-22.05
F/FF/FA/FAF67	3	43.20-228.99	34.01-195.39	34.01-170.85	34.01-142.40	34.01-67.65 90.59-120.79	34.01-53.73 90.59-95.94	34.01-53.73 90.59-95.94
F/FF/FA/FAF77	2	21.43-36.58	8.26-9.30 17.49-36.58	5.76-9.30 12.20-36.58	4.28-36.58	4.28-31.51	4.28-25.50	4.28-25.50
F/FF/FA/FAF77	3	48.37-72.50 94.93-281.71	38.23-225.79	25.54-198.31	25.54-166.47	25.54-142.27	25.54-58.32 75.02-114.45	25.54-58.32 75.02-114.45
F/FF/FA/FAF87	2		23.68-33.92	7.35-8.29 17.12-33.92	5.63-8.29 13.12-33.92	5.63-8.29 13.12-33.92	4.12-33.92	4.12-33.92
F/FF/FA/FAF87	3		109.49-270.68	39.30-50.36 76.39-270.68	29.20-228.93	29.20-197.20	29.20-159.61	29.20-159.61
F/FF/FA/FAF97	2			9.06 22.11-43.28	7.07-9.06 17.25-43.28	7.07-9.06 17.25-43.28	4.57-43.28	4.57-43.28
F/FF/FA/FAF97	3			58.06-72.29 80.31 89.85-97.58 112.99-276.77	44.49-72.29 80.31-276.77	44.49-72.29 80.31-276.77	32.50-223.88	32.50-223.88
F/FF/FA/FAF107	2				21.76-33.79	21.76-33.79	7.40-9.69 14.67-33.79	7.40-9.69 14.67-33.79
F/FF/FA/FAF107	3				58.12-83.99 92.47-254.40	58.12-83.99 92.47-254.40	37.61-254.40	37.61-254.40
F/FF/FA/FAF127	2							7.88-8.86 14.55-26.86
F/FF/FA/FAF127	3							37.28-170.83

续表

减速器型号 Gear unit size	级 Stages	D132ML (9.2KW)	D160M (11KW)	D160L (15KW)	D180 (18.5KW)	D200 (30KW)
F/FF/FA/FAF77	2	4.28-19.70	4.28-19.70			
F/FF/FA/FAF77	3	25.54-43.58	25.54-43.58			
F/FF/FA/FAF87	2	4.12-26.50	4.12-26.50	4.12-26.50	4.12-21.32	
F/FF/FA/FAF87	3	29.20-123.29	29.20-123.29	29.20-123.29	29.20-50.36	
F/FF/FA/FAF97	2	4.57-33.91	4.57-33.91	4.57-33.91	4.57-27.44	
F/FF/FA/FAF97	3	32.50-89.85 102.16-174.87	32.50-89.85 102.16-174.87	32.50-89.85 102.16-174.87	32.50-75.63 86.59 102.16-140.71	
F/FF/FA/FAF107	2	6.22-9.69 12.33-33.79	6.22-9.69 12.33-33.79	6.22-9.69 12.33-33.79	6.22-33.79	
F/FF/FA/FAF107	3	31.80-199.31	31.80-199.31	31.80-199.31	31.80-161.28	31.80-161.28
F/FF/FA/FAF127	2	6.80-8.86 12.54-26.86	6.80-8.86 12.54-26.86	6.80-8.86 12.54-26.86	5.52-26.86	4.86-26.86
F/FF/FA/FAF127	3	31.33-170.83	31.33-170.83	31.33-170.83	25.30-153.67	25.30-125.37
F/FF/FA/FAF157	2		16.85-53.55	16.85-53.55	13.96-43.94	11.92-35.75
F/FF/FA/FAF157	3		40.06-267.43	40.06-267.43	32.55-217.62	27.60-178.20

减速器型号 Gear unit size	级 Stages	D225 (37-45KW)	D250M (55KW)	D280 (75-90KW)	D315/ (110-132KW)	D315-A/B (160-200KW)
F/FF/FA/FAF107	2	6.22-27.57				
F/FF/FA/FAF107	3	31.80-74.52 88.49 101.38-129.97				
F/FF/FA/FAF127	2	4.68-26.86	4.68-21.38	4.68-21.38		
F/FF/FA/FAF127	3	25.30-125.37	25.30-55.31 75.41-98.95	25.30-55.31 75.41-98.95		
F/FF/FA/FAF157	2	11.92-35.75	11.92-28.60	11.92-28.60	11.92-22.16	11.92-16.85
F/FF/FA/FAF157	3	27.60-178.20	27.60-68.28 96.53-141.80	27.60-68.28 96.53-141.80	27.60-52.24 96.53-108.49	27.60-40.06

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

6.3 速比与最大扭矩
6.3 Ratio and Max. Torque

F37-57 n_a=1400 r/min

F37				200Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
128.51	11	200	4290	AD1
117.88	12	200	4290	
100.36	14	200	4290	
86.53	16	200	4290	
80.65	17	200	4290	
70.50	20	200	4290	
66.09	21	200	4290	
58.32	24	200	4290	
54.54	26	200	4290	
51.70	27	200	4290	
47.02	30	200	4290	AD2
43.83	32	200	4290	
38.31	37	200	4290	
35.91	39	200	4290	
31.69	44	200	4290	
28.09	50	200	4060	
23.88	59	200	3760	
2-stage				
23.63	59	200	3740	AD2
20.57	68	200	3500	
19.27	73	200	3390	
17.03	82	200	3180	
15.81	89	200	3070	
14.33	98	200	2910	
12.87	109	200	2750	
11.08	126	190	2620	
10.42	134	185	2580	
8.97	156	175	2460	
8.01	175	170	2360	
7.44	188	145	2350	
6.74	208	140	2270	
6.05	231	135	2190	
5.21	269	125	2120	
4.90	286	120	2100	
4.22	332	110	2030	
3.77	372	105	1970	

F47				400Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
190.76	7.3	400	5920	AD1
175.38	8.0	400	5920	
150.06	9.3	400	5920	
130.07	11	400	5920	
121.57	12	400	5920	
105.09	13	400	5920	
89.29	16	400	5920	
79.72	18	400	5920	
68.09	21	400	5920	
65.36	21	400	5920	AD2
56.49	25	400	5920	
48.00	29	400	5920	
42.86	33	400	5920	
36.61	38	400	5920	
34.29	41	400	5920	
28.88	48	400	5790	
2-stage				
30.86	45	400	5920	AD2
29.32	48	400	5830	
25.72	54	400	5470	
21.82	64	400	5030	
19.70	71	400	4770	
17.33	81	400	4450	
16.36	86	400	4320	
13.93	100	400	3950	
12.66	111	400	3740	
10.97	128	400	3440	
8.96	156	330	3250	
7.88	178	380	2630	
7.44	188	380	2530	
6.34	221	350	2470	
5.76	243	340	2390	
4.99	281	320	2310	

F57				600Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
199.70	7.0	600	8200	AD2
183.60	7.6	600	8200	
157.09	8.9	600	8200	
136.16	10	600	8200	
127.27	11	600	8200	
110.01	13	600	8200	
93.47	15	600	8200	
83.46	17	600	8200	
72.98	19	600	8200	
68.22	21	600	8200	
58.97	24	600	8200	
50.10	28	600	8200	
44.73	31	600	8200	
38.21	37	600	8200	
35.79	39	600	8200	
30.15	46	590	7650	
2-stage				
40.13	35	290	9710	AD2
34.24	41	500	8670	
29.94	47	545	7890	
28.45	49	535	7760	
24.96	56	575	7060	
21.17	66	600	6350	AD3
19.11	73	600	6020	
16.81	83	600	5620	
15.88	88	600	5450	
13.52	104	600	4980	
12.29	114	600	4710	
10.64	132	600	4320	
9.31	150	420	4760	
8.19	171	420	4450	
7.73	181	420	4310	
6.58	213	420	3940	
5.98	234	420	3730	
5.18	270	415	3460	

F67-87 n_a=1400 r/min

F67				820Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
228.99	6.1	820	10300	AD2
195.39	7.2	820	10300	
170.85	8.2	820	10300	
162.31	8.6	820	10300	
142.40	9.8	820	10300	
120.79	12	820	10300	
109.04	13	820	10300	
95.94	15	820	10300	
90.59	15	820	10300	
79.76	18	820	10300	
67.65	21	820	10300	
61.07	23	820	10300	
53.73	26	820	10300	
50.74	28	820	10300	
43.20	32	820	10300	
39.26	36	780	10700	AD2
34.01	41	740	11000	
2-stage				
36.30	39	820	10300	AD3
32.08	44	820	10300	
27.41	51	820	10300	
25.13	56	820	10300	
22.05	63	820	10300	
20.90	67	820	10300	
18.29	77	820	10300	
16.48	85	820	10300	
14.46	97	820	10300	
12.76	110	820	10300	
11.31	124	820	10300	
9.66	145	820	10300	
9.08	154	530	11400	
8.60	163	570	10900	
7.53	186	610	10100	
6.78	206	620	9660	
5.95	235	610	9200	
5.25	267	590	8850	
4.66	300	560	8590	
3.97	353	500	8390	

F77				1500Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
281.71	5.0	1500	15700	AD2
262.93	5.3	1500	15700	
225.79	6.2	1500	15700	
198.31	7.1	1500	15700	
188.40	7.4	1500	15700	
166.47	8.4	1500	15700	
142.27	9.8	1500	15700	
130.42	11	1500	15700	
114.45	12	1500	15700	
108.46	13	1500	15700	
94.93	15	1500	15700	
85.52	16	1500	15700	
75.02	19	1500	15700	
72.50	19	1500	15700	
66.46	21	1500	15700	
58.32	24	1500	15700	
55.27	25	1500	15700	
48.37	29	1500	15700	
43.58	32	1500	15700	AD3
38.23	37	1500	15700	
33.74	41	1500	15700	
29.91	47	1500	15700	
25.54	55	1450	16100	
2-stage				
36.58	38	1110	17900	AD3
31.51	44	1380	16500	
28.75	49	1430	16200	
25.50	55	1500	15700	AD4
21.43	65	1500	15700	
19.70	71	1500	15700	
17.49	80	1500	15700	
15.64	90	1500	15700	
14.06	100	1500	15700	
12.20	115	1500	14900	
10.93	128	1500	14200	
9.30	151	1080	13800	
8.26	169	1080	13100	
7.39	189	1080	12500	
6.64	211	1080	12000	
5.76	243	1080	11300	
5.16	271	1080	10700	
4.28	327	1010	10200	

F87				3000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
270.68	5.2	3000	19800	AD2
255.37	5.5	3000	19800	
228.93	6.1	3000	19800	
197.20	7.1	3000	19800	
179.97	7.8	3000	19800	
159.61	8.8	3000	19800	
134.16	10	3000	19800	
123.29	11	3000	19800	
109.49	13	3000	19800	
97.89	14	3000	19800	
88.01	16	3000	19800	
76.39	18	3000	19800	
68.40	20	3000	19600	AD3
56.75	25	3000	17700	
50.36	28	2940	16800	
45.28	31	2820	16200	
39.30	36	2720	15400	
35.19	40	2610	14900	AD4
29.20	48	2510	13800	
2-stage				
33.92	41	2610	14600	AD5
28.78	49	2450	13900	
26.50	53	3000	11100	
23.68	59	3000	10300	
21.32	66	3000	9530	
19.31	73	3000	8840	
17.12	82	3000	8040	
15.48	90	3000	7390	
13.12	107	3000	6370	
11.46	122	3000	5580	
9.58	146	2880	5050	
8.29	169	1530	8890	
7.35	190	1530	8280	
6.65	211	1530	7790	
5.63	248	1530	7020	
4.92	284	1530	6430	
4.12	340	1460	5980	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

F97-127 n_a=1400 r/min

F97				4300Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
276.77	5.1	4300	29900	
253.41	5.5	4300	29900	
223.88	6.3	4300	29900	
189.92	7.4	4300	29900	
174.87	8.0	4300	29900	
156.30	9.0	4300	29900	
140.71	9.9	4300	29900	
127.42	11	4300	29900	AD3
112.99	12	4300	29900	
102.16	14	4300	29900	
97.58	14	4300	29900	
89.85	16	4300	29900	
86.59	16	4300	29900	
80.31	17	4300	29900	
75.63	19	4300	29900	
72.29	19	4300	29900	
65. 47	21	4300	29900	
58. 06	24	4300	27200	
52. 49	27	4300	25800	AD4
44. 49	31	4300	23600	
38. 86	36	4300	21900	
32. 50	43	4300	19800	
2-stage				
43.28	32	3070	27600	AD4
36.64	38	3070	25500	
33.91	41	4300	20300	
30.39	46	4300	19000	
27.44	51	4300	17900	
24.92	56	4300	16800	AD5
22.11	63	4300	15600	
20.07	70	4300	14600	
17.25	81	4300	13200	
15.06	93	4300	11900	
12.77	110	4300	10500	
11.16	125	4100	10000	
9.06	154	2360	13600	
8.22	170	2360	12800	AD6
7.07	198	2360	11700	
6.17	227	2250	11200	
5.23	268	2150	10600	
4.57	306	2050	10100	

F107				7840Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
254.40	5.5	7680	49800	
215.37	6.5	7680	49800	
199.31	7.0	7680	49800	
178.64	7.8	7680	49800	AD3
161.28	8.7	7680	49800	
146.49	9.6	7680	49800	
129.97	11	7680	49800	
117.94	12	7680	49800	
101.38	14	7680	49800	
92.47	15	7680	49800	
88.49	16	7680	49800	
83.99	17	7680	49800	AD4
74.52	19	7680	49800	
67.62	21	7680	49800	
58.12	24	7680	47800	
50.73	28	7680	45100	
43.03	33	7680	42000	
37.61	37	7680	39500	AD5
31.80	44	7680	36500	
2-stage				
33.79	41	7400	38300	
27.57	51	7840	33700	
25.14	56	7840	32200	
21.76	64	7840	30000	
19.20	73	7840	28100	
16.58	84	7840	26000	AD6
14.67	95	7680	24700	
12.33	114	7000	24300	
9.96	141	6500	22900	
9.69	144	4910	25400	
8.37	167	4800	24000	
7.40	189	4600	23200	
6.22	225	4600	21100	

F127				12000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
3-stage				
170.83	8.2	12000	90000	
153.67	9.1	12000	90000	
125.37	11	12000	90000	
114.34	12	12000	88000	AD4
98.95	14	12000	83000	
87.31	16	12000	78900	
75.41	19	12000	74300	
70.07	20	12000	72100	
63.91	22	12000	69400	
55.31	25	12000	65300	AD5
48.80	29	12000	61800	
42.15	33	12000	57900	
37.28	38	12000	54800	AD5
31.33	45	12000	50600	AD7
25.30	55	12000	45700	
2-stage				
26.86	52	8500	55300	AD6
24.57	57	8500	53300	
21.38	65	12000	42000	
18.87	74	11000	41900	
16.36	86	11000	39000	
14.55	96	11000	36200	
12.54	112	10000	36400	
10.19	137	9500	34000	
8.86	158	7000	36400	AD8
7.88	178	6000	37000	
6.80	206	7000	32200	
5.52	254	6000	31700	
4.68	299	6000	29500	

F157,57/67/77 RF37 n_a=1400 r/min

F157				18000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
267.43	5.2	18000	10030	
217.62	6.4	18000	10030	
178.20	7.9	18000	10030	
162.96	8.6	18000	10030	
141.80	9.9	18000	10030	
125.14	11	18000	10030	AD5
108.49	13	18000	10030	
96.53	15	18000	10030	
85.80	16	18000	95700	
78.46	18	18000	92300	
68.28	21	18000	87000	
60.25	23	18000	8200	
52.24	27	18000	77500	AD6
46.48	30	18000	73600	
40.06	35	18000	68900	AD7
32.55	43	18000	62500	
27.60	51	18000	57800	AD8
53.55	26	8000	98300	AD5
43.94	32	10000	87800	AD6
35.75	39	11000	79300	
28.60	49	17000	60800	
25.43	55	15000	61500	
22.16	63	18000	51800	
19.77	71	17000	50900	AD8
16.85	83	18000	44900	
13.96	100	17000	42500	
11.92	117	16000	40900	

F57RF37				600Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	
14832	0.09	600	8200	
13604	0.10	600	8200	
12602	0.11	600	8200	
11252	0.12	600	8200	
9986	0.14	600	8200	
8787	0.16	600	8200	
7908	0.18	600	8200	
6913	0.20	600	8200	
6030	0.23	600	8200	
5289	0.26	600	8200	
4654	0.30	600	8200	
4060	0.34	600	8200	
3564	0.39	600	8200	
3161	0.44	600	8200	
2854	0.49	600	8200	
2737	0.51	600	8200	
2576	0.54	600	8200	
2409	0.58	600	8200	
2266	0.62	600	8200	
2131	0.66	600	8200	
2012	0.70	600	8200	
1840	0.76	600	8200	
1791	0.78	600	8200	
1623	0.86	600	8200	
1617	0.87	600	8200	
1439	0.97	600	8200	
1422	0.98	600	8200	
1243	1.1	600	8200	
1238	1.1	600	8200	
1106	1.3	600	8200	
1066	1.3	600	8200	
967	1.4	600	8200	
949	1.5	600	8200	
856	1.6	600	8200	
851	1.6	600	8200	
749	1.9	600	8200	
738	1.9	600	8200	
658	2.1	600	8200	
646	2.2	600	8200	
558	2.5	600	8200	
549	2.6	600	8200	
506	2.8	600	8200	
483	2.9	600	8200	
452	3.1	600	8200	
426	3.3	600	8200	
386	3.6	600	8200	
382	3.7	600	8200	
338	4.1	600	8200	
330	4.2	600	8200	
298	4.7	600	8200	
298	4.7	600	8200	
262	5.3	600	8200	
255	5.5	600	8200	
226	6.2	600	8200	
226	6.2	600	8200	
201	7.0	600	8200	
200	7.0	600	8200	
181	7.7	600	8200	
170	8.2	600	8200	
155	9.0	600	8200	
152	9.2	600	8200	
134	10	600	8200	

F67RF37				820Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	
19199	0.07	820	10300	
17610	0.08	820	10300	
14992	0.09	820	10300	
12926	0.11	820	10300	
11480	0.12	820	10300	
10220	0.14	820	10300	
8933	0.16	820	10300	
7940	0.18	820	10300	
7096	0.20	820	10300	
6080	0.23	820	10300	
5341	0.26	820	10300	
4690	0.30	820	10300	
4091	0.34	820	10300	
3574	0.39	820	10300	
3377	0.41	820	10300	
3133	0.45	820	10300	
2912	0.48	820	10300	
2756	0.51	820	10300	
2714	0.52	820	10300	
2439	0.57	820	10300	
2372	0.59	820	10300	
2126	0.66	820	10300	
2106	0.66	820	10300	
1884	0.74	820	10300	
1859	0.75	820	10300	
1635	0.86	820	10300	
1631	0.86	820	10300	
1437	0.97	820	10300	
1429	0.98	820	10300	
1271	1.1	820	10300	
1256	1.1	820	10300	
1126	1.2	820	10300	
1102	1.3	820	10300	
984	1.4	820	10300	
970	1.4	820	10300	
864	1.6	820	10300	
858	1.6	820	10300	
755	1.9	820	10300	
722	1.9	820	10300	
641	2.2	820	10300	
634	2.2	820	10300	
572	2.4	820	10300	
539	2.6	820	10300	
509	2.8	820	10300	
500	2.8	820	10300	
454	3.1	820	10300	
437	3.2	820	10300	
392	3.6	820	10300	
384	3.6	820	10300	
338	4.1	820	10300	
333	4.2	820	10300	
305	4.6	820	10300	
297	4.7	820	10300	
261	5.4	820	10300	
257	5.4	820	10300	
238	5.9	820	10300	
231	6.1	820	10300	
205	6.8	820	10300	
200	7.0	820	10300	
176	8.0	820	10300	
175	8.0	820	10300	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

F77RF37,F87/97RF57 n_a=1400 r/min

F77RF37			1500Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
19180	0.07	1500	15700
17593	0.08	1500	15700
16128	0.09	1500	15700
14978	0.09	1500	15700
13731	0.10	1500	15700
12049	0.12	1500	15700
11035	0.13	1500	15700
9683	0.14	1500	15700
8464	0.17	1500	15700
7520	0.19	1500	15700
6580	0.21	1500	15700
5808	0.24	1500	15700
5026	0.28	1500	15700
4931	0.28	1110	17900
4523	0.31	1110	17900
4435	0.32	1500	15700
3851	0.36	1110	17900
3832	0.37	1500	15700
3381	0.41	1500	15700
3320	0.42	1110	17900
3095	0.45	1110	17900
2978	0.47	1500	15700
2705	0.52	1110	17900
2613	0.54	1500	15700
2536	0.55	1110	17900
2284	0.61	1500	15700
2238	0.63	1110	17900
2039	0.69	1110	17900
2029	0.69	1500	15700
1759	0.80	1110	17900
1728	0.81	1500	15700
1639	0.85	1110	17900
1544	0.91	1500	15700
1433	0.98	1110	17900
1354	1.0	1500	15700
1343	1.0	1110	17900
1200	1.2	1500	15700
1185	1.2	1110	17900
1053	1.3	1500	15700
1051	1.3	1110	17900
910	1.5	1500	15700
893	1.6	1110	17900
815	1.7	1110	17900
810	1.7	1500	15700
710	2.0	1500	15700
706	2.0	1110	17900
660	2.1	1110	17900
615	2.3	1500	15700
571	2.5	1110	17900
538	2.6	1500	15700
485	2.9	1110	17900
480	2.9	1500	15700
433	3.2	1110	17900
413	3.4	1500	15700
370	3.8	1110	17900
367	3.8	1500	15700
346	4.0	1110	17900
323	4.3	1500	15700
292	4.8	1110	17900
280	5.0	1500	15700
247	5.7	1500	15700
221	6.3	1500	15700
199	7.0	1500	15700

F87RF57			3000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
23042	0.06	3000	19800
20462	0.07	3000	19800
18238	0.08	3000	19800
15877	0.09	3000	19800
14099	0.10	3000	19800
12205	0.11	3000	19800
10433	0.13	3000	19800
9381	0.15	3000	19800
8142	0.17	3000	19800
7100	0.20	3000	19800
6273	0.22	3000	19800
5510	0.25	3000	19800
4954	0.28	3000	19800
4952	0.28	3000	19800
4562	0.31	3000	19800
4245	0.33	3000	19800
3919	0.36	3000	19800
3721	0.38	3000	19800
3503	0.40	3000	19800
3244	0.43	3000	19800
3196	0.44	3000	19800
2881	0.49	3000	19800
2857	0.49	3000	19800
2576	0.54	3000	19800
2524	0.55	3000	19800
2199	0.64	3000	19800
2134	0.66	3000	19800
1930	0.73	3000	19800
1913	0.73	3000	19800
1717	0.82	3000	19800
1709	0.82	3000	19800
1493	0.94	3000	19800
1476	0.95	3000	19800
1300	1.1	3000	19800
1278	1.1	3000	19800
1148	1.2	3000	19800
1142	1.2	3000	19800
1010	1.4	3000	19800
998	1.4	3000	19800
887	1.6	3000	19800
883	1.6	3000	19800
780	1.8	3000	19800
748	1.9	3000	19800
674	2.1	3000	19800
662	2.1	3000	19800
609	2.3	3000	19800
592	2.4	3000	19800
519	2.7	3000	19800
515	2.7	3000	19800
468	3.0	3000	19800
452	3.1	3000	19800
398	3.5	3000	19800
350	4.0	3000	19800
345	4.1	3000	19800
315	4.4	3000	19800
300	4.7	3000	19800
281	5.0	3000	19800
249	5.6	3000	19800
240	5.8	3000	19800
211	6.6	3000	19800
193	7.3	3000	19800

F97RF57			4300Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
29211	0.05	4300	29900
26911	0.05	4300	29900
23814	0.06	4300	29900
20813	0.07	4300	29900
18119	0.08	4300	29900
15472	0.09	4300	29900
14022	0.10	4300	29900
12324	0.11	4300	29900
10838	0.13	4300	29900
9576	0.15	4300	29900
8318	0.17	4300	29900
7328	0.19	4300	29900
6469	0.22	4300	29900
6338	0.22	4300	29900
5680	0.25	4300	29900
5615	0.25	4300	29900
5016	0.28	4300	29900
4961	0.28	4300	29900
4367	0.32	4300	29900
4333	0.32	4300	29900
3914	0.36	4300	29900
3906	0.36	4300	29900
3357	0.42	4300	29900
3352	0.42	4300	29900
3009	0.47	4300	29900
2907	0.48	4300	29900
2553	0.55	4300	29900
2448	0.57	4300	29900
2245	0.62	4300	29900
2199	0.64	4300	29900
1971	0.71	4300	29900
1970	0.71	4300	29900
1741	0.80	4300	29900
1722	0.81	4300	29900
1527	0.92	4300	29900
1468	0.95	4300	29900
1327	1.1	4300	29900
1316	1.1	4300	29900
1189	1.2	4300	29900
1171	1.2	4300	29900
1023	1.4	4300	29900
1022	1.4	4300	29900
898	1.6	4300	29900
892	1.6	4300	29900
784	1.8	4300	29900
760	1.8	4300	29900
690	2.0	4300	29900
667	2.1	4300	29900
605	2.3	4300	29900
569	2.5	4300	29900
529	2.6	4300	29900
510	2.7	4300	29900
473	3.0	4300	29900
467	3.0	4300	29900
406	3.4	4300	29900
403	3.5	4300	29900
363	3.9	4300	29900
361	3.9	4300	29900
317	4.4	4300	29900
285	4.9	4300	29900
275	5.1	4300	29900
245	5.7	4300	29900
242	5.8	4300	29900
208	6.7	4300	29900
195	7.2	4300	29900

F107RF77,F127/RF77,F127/RF87,F157/RF97 n_a=1400 r/min

F107RF77			7840Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
25375	0.06	7680	49800
21652	0.06	7680	49800
18933	0.07	7680	49800
16888	0.08	7680	49800
14767	0.09	7680	49800
11348	0.12	7680	49800
10039	0.14	7680	49800
8548	0.16	7680	49800
7674	0.18	7680	49800
6767	0.21	7680	49800
5954	0.24	7680	49800
5383	0.26	7840	49800
5223	0.27	7680	49800
4593	0.30	7840	49400
4567	0.31	7680	49800
4016	0.35	7840	49400
3948	0.35	7680	49800
3815	0.37	7840	49400
3521	0.40	7680	49800
3347	0.42	7840	49400
3037	0.46	7680	49800
2839	0.49	7840	49400
2756	0.51	7680	49800
2563	0.55	7840	49400
2369	0.59	7680	49800
2255	0.62	7840	49400
2129	0.66	7840	49400
2068	0.68	7840	49400
1826	0.77	7680	49800
1813	0.77	7840	49400
1597	0.88	7680	49800
1590	0.88	7840	49400
1436	0.97	7840	49400
1401	1.0	7680	49800
1263	1.1	7840	49400
1243	1.1	7680	49800
1193	1.2	7840	49400
1087	1.3	7680	49800
1015	1.4	7840	49400
950	1.5	7680	49800
923	1.5	7840	49400
834	1.7	7680	49800
800	1.8	7840	49400
736	1.9	7680	49800
696	2.0	7840	49400
644	2.2	7840	49400
640	2.2	7680	49800
591	2.4	7840	49400
560	2.5	7680	49800
518	2.7	7840	49400
491	2.9	7840	49400
489	2.9	7680	49800
436	3.2	7680	49800
430	3.3	7840	49400
387	3.6	7840	49400
370	3.8	7680	49800
340	4.1	7840	49400
333	4.2	7680	49800
300	4.7	7840	49400
291	4.8	7680	49800
266	5.3	7840	49400
255	5.5	7680	49800
225	6.2	7680	49800
190	7.4	7680	49800

F127RF77			12000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
24478	0.06	12000	90000
22323	0.06	12000	90000
19048	0.07	12000	90000
16656	0.08	12000	90000
14722	0.10	12000	90000
12912	0.11	12000	90000
11656	0.12	12000	90000
10191	0.14	12000	90000
8831	0.16	12000	90000
7643	0.18	12000	90000
6715	0.21	12000	90000
5925	0.24	12000	90000
5153	0.27	12000	90000
4533	0.31	12000	90000
3926	0.36	12000	90000
3454	0.41	12000	90000
3031	0.46	12000	90000
2672	0.52	12000	90000
2357	0.59	12000	90000
2038	0.69	12000	90000
1784	0.78	12000	90000
1606	0.87	12000	90000
1390	1.0	12000	90000
1220	1.1	12000	90000
1077	1.3	12000	90000
930	1.5	12000	90000
820	1.7	12000	90000
727	1.9	12000	90000
648	2.2	12000	90000
549	2.6	12000	90000
495	2.8	12000	90000
428	3.3	12000	90000
376	3.7	12000	90000

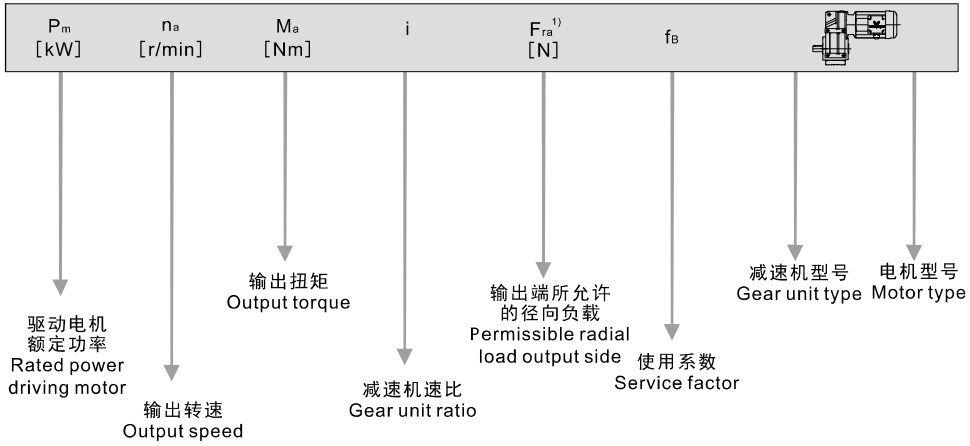
F127RF87			12000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
438	2.9	12000	90000
418	3.3	12000	90000
374	3.7	12000	90000
312	4.5	12000	90000
293	4.8	12000	90000
259	5.4	12000	90000
223	6.3	12000	90000
198	7.1	12000	90000
166	8.4	12000	90000

F157RF97			18000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
31434	0.04	18000	100300
26173	0.05	18000	100300
23464	0.06	18000	100300
20212	0.07	18000	100300
17984	0.08	18000	100300
16358	0.09	18000	1000300
13751	0.10	18000	100300
12235	0.11	18000	100300
10033	0.14	18000	100300
9021	0.16	18000	100300
8026	0.17	18000	100300
7075	0.20	18000	100300
6295	0.22	18000	100300
5404	0.26	18000	100300
4831	0.29	18000	100300
4130	0.34	18000	100300
3607	0.39	18000	100300
3210	0.44	18000	100300
2780	0.50	18000	100300
2427	0.58	18000	100300
2185	0.64	18000	100300
1944	0.72	18000	100300
1674	0.84	18000	100300
1441	0.97	18000	100300
1308	1.1	18000	100300
1169	1.2	18000	100300
953	1.5	18000	100300
845	1.7	18000	100300
764	1.8	18000	100300
680	2.1	18000	100300
576	2.4	18000	100300
503	2.8	18000	100300
446	3.1	18000	100300
353	4.0	18000	100300
302	4.6	18000	100300
273	5.1	18000	100300
232	6.0	18000	100300
202	6.9	18000	100300
197	7.1	18000	100300

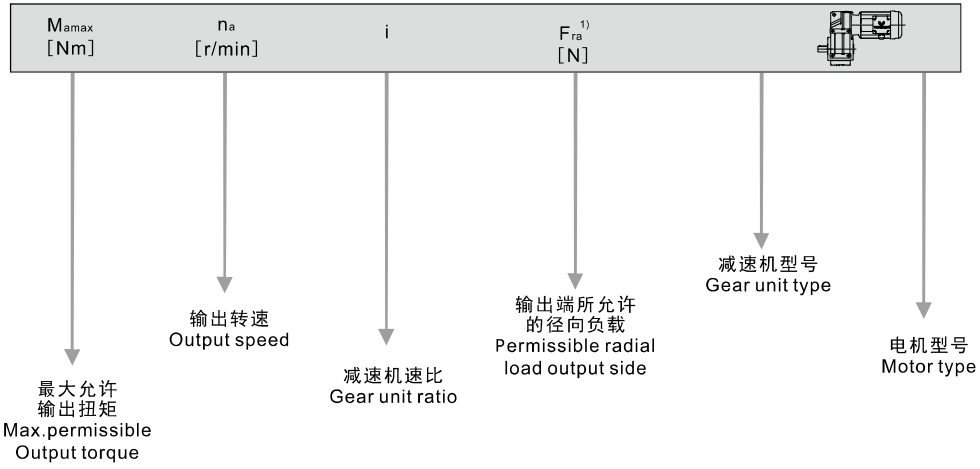
F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

6.4 选型表注释
6.4 Selection table

选型表的结构
Selection table for gear motors



对于特殊低输出转速
For special low output speed



图例 Cuttine
※也可用于Eexe电机。 ※ EEXE motor also applicable.
1）实心轴底脚安装减速机的径向负荷
1）Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.

输出转速 Output speed na [r/min]	输出转矩 Output torque Ma [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load FRa [N]	使用系数 Service factor fB	机型号 Model
0.12kW					
0. 06	15000	22323	84600	0. 80	
0. 07	12600	19048	89300	0. 95	FA127/RF77 WSS0.12KW-4
0. 08	10800	16656	90000	1. 10	FAF127/RF77 WSS0.12KW-4
0. 09	9870	14722	90000	1. 20	F127/RF77 WSS0.12KW-4
0. 11	7980	12912	90000	1. 50	FF127/RF77 WSS0.12KW-4
0. 12	7090	11656	90000	1. 70	
0. 14	6300	10191	90000	1. 90	
0.09	9590	14767	44400	0.80	
0.12	7610	11348	50000	1.00	
0.14	5890	10039	54300	1.30	
0.16	4880	8548	56600	1.55	
0.18	4740	7674	56900	1.60	FA107/RF77 WSS0.12KW-4
0.20	4120	6767	58200	1.85	FAF107/RF77 WSS0.12KW-4
0.23	3530	5954	59400	2.2	F107/RF77 WSS0.12KW-4
0.26	3070	5223	60300	2.5	FF107/RF77 WSS0.12KW-4
0.30	2890	4567	60600	2.7	
0.39	2140	3521	61900	3.6	
0.19	4800	7328	23100	0.90	
0.21	4040	6469	30700	1.05	FA 97/RF57 WSS0.12KW-4
0.25	3680	5615	31600	1.15	FAF 97/RF57 WSS0.12KW-4
0.28	3200	4961	32800	1.35	F 97/RF57 WSS0.12KW-4
0.32	2800	4333	33800	1.55	FF 97/RF57 WSS0.12KW-4
0.35	2550	3906	34300	1.70	FA 97/RF57 WSS0.12KW-4
0.41	2210	3352	35000	1.95	FAF 97/RF57 WSS0.12KW-4
0.47	1820	2907	36700	2.4	F 97/RF57 WSS0.12KW-4
0.54	1670	2553	36000	2.6	FF 97/RF57 WSS0.12KW-4
0.28	3250	4954	3640	0.90	FA 87/RF57 WSS0.12KW-4
0.33	2690	4245	24100	1.10	FAF 87/RF57 WSS0.12KW-4
0.37	2200	3721	25800	1.35	F 87/RF57 WSS0.12KW-4
					FF 87/RF57 WSS0.12KW-4
0.43	2140	3244	26000	1.40	
0.48	1900	2881	26700	1.60	
0.54	1700	2576	27300	1.75	
0.63	1440	2199	28000	2.1	FA 87/RF57 WSS0.12KW-4
0.72	1240	1930	28400	2.4	FAF 87/RF57 WSS0.12KW-4
0.81	1120	1709	28700	2.7	F 87/RF57 WSS0.12KW-4
0.92	980	1493	29000	3.0	FF 87/RF57 WSS0.12KW-4
1.1	785	1300	29400	3.8	
1.2	710	1148	29500	4.2	
					FA 77/RF57 WSS0.12KW-4
0.53	1750	2613	13800	0.85	FAF 77/RF57 WSS0.12KW-4
0.60	1520	2284	15600	1.00	F 77/RF57 WSS0.12KW-4
0.68	1340	2029	16700	1.10	FF 77/RF57 WSS0.12KW-4
0.80	1130	1728	17800	1.35	
0.89	1040	1544	18200	1.45	
1.0	910	1354	18600	1.65	FA 77/RF57 WSS0.12KW-4
1.1	810	1200	19000	1.85	FAF 77/RF57 WSS0.12KW-4
1.3	710	1053	19200	2.1	F 77/RF57 WSS0.12KW-4
1.5	605	910	19500	2.5	FF 77/RF57 WSS0.12KW-4
1.7	510	810	19700	2.9	
1.9	445	710	19800	3.4	
0.97	920	1429	9270	0.90	
1.1	830	1271	10200	1.00	
1.2	700	1102	11300	1.15	
1.4	615	970	11800	1.35	FA 67/RF37 WSS0.12KW-4
1.6	540	858	12200	1.50	FAF 67/RF37 WSS0.12KW-4
1.8	475	755	12500	1.95	F 67/RF37 WSS0.12KW-4
2.2	405	641	12800	2.0	FF 67/RF37 WSS0.12KW-4
2.4	375	572	12900	2.2	
2.7	320	509	13000	2.6	
3.2	275	437	13000	3.0	

输出转速 Output speed na [r/min]	输出转矩 Output torque Ma [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load FRa [N]	使用系数 Service factor fB	机型号 Model
0.12kW					
1.4	655	967	5860	0.90	
1.6	585	851	9320	1.05	
1.9	500	738	9920	1.20	FA 57/RF37 WSS0.12KW-4
2.1	435	646	10400	1.40	FAF 57/RF37 WSS0.12KW-4
2.5	370	558	10700	1.60	F 57/RF37 WSS0.12KW-4
2.7	330	506	11000	1.80	FF 57/RF37 WSS0.12KW-4
3.0	285	452	11200	2.1	
3.2	295	426	11200	2.0	
3.6	260	382	11300	2.3	FA 57/RF37 WSS0.12KW-4
4.2	225	330	11500	2.7	FAF 57/RF37 WSS0.12KW-4
4.6	200	298	11500	3.0	F 57/RF37 WSS0.12KW-4
5.3	177	262	11500	3.1	FF 57/RF37 WSS0.12KW-4
3.9	290	228.99	13000	2.8	
4.6	250	195.39	13000	3.3	FA 67 WSS0.12KW-6
5.3	220	170.85	13000	3.8	FAF 67 WSS0.12KW-6
5.6	205	162.31	13000	4.0	F 67 WSS0.12KW-6
6.3	181	142.40	13000	4.5	FF 67 WSS0.12KW-6
4.5	255	199.70	11400	2.4	
4.9	235	183.60	11500	2.6	FA 57 WSS0.12KW-6
5.7	200	157.09	11500	3.0	FAF 57 WSS0.12KW-6
6.6	173	136.16	11500	3.5	F 57 WSS0.12KW-6
7.1	162	127.27	11500	3.7	FF 57 WSS0.12KW-6
6.9	166	199.70	11500	3.6	FA 57 WSS0.12KW-4
7.5	153	183.60	11500	3.9	FAF 57 WSS0.12KW-4
8.8	130	157.09	11500	4.6	F 57 WSS0.12KW-4
10	113	136.16	11500	5.3	FF 57 WSS0.12KW-4
4.7	245	190.76	7510	1.65	
5.1	225	175.38	7640	1.80	
6.0	191	150.06	7820	2.1	FA 47 WSS0.12KW-6
6.9	166	130.07	7940	2.4	FAF 47 WSS0.12KW-6
7.4	155	121.57	7990	2.6	F 47 WSS0.12KW-6
8.6	134	105.09	8070	3.0	FF 47 WSS0.12KW-6
10	114	89.29	8130	3.5	
11	102	79.72	8160	3.9	
7.2	158	190.76	7970	2.5	FA 47 WSS0.12KW-4
7.9	146	175.38	8020	2.8	FAF 47 WSS0.12KW-4
9.2	125	150.06	8100	3.2	F 47 WSS0.12KW-4
11	108	130.07	8150	3.7	FF 47 WSS0.12KW-4
7.0	164	128.51	4740	1.20	FA 37 WSS0.12KW-6
7.6	150	117.88	4880	1.35	FAF 37 WSS0.12KW-6
9.0	128	100.36	5070	1.55	F 37 WSS0.12KW-6
10	110	86.53	5190	1.80	FF 37 WSS0.12KW-6
11	103	80.65	5240	1.95	
11	107	128.51	5220	1.85	
12	98	117.88	5270	2.0	
14	83	100.36	5340	2.4	
16	72	86.53	5400	2.8	
17	67	80.65	5410	3.0	
20	59	70.50	5440	3.4	
21	55	66.09	5460	3.6	
24	48	58.32	5470	4.1	FA 37 WSS0.12KW-4
25	45	54.54	5480	4.4	FAF 37 WSS0.12KW-4
27	43	51.70	5490	4.7	F 37 WSS0.12KW-4
29	39	47.02	5500	5.1	FF 37 WSS0.12KW-4
31	36	43.83	5500	5.5	
36	32	38.31	5510	6.3	
38	30	35.91	5520	6.7	
44	26	31.69	5520	7.6	
49	23	28.09	5520	8.6	
58	20	23.88	5270	10	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
58	20	23.63	5250	10	
67	17	20.57	5030	12	
72	16	19.27	4930	13	
81	14	17.03	4740	14	
89	13	15.81	4630	15	
96	12	14.33	4490	17	
107	11	12.87	4330	19	FA 37 WSS0.12KW-4
125	9.2	11.08	4130	21	FAF 37 WSS0.12KW-4
132	87	10.42	4050	21	F 37 WSS0.12KW-4
154	7.4	8.97	3860	24	FF 37 WSS0.12KW-4
186	6.2	7.44	3630	23	
205	5.6	6.44	3510	25	
228	5.0	6.05	3390	27	
265	4.3	5.21	3230	29	
282	4.1	4.90	3170	29	
327	3.5	4.22	3020	31	
0.18kW					
0.10	13500	12912	87500	0.90	
0.11	12100	11656	90000	1.00	
0.13	10700	10191	90000	1.10	FA 127/RF77 WSS0.18KW-4
0.15	8980	8831	90000	1.35	FAF 127/RF77 WSS0.18KW-4
0.17	7770	7643	90000	1.55	F 127/RF77 WSS0.18KW-4
0.20	7150	6715	90000	1.70	FF 127/RF77 WSS0.18KW-4
0.15	8560	8548	47400	0.90	
0.17	8050	7674	28800	0.95	
0.20	7030	6767	51500	1.10	FA 107/RF77 WSS0.18KW-4
0.22	6090	5954	53800	1.25	FAF 107/RF77 WSS0.18KW-4
0.25	5310	5223	55600	1.45	F 107/RF77 WSS0.18KW-4
0.29	4860	4567	56600	1.60	FF 107/RF77 WSS0.18KW-4
0.37	3660	3521	59100	2.1	
0.43	3170	3037	60100	2.4	FA 107/RF77 WSS0.18KW-4
0.48	2880	2756	60600	2.7	FAF 107/RF77 WSS0.18KW-4
0.56	2470	2369	61400	3.1	F 107/RF77 WSS0.18KW-4
0.64	2160	2068	61900	3.6	FF 107/RF77 WSS0.18KW-4
0.30	4660	4330	27900	0.90	FA 97/RF57 WSS0.18KW-4 FAF 97/RF57 WSS0.18KW-4 F 97/RF57 WSS0.18KW-4 FF 97/RF57 WSS0.18KW-4
0.34	4260	3906	30000	1.00	
0.39	3670	3352	31600	1.15	
0.45	3100	2907	33100	1.40	FA 97/RF57 WSS0.18KW-4
0.52	2790	2553	33800	1.55	FAF 97/RF57 WSS0.18KW-4
0.59	2450	2245	34500	1.75	F 97/RF57 WSS0.18KW-4
0.67	2130	1970	35200	2.0	FF 97/RF57 WSS0.18KW-4
0.77	1890	1722	35600	2.3	
0.86	1670	1527	36000	2.6	
0.99	1380	1327	36500	3.1	
1.1	1280	1171	36600	3.3	
0.46	3160	2881	12300	0.95	
0.51	2820	2576	23600	1.05	
0.60	2400	2199	25200	1.25	
0.68	2080	1930	26200	1.45	FA 87/RF57 WSS0.18KW-4
0.77	1860	1709	26800	1.60	FAF 87/RF57 WSS0.18KW-4
0.88	1640	1493	27500	1.85	F 87/RF57 WSS0.18KW-4
1.0	1350	1300	28200	2.2	FF 87/RF57 WSS0.18KW-4
1.1	1210	1148	28500	2.5	
1.3	1050	1010	28900	2.9	
1.5	940	887	29100	3.2	
1.7	810	780	29400	3.7	
0.76	1880	1728	7810	0.80	
0.86	1710	1544	14100	0.90	
0.98	1500	1354	15700	1.00	FA 77/RF37 WSS0.18KW-4
1.1	1330	1200	16800	1.15	FAF 77/RF37 WSS0.18KW-4
1.2	1170	1053	17600	1.30	F 77/RF37 WSS0.18KW-4
1.5	1000	910	18300	1.50	FF 77/RF37 WSS0.18KW-4
1.6	860	810	18800	1.75	
1.9	755	710	19100	2.0	
2.2	670	615	19300	2.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
1.5	910	858	9370	0.95	
1.8	800	755	10400	1.00	FA 67/RF37 WSS0.18KW-4
2.1	685	641	11400	1.20	FAF 67/RF37 WSS0.18KW-4
2.3	625	572	11800	1.30	F 67/RF37 WSS0.18KW-4
2.6	540	509	12200	1.50	FF 67/RF37 WSS0.18KW-4
4.0	470	437	12600	1.75	
3.4	420	384	12700	1.95	
2.6	560	500	12100	1.45	
2.9	510	454	12400	1.60	
3.4	440	392	12700	1.85	FA 67/RF37 WSS0.18KW-4
4.0	370	333	12900	2.2	FAF 67/RF37 WSS0.18KW-4
4.4	325	297	13000	2.5	F 67/RF37 WSS0.18KW-4
5.1	285	261	13000	2.9	FF 67/RF37 WSS0.18KW-4
5.6	260	238	13000	3.2	
6.6	215	200	13000	3.8	
2.4	615	558	9080	1.00	FA 57/RF37 WSS0.18KW-4
2.6	550	506	9560	1.10	FAF 57/RF37 WSS0.18KW-4
2.9	485	452	10000	1.25	F 57/RF37 WSS0.18KW-4
3.4	415	386	10500	1.45	FF 57/RF37 WSS0.18KW-4
3.9	360	338	10800	1.65	
3.1	485	426	10000	1.25	
3.5	430	382	10400	1.40	FA 57/RF37 WSS0.18KW-4
4.0	370	330	10700	1.60	FAF 57/RF37 WSS0.18KW-4
4.4	335	298	11000	1.80	F 57/RF37 WSS0.18KW-4
5.0	290	262	11200	2.0	FF 57/RF37 WSS0.18KW-4
5.8	250	226	11400	2.4	
6.6	215	200	11500	2.8	
3.1	555	281.71	19600	2.7	FA 77 WSS0.18KW-6
3.3	520	262.93	19700	2.9	FAF 77 WSS0.18KW-6
3.8	445	225.79	19800	3.4	F 77 WSS0.18KW-6
					FF 77 WSS0.18KW-6
3.8	450	228.99	12600	1.80	FA 67 WSS0.18KW-6
4.4	385	195.39	12900	2.1	FAF 67 WSS0.18KW-6
5.1	340	170.85	13000	2.4	F 67 WSS0.18KW-6
					FF 67 WSS0.18KW-6
5.8	300	228.99	13000	2.8	FA 67 WSS0.18KW-4
6.8	255	195.39	13000	3.2	FAF 67 WSS0.18KW-4
7.7	225	170.85	13000	3.7	F 67 WSS0.18KW-4
					FF 67 WSS0.18KW-4
4.4	395	199.70	10600	1.50	
4.7	365	183.60	10800	1.65	FA 57 WSS0.18KW-6
5.5	310	157.09	11100	1.95	FAF 57 WSS0.18KW-6
6.4	270	136.16	11300	2.2	F 57 WSS0.18KW-6
6.8	250	127.27	11400	2.4	FF 57 WSS0.18KW-6
7.9	215	110.01	11500	2.8	
6.6	260	199.70	11300	2.3	FA 57 WSS0.18KW-4
7.2	240	183.60	11500	2.5	FAF 57 WSS0.18KW-4
8.4	205	157.09	11500	2.9	F 57 WSS0.18KW-4
9.7	177	136.16	11500	3.4	FF 57 WSS0.18KW-4
10	166	127.27	11500	3.6	
4.6	375	190.76	6240	1.05	
5.0	345	175.38	6600	1.15	FA 47 WSS0.18KW-6
5.8	295	150.06	7090	1.35	FAF 47 WSS0.18KW-6
6.7	255	130.07	7410	1.55	F 47 WSS0.18KW-6
7.2	240	121.57	7530	1.65	FF 47 WSS0.18KW-6
6.9	250	190.76	7470	1.06	
7.5	230	175.38	7610	1.75	FA 47 WSS0.18KW-4
8.8	195	150.06	7800	2.0	FAF 47 WSS0.18KW-4
10	169	130.07	7920	2.4	F 47 WSS0.18KW-4
11	158	121.57	7970	2.5	FF 47 WSS0.18KW-4
7.4	235	117.88	3750	0.85	
8.7	198	100.36	4320	1.00	FA 37 WSS0.18KW-6
10	171	86.53	4660	1.15	FAF 37 WSS0.18KW-6
11	159	80.65	4790	1.25	F 37 WSS0.18KW-6
12	139	70.50	4970	1.45	FF 37 WSS0.18KW-6

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
10	167	128.51	4700	1.20	
11	154	117.88	48500	1.30	
13	131	100.36	5050	1.55	
15	113	86.53	5180	1.75	
16	105	80.65	5230	1.90	
19	92	70.50	5300	2.2	
20	86	66.09	5330	2.3	FA 37 WSS0.18KW-4
23	76	58.32	5380	2.6	FAF 37 WSS0.18KW-4
24	71	54.54	5400	2.8	F 37 WSS0.18KW-4
26	67	51.70	5410	3.0	FF 37 WSS0.18KW-4
28	61	47.02	5440	3.3	
30	57	43.83	5450	3.5	
34	50	38.31	5470	4.0	
37	47	35.91	5480	4.3	
42	41	31.69	5490	4.8	
47	37	28.09	5500	5.5	
55	31	23.88	5260	6.4	
56	31	23.63	5140	6.5	FA 37 WSS0.18KW-4
64	27	20.57	5030	7.5	FAF 37 WSS0.18KW-4
69	25	19.27	4930	8.0	F 37 WSS0.18KW-4
78	22	17.03	4740	9.0	FF 37 WSS0.18KW-4
83	21	15.81	4640	9.7	
92	19	14.33	4500	11	
103	17	12.87	4350	12	
119	14	11.08	4150	13	
127	14	10.42	4070	14	
147	12	8.97	3880	15	FA 37 WSS0.18KW-4
178	9.7	7.44	3650	15	FAF 37 WSS0.18KW-4
196	8.8	6.74	3540	16	F 37 WSS0.18KW-4
218	7.9	6.05	3420	17	FF 37 WSS0.18KW-4
253	6.8	5.21	3560	18	
269	6.4	4.90	3190	19	
323	5.5	4.22	3040	20	
0.25kW					
0.15	13300	8831	88000	0.90	FA 127/RF77 WSS0.25KW-4
0.17	11500	7643	90000	1.05	FAF 127/RF77 WSS0.25KW-4
0.19	10400	6715	90000	1.15	F 127/RF77 WSS0.25KW-4
0.22	9190	5925	90000	1.30	FF 127/RF77 WSS0.25KW-4
0.25	7860	5153	90000	1.55	
0.29	6850	4533	90000	1.75	
0.22	9000	5954	46200	0.85	FA 107/RF77 WSS0.25KW-4
0.25	7860	5223	49300	1.00	FAF 107/RF77 WSS0.25KW-4
0.28	7090	4567	51400	1.10	F 107/RF77 WSS0.25KW-4
0.37	5370	3521	55500	1.45	FF 107/RF77 WSS0.25KW-4
0.43	4680	3037	57000	1.65	
0.47	4240	2756	57900	1.80	FA 107/RF77 WSS0.25KW-4
0.55	3650	2369	59100	2.1	FAF 107/RF77 WSS0.25KW-4
0.63	3180	2068	60000	2.4	F 107/RF77 WSS0.25KW-4
0.81	2440	1597	61400	3.2	FF 107/RF77 WSS0.25KW-4
0.93	2110	1401	62000	3.6	
0.45	4530	2907	29200	0.95	
0.51	4050	2553	30600	1.05	
0.58	3560	2245	31900	1.20	FA 97/RF57 WSS0.25KW-4
0.66	3100	1970	33100	1.40	FAF 97/RF57 WSS0.25KW-4
0.75	2740	1722	33900	1.55	F 97/RF57 WSS0.25KW-4
0.85	2430	1527	34600	1.75	FF 97/RF57 WSS0.25KW-4
0.98	2040	1327	35300	2.1	
1.1	1860	1171	35600	2.3	
1.3	1630	1022	36100	2.6	
0.67	3040	1930	18200	1.00	
0.76	2710	1709	24000	1.10	
0.87	2380	1493	25200	1.25	
1.0	1990	1300	26500	1.50	FA 87/RF57 WSS0.25KW-4
1.1	1780	1148	27100	1.70	FAF 87/RF57 WSS0.25KW-4
1.3	1550	1010	27700	1.95	F 87/RF57 WSS0.25KW-4
1.5	1370	887	28100	2.2	FF 87/RF57 WSS0.25KW-4
1.7	1200	780	28500	2.5	
1.9	1020	674	28900	2.9	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
1.2	1690	1053	14300	0.90	
1.4	1450	910	16000	1.05	
1.6	1250	810	17100	1.20	FA 77/RF37 WSS0.25KW-4
1.8	1110	710	17900	1.35	FAF 77/RF37 WSS0.25KW-4
2.1	970	615	18400	1.55	F 77/RF37 WSS0.25KW-4
2.4	850	538	18800	1.75	FF 77/RF37 WSS0.25KW-4
2.7	760	480	19100	2.0	
3.2	645	413	19400	2.3	
2.0	1000	641	2370	0.80	FA 67/RF37 WSS0.25KW-4
2.3	910	572	9440	0.90	FAF 67/RF37 WSS0.25KW-4
2.6	795	509	10500	1.05	F 67/RF37 WSS0.25KW-4
3.0	685	437	11400	1.20	FF 67/RF37 WSS0.25KW-4
2.6	810	500	10400	1.00	
2.9	740	454	11000	1.10	
3.3	635	392	11700	1.30	FA 67/RF37 WSS0.25KW-4
3.9	535	333	12200	1.55	FAF 67/RF37 WSS0.25KW-4
4.4	475	297	12500	1.70	F 67/RF37 WSS0.25KW-4
5.0	420	261	12700	1.95	FF 67/RF37 WSS0.25KW-4
5.5	375	238	12900	2.2	
3.4	605	386	9170	1.00	FA 57/RF37 WSS0.25KW-4
3.8	525	338	9740	1.15	FAF 57/RF37 WSS0.25KW-4
5.1	400	255	10600	1.50	F 57/RF37 WSS0.25KW-4
					FF 57/RF37 WSS0.25KW-4
3.4	625	382	8710	0.95	
3.9	535	330	9680	1.10	FA 57/RF37 WSS0.25KW-4
4.4	485	298	10000	1.25	FAF 57/RF37 WSS0.25KW-4
5.0	425	262	10400	1.40	F 57/RF37 WSS0.25KW-4
5.8	360	226	10800	1.65	FF 57/RF37 WSS0.25KW-4
6.5	320	200	11000	1.90	
7.7	270	170	11300	2.2	
3.1	765	281.71	19100	1.95	FA 77 WSS0.25KW-6
3.3	715	262.93	19200	2.1	FAF 77 WSS0.25KW-6
3.9	615	225.79	19500	2.5	F 77 WSS0.25KW-6
4.4	540	198.31	19600	2.8	FF 77 WSS0.25KW-6
4.7	510	188.40	19700	2.9	
3.8	620	228.99	11800	1.30	
4.5	530	195.39	12300	1.55	FA 67 WSS0.25KW-6
5.2	465	170.85	12600	1.75	FAF 67 WSS0.25KW-6
5.4	440	162.31	12700	1.85	F 67 WSS0.25KW-6
6.2	385	142.40	12900	2.1	FF 67 WSS0.25KW-6
5.7	420	228.99	12700	1.95	
6.7	360	195.39	13000	2.3	FA 67 WSS0.25KW-4
7.6	315	170.85	13000	2.6	FAF 67 WSS0.25KW-4
8.0	300	162.31	13000	2.8	F 67 WSS0.25KW-4
9.1	260	142.40	13000	3.1	FF 67 WSS0.25KW-4
4.4	540	199.70	9630	1.10	
4.8	500	183.60	9940	1.20	FA 57 WSS0.25KW-6
5.6	425	157.09	10400	1.40	FAF 57 WSS0.25KW-6
6.5	370	136.16	10800	1.60	F 57 WSS0.25KW-6
6.9	345	127.27	10900	1.75	FF 57 WSS0.25KW-6
8.0	300	110.01	11100	2.0	
6.5	365	199.70	10800	1.65	
7.1	335	183.60	10900	1.80	FA 57 WSS0.25KW-4
8.3	290	157.09	11200	2.1	FAF 57 WSS0.25KW-4
9.6	250	136.16	11400	2.4	F 57 WSS0.25KW-4
10	235	127.27	11500	2.6	FF 57 WSS0.25KW-4
12	200	110.01	11500	3.0	
5.9	405	150.06	5750	1.00	FA 47 WSS0.25KW-6
6.8	355	130.07	6530	1.15	FAF 47 WSS0.25KW-6
7.2	330	121.57	6770	1.20	F 47 WSS0.25KW-6
8.4	285	105.09	7190	1.40	FF 47 WSS0.25KW-6
6.8	350	190.76	6550	1.15	
7.4	320	175.38	6850	1.25	FA 47 WSS0.25KW-4
8.7	275	150.06	7270	1.45	FAF 47 WSS0.25KW-4
10	240	130.07	7540	1.65	F 47 WSS0.25KW-4
11	225	121.57	7640	1.80	FF 47 WSS0.25KW-4
12	193	105.09	7810	2.1	
15	164	89.29	7950	2.4	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
10	235	128.51	3690	0.85	
11	215	117.88	4040	0.90	
13	184	100.36	4500	1.10	
15	159	86.53	4790	1.25	
16	148	80.65	4900	1.35	
18	130	70.50	5060	1.55	
20	121	66.09	5120	1.65	
22	107	58.32	5210	1.85	FA 37 WSS0.25KW-4
24	100	54.54	5260	2.0	FAF 37 WSS0.25KW-4
25	95	51.70	5280	2.1	F 37 WSS0.25KW-4
28	86	47.02	5330	2.3	FF 37 WSS0.25KW-4
30	81	43.83	5360	2.5	
34	70	38.31	5400	2.8	
36	66	35.91	5420	3.0	
41	58	31.69	5450	3.4	
46	52	28.09	5430	3.9	
54	44	23.88	5180	4.6	
55	43	23.63	5170	4.6	
63	38	20.57	4960	5.3	
67	35	19.27	4870	5.7	
76	31	17.03	4690	6.4	
82	29	15.81	4590	6.9	
91	26	14.33	4460	7.6	
101	24	12.87	4320	8.5	FA 37 WSS0.25KW-4
117	20	11.08	4120	9.3	FAF 37 WSS0.25KW-4
125	19	10.42	4050	9.7	F 37 WSS0.25KW-4
145	17	8.97	3860	11	FF 37 WSS0.25KW-4
175	14	7.44	3630	11	
193	12	6.74	3520	11	
215	11	6.05	3410	12	
249	9.6	5.21	3250	13	
265	9.0	4.90	3190	13	
308	7.7	4.22	3040	14	
0.37kW					
0.21	14900	6715	84800	0.80	
0.23	13100	5925	88300	0.90	
0.27	11300	5153	90000	1.05	FA 127/RF77 WSS0.37KW-4
0.30	9850	4533	90000	1.20	FAF 127/RF77 WSS0.37KW-4
0.35	8590	3926	90000	1.40	F 127/RF77 WSS0.37KW-4
0.40	7510	3454	90000	1.60	FF 127/RF77 WSS0.37KW-4
0.46	6570	3031	90000	1.85	
0.45	6720	3037	52300	1.15	
0.50	6090	2756	53800	1.25	FA 107/RF77 WSS0.37KW-4
0.58	5240	2369	55800	1.45	FAF 107/RF77 WSS0.37KW-4
0.67	4570	2068	57200	1.70	F 107/RF77 WSS0.37KW-4
0.86	3510	1597	59400	2.0	FF 107/RF77 WSS0.37KW-4
0.61	5070	2245	5160	0.85	
0.70	4430	1970	29500	0.95	
0.80	3900	1722	31000	1.10	FA 97/RF57 WSS0.37KW-4
0.90	3460	1527	32200	1.25	FAF 97/RF57 WSS0.37KW-4
1.0	2930	1327	33500	1.45	F 97/RF57 WSS0.37KW-4
1.2	2650	1171	34100	1.60	FF 97/RF57 WSS0.37KW-4
1.4	2310	1022	34800	1.85	
1.5	1960	898	35500	2.2	
1.1	2870	1300	23400	1.05	
1.2	2550	1148	24600	1.20	
1.4	2230	1010	25700	1.35	
1.6	1970	887	26500	1.50	FA 87/RF57 WSS0.37KW-4
1.8	1720	780	27200	1.75	FAF 87/RF57 WSS0.37KW-4
2.0	1470	674	27900	2.0	F 87/RF57 WSS0.37KW-4
2.3	1340	609	28200	2.2	FF 87/RF57 WSS0.37KW-4
2.7	1130	515	28700	2.7	
3.0	1000	452	29000	3.0	
1.7	1810	810	13300	0.85	
1.9	1590	710	15100	0.95	
2.2	1390	615	16400	1.10	FA 77/RF37 WSS0.37KW-4
2.6	1210	538	17400	1.25	FAF 77/RF37 WSS0.37KW-4
2.9	1080	480	18000	1.40	F 77/RF37 WSS0.37KW-4
3.3	920	413	18600	1.65	FF 77/RF37 WSS0.37KW-4
3.8	830	367	18900	1.80	
4.3	730	323	19200	2.0	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
3.2	980	437	5750	0.85	
3.6	870	384	9880	0.95	FA 67/RF37WSS0.37KW-4
4.1	770	338	10800	1.05	FAF 67/RF37WSS0.37KW-4
4.5	685	305	11400	1.20	F 67/RF37WSS0.37KW-4
5.4	575	257	12000	1.40	FF 67/RF37WSS0.37KW-4
6.0	510	231	12400	1.60	
5.4	570	255	9420	1.05	FA 57/RF37WSS0.37KW-4
6.9	445	201	10300	1.35	FAF 57/RF37WSS0.37KW-4
7.6	405	181	10500	1.50	F 57/RF37WSS0.37KW-4
					FF 57/RF37WSS0.37KW-4
5.3	605	262	9170	1.00	
6.1	515	226	9810	1.15	FA 57/RF37WSS0.37KW-4
6.9	455	200	10200	1.30	FAF 57/RF37WSS0.37KW-4
8.1	385	170	10700	1.55	F 57/RF37WSS0.37KW-4
9.1	345	152	10900	1.75	FF 57/RF37WSS0.37KW-4
10	300	134	11100	2.0	
2.5	1410	270.68	28100	2.1	FA 87 WSS0.37KW-8
2.7	1330	255.37	28200	2.3	FAF 87 WSS0.37KW-8
3.0	1190	228.93	28600	2.5	F 87 WSS0.37KW-8
3.5	1020	197.20	28900	2.9	FF 87 WSS0.37KW-8
3.3	1060	270.68	28800	2.8	FA 87 WSS0.37KW-6
3.5	1000	255.37	29000	3.0	FAF 87 WSS0.37KW-6
3.9	900	228.93	29200	3.3	F 87 WSS0.37KW-6
					FF 87 WSS0.37KW-6
4.0	890	225.79	18700	1.70	FA 77 WSS0.37KW-6
4.5	780	198.31	19100	1.95	FAF 77 WSS0.37KW-6
4.8	740	188.40	19200	2.0	F 77 WSS0.37KW-6
5.4	655	166.47	19400	2.3	FF 77 WSS0.37KW-6
6.3	560	142.27	19600	2.7	
4.9	720	281.71	19200	2.1	FA 77 WSS0.37KW-4
5.2	675	262.93	19300	2.2	FAF 77 WSS0.37KW-4
6.1	580	225.79	19500	2.6	F 77 WSS0.37KW-4
7.0	510	198.31	19700	3.0	FF 77 WSS0.37KW-4
4.6	765	195.39	10800	1.05	
5.3	670	170.85	11500	1.20	FA 67 WSS0.37KW-6
5.6	635	162.31	11700	1.30	FAF 67 WSS0.37KW-6
6.3	560	142.40	12100	1.45	F 67 WSS0.37KW-6
7.4	475	120.79	12500	1.75	FF 67 WSS0.37KW-6
6.0	585	228.99	12000	1.40	
7.1	500	195.39	12400	1.65	FA 67 WSS0.37KW-4
8.1	435	170.85	12700	1.85	FAF 67 WSS0.37KW-4
8.5	415	162.31	12800	1.95	F 67 WSS0.37KW-4
9.7	365	142.40	12900	2.2	FF 67 WSS0.37KW-4
11	310	120.79	13000	2.7	
5.7	615	157.09	9070	0.95	FA 57 WSS0.37KW-6
6.6	535	136.16	9680	1.10	FAF 57 WSS0.37KW-6
7.1	500	127.27	9930	1.20	F 57 WSS0.37KW-6
8.2	430	110.01	10400	1.40	FF 57 WSS0.37KW-6
6.9	510	199.70	9850	1.15	
7.5	470	183.60	10100	1.30	
8.8	400	157.09	10600	1.50	FA 57 WSS0.37KW-4
10	350	136.16	10900	1.70	FAF 57 WSS0.37KW-4
11	325	127.27	11000	1.85	F 57 WSS0.37KW-4
13	280	110.01	11200	2.1	FF 57 WSS0.37KW-4
15	240	93.47	11500	2.5	
17	215	83.46	11500	2.8	
9.2	385	150.06	6140	1.05	
11	335	130.07	6740	1.20	FA 47 WSS0.37KW-4
13	270	105.09	7320	1.50	FAF 47 WSS0.37KW-4
15	230	89.29	7600	1.75	F 47 WSS0.37KW-4
17	205	79.72	7750	1.95	FF 47 WSS0.37KW-4
20	174	68.09	7900	2.3	
21	167	65.36	7930	2.4	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
16	220	86.53	3960	0.90	
17	205	80.65	4200	0.95	
20	181	70.50	4550	1.10	
21	169	66.09	4680	1.20	
24	149	58.32	4890	1.35	
25	140	54.54	4970	1.45	FA 37 WSS0.37KW-4
27	132	51.70	5030	1.50	FAF 37 WSS0.37KW-4
29	120	47.02	5120	1.65	F 37 WSS0.37KW-4
31	112	43.83	5180	1.80	FF 37 WSS0.37KW-4
36	98	38.31	5270	2.0	
38	92	35.91	5300	2.2	
44	81	31.69	5300	2.5	
49	72	28.09	5140	2.8	
58	61	23.88	4930	3.3	
58	61	23.63	4920	3.3	
67	53	20.57	4740	3.8	
72	49	19.27	4650	4.1	
81	44	17.03	4500	4.6	
87	41	15.81	4400	4.9	
96	37	14.33	4280	5.4	
107	33	12.87	4150	6.1	FA 37 WSS0.37KW-4
125	28	11.08	3970	6.7	FAF 37 WSS0.37KW-4
132	27	10.42	3900	6.9	F 37 WSS0.37KW-4
154	23	8.97	3730	7.6	FF 37 WSS0.37KW-4
186	19	7.44	3510	7.6	
205	17	6.74	3410	8.1	
228	16	6.05	3300	8.7	
265	13	5.21	3150	9.4	
282	13	4.90	3090	9.6	
327	11	4.22	2950	10	
0.55kW					
0.22	20500	6295	92000	0.90	FA 157/RF97 WSS0.55KW-4
0.25	17400	5404	102100	1.05	FAF 157/RF97 WSS0.55KW-4
0.49	8930	2780	118700	2.0	F 157/RF97 WSS0.55KW-4
					FF 157/RF97 WSS0.55KW-4
0.56	7760	2427	120000	2.3	FA 157/RF97 WSS0.55KW-4
0.81	5520	1674	120000	3.3	FAF 157/RF97 WSS0.55KW-4
1.0	4220	1308	120000	4.3	F 157/RF97 WSS0.55KW-4
1.2	3730	1169	120000	4.8	FF 157/RF97 WSS0.55KW-4
0.35	13300	3926	88000	0.90	FA 127/RF77 WSS0.55KW-4
0.39	11600	3454	90000	1.05	FAF 127/RF77 WSS0.55KW-4
0.45	10200	3031	90000	1.20	F 127/RF77 WSS0.55KW-4
					FF 127/RF77 WSS0.55KW-4
0.57	8100	2369	48700	0.95	
0.66	7070	2068	51400	1.10	
0.74	6110	1826	53800	1.25	
0.85	5440	1597	55300	1.40	FA 107/RF77 WSS0.55KW-4
0.97	4750	1401	56900	1.60	FAF 107/RF77 WSS0.55KW-4
1.1	4160	1243	58100	1.85	F 107/RF77 WSS0.55KW-4
1.2	3700	1087	59000	2.1	FF 107/RF77 WSS0.55KW-4
1.4	3180	950	60000	2.4	
1.6	2770	834	60800	2.8	
2.1	2150	640	61900	3.6	
1.0	4530	1327	29200	0.95	
1.2	4060	1171	30600	1.05	
1.3	3550	1022	32000	1.20	
1.5	3050	898	33200	1.40	FA 97/RF57WSS0.55KW-4
1.7	2690	784	34000	1.60	FAF 97/RF57WSS0.55KW-4
2.0	2340	690	34700	1.85	F 97/RF57WSS0.55KW-4
2.2	2060	605	35300	2.1	FF 97/RF57WSS0.55KW-4
2.6	1790	529	35800	2.4	
2.9	1580	467	36100	2.7	
3.4	1360	406	36500	3.2	
3.7	1220	363	36700	3.5	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.55kW					
1.5	3040	887	18200	1.00	
1.7	2660	780	24200	1.15	FA 87/RF57WSS0.55KW-4
2.0	2290	674	25500	1.30	FAF 87/RF57WSS0.55KW-4
2.2	2080	609	26200	1.45	F 87/RF57WSS0.55KW-4
2.6	1750	515	27100	1.70	FF 87/RF57WSS0.55KW-4
3.0	1540	452	27700	1.95	
3.9	1160	345	28600	2.6	
2.5	1860	538	9980	0.80	
2.8	1660	480	14600	0.90	FA 77/RF37WSS0.55KW-4
3.3	1420	413	16200	1.05	FAF 77/RF37WSS0.55KW-4
3.7	1270	367	17100	1.20	F 77/RF37WSS0.55KW-4
4.2	1120	323	17800	1.35	FF 77/RF37WSS0.55KW-4
5.3	890	257	9660	0.90	FA 67/RF37WSS0.55KW-4
5.9	790	231	10600	1.05	FAF 67/RF37WSS0.55KW-4
6.6	705	205	11200	1.15	F 67/RF37WSS0.55KW-4
7.8	600	175	11900	1.35	FF 67/RF37WSS0.55KW-4
2.5	2140	276.77	35100	2.0	FA 97 WSS0.55KW-8
2.7	1960	253.41	35500	2.2	FAF 97 WSS0.55KW-8
3.0	1730	223.88	35900	2.5	F 97 WSS0.55KW-8
					FF 97 WSS0.55KW-8
2.5	2090	270.68	26200	1.45	FA 87 WSS0.55KW-8
2.7	1970	255.37	26500	1.50	FAF 87 WSS0.55KW-8
3.0	1770	228.93	27100	1.70	F 87 WSS0.55KW-8
3.5	1520	197.20	27800	1.95	FF 87 WSS0.55KW-8
3.3	1580	270.68	27600	1.90	
3.5	1490	255.37	27800	2.0	FA 87 WSS0.55KW-6
3.9	1340	228.93	28200	2.2	FAF 87 WSS0.55KW-6
4.6	1150	197.20	28700	2.6	F 87 WSS0.55KW-6
5.0	1050	179.97	28900	2.9	FF 87 WSS0.55KW-6
4.0	1320	225.79	16800	1.15	
4.5	1160	198.31	17600	1.30	FA 77 WSS0.55KW-6
4.8	1100	188.40	17900	1.35	FAF 77 WSS0.55KW-6
5.4	970	166.47	18400	1.55	F 77 WSS0.55KW-6
6.3	830	142.27	18900	1.80	FF 77 WSS0.55KW-6
6.9	760	130.42	19100	1.95	
6.0	870	225.79	18800	1.70	
6.9	765	198.31	19100	1.95	
7.2	730	188.40	19200	2.1	
8.2	645	166.47	19400	2.3	FA 77 WSS0.55KW-4
9.6	550	142.27	19600	2.7	FAF 77 WSS0.55KW-4
10	505	130.42	19700	3.0	F 77 WSS0.55KW-4
12	440	114.45	19800	3.4	FF 77 WSS0.55KW-4
13	420	108.46	19800	3.6	
14	365	94.93	19900	4.1	
7.0	755	195.39	10900	1.10	
8.0	660	170.85	11500	1.25	
8.4	625	162.31	11700	1.30	
9.6	550	142.40	12200	1.50	FA 67 WSS0.55KW-4
11	465	120.79	12600	1.75	FAF 67 WSS0.55KW-4
12	420	109.04	12700	1.95	F 67 WSS0.55KW-4
14	370	95.94	12900	2.2	FF 67 WSS0.55KW-4
15	350	90.59	13000	2.3	
17	310	79.76	13000	2.7	
8.7	605	157.09	9150	1.00	
10	525	136.16	9750	1.15	
11	490	127.27	9980	1.20	
12	425	110.01	10400	1.40	FA 57 WSS0.55KW-4
15	360	93.47	10800	1.65	FAF 57 WSS0.55KW-4
16	320	83.46	11000	1.85	F 57 WSS0.55KW-4
19	280	72.98	11200	2.1	FF 57 WSS0.55KW-4
20	265	68.22	11300	2.3	
23	230	58.97	11500	2.6	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.55kW					
13	405	105.09	5840	1.00	FA 47 WSS0.55KW-4 FAF 47 WSS0.55KW-4 F 47 WSS0.55KW-4 FF 47 WSS0.55KW-4
15	345	89.29	6620	1.15	
17	310	79.72	6990	1.30	
20	265	68.09	7370	1.50	
21	250	65.36	7440	1.60	
24	220	56.49	7670	1.85	
28	185	48.00	7850	2.2	
32	166	42.86	7940	2.4	
23	225	58.32	3890	0.90	FA 37 WSS0.55KW-4 FAF 37 WSS0.55KW-4 F 37 WSS0.55KW-4 FF 37 WSS0.55KW-4
25	210	54.54	4140	0.95	
26	200	51.70	4300	1.00	
29	182	47.02	4540	1.10	
31	169	43.83	4680	1.20	
36	148	38.31	4900	1.35	
38	139	35.91	4980	1.45	
43	122	31.69	4990	1.65	
48	109	28.09	4870	1.85	
57	92	23.88	4700	2.2	
58	91	23.63	4690	2.2	FA 37 WSS0.55KW-4 FAF 37 WSS0.55KW-4 F 37 WSS0.55KW-4 FF 37 WSS0.55KW-4
66	79	20.57	4540	2.5	
71	74	19.27	4470	2.7	
80	66	17.03	4340	3.0	
95	55	14.33	4150	3.6	
106	50	12.87	4030	4.0	
123	43	11.08	3870	4.4	
130	40	10.42	3810	4.6	
152	35	8.97	3650	5.1	
170	31	8.01	3540	5.5	
183	29	7.44	3440	5.1	
202	26	6.74	3340	5.4	
225	23	6.05	3240	5.8	
261	20	5.21	3100	6.2	
277	19	4.90	3050	6.3	
322	16	4.22	2920	6.8	
361	15	3.77	2820	7.2	
0.75kW					
0.50	12300	2780	113600	1.45	FA 157/RF97 WSS0.75KW-4 FAF 157/RF97 WSS0.75KW-4 F 157/RF97 WSS0.75KW-4 FF 157/RF97 WSS0.75KW-4
0.57	10700	2427	116200	1.70	FA 157/RF97 WSS0.75KW-4 FAF 157/RF97 WSS0.75KW-4 F 157/RF97 WSS0.75KW-4 FF 157/RF97 WSS0.75KW-4
0.82	7580	1674	120000	2.4	
1.1	5830	1308	120000	3.1	
1.2	5170	1169	120000	3.5	
0.46	13800	3031	86900	0.85	FA 127/RF77 WSS0.75KW-4 FAF 127/RF77 WSS0.75KW-4 F 127/RF77 WSS0.75KW-4 FF 127/RF77 WSS0.75KW-4
0.52	12400	2672	89600	0.95	FA 157/RF97 WSS0.75KW-4 FAF 157/RF97 WSS0.75KW-4 F 157/RF97 WSS0.75KW-4 FF 157/RF97 WSS0.75KW-4
0.59	10900	2357	90000	1.10	
0.68	9390	2038	90000	1.30	
0.77	8190	1784	90000	1.45	
0.86	7350	1606	90000	1.65	
0.76	8360	1826	48000	0.90	FA 107/RF77 WSS0.75KW-4 FAF 107/RF77 WSS0.75KW-4 F 107/RF77 WSS0.75KW-4 FF 107/RF77 WSS0.75KW-4
0.86	7400	1597	50500	1.05	
0.98	6470	1401	52900	1.20	
1.1	5690	1243	54800	1.35	
1.3	5040	1087	56200	1.50	
1.5	4350	950	57700	1.75	
1.7	3800	834	58800	2.0	
2.2	2940	640	60500	2.6	
3.2	2000	436	62200	3.8	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
1.4	4810	1022	22800	0.90	FA 97/RF57WSS0.75KW-4 FAF 97/RF57WSS0.75KW-4 F 97/RF57WSS0.75KW-4 FF 97/RF57WSS0.75KW-4
1.5	4150	898	30300	1.05	
1.8	3660	784	31700	1.20	
2.0	3190	690	32900	1.35	
2.3	2800	605	33800	1.55	
2.6	2440	529	34500	1.75	
3.0	2160	467	35100	2.0	
3.4	1860	406	35600	2.3	
3.8	1670	363	36000	2.6	
2.0	3120	674	14700	0.95	FA 87/Rf57 WSS0.75KW-4 FAF 87/Rf57 WSS0.75KW-4 F 87/Rf57 WSS0.75KW-4 FF 87/Rf57 WSS0.75KW-4
2.3	2830	609	23600	1.05	
2.7	2390	515	25200	1.25	
3.0	2100	452	26100	1.45	
4.0	1590	345	27600	1.90	
3.8	1720	367	14100	0.85	FA 77 R37 WSS0.75KW-4 FAF 77 R37 WSS0.75KW-4 F 77 R37 WSS0.75KW-4 FF 77 R37 WSS0.75KW-4
4.3	1520	323	15600	1.00	
4.9	1310	280	16900	1.15	
2.7	2640	254.40	61100	2.9	FA 107 WSS0.75KW-8 FAF 107 WSS0.75KW-8 F 107 WSS0.75KW-8 FF 107 WSS0.75KW-8
2.5	2870	276.77	33600	1.50	FA 97 WSS0.75KW-8 FAF 97 WSS0.75KW-8 F 97 WSS0.75KW-8 FF 97 WSS0.75KW-8
2.7	2630	253.41	34100	1.65	
3.1	2320	223.88	34800	1.85	
3.2	2200	276.77	35000	1.95	FA 97 WSS0.75KW-6 FAF 97 WSS0.75KW-6 F 97 WSS0.75KW-6 FF 97 WSS0.75KW-6
3.5	2020	253.41	35400	2.1	
4.0	1780	223.88	35800	2.4	
3.3	2150	270.68	26000	1.40	FA 87 WSS0.75KW-6 FAF 87 WSS0.75KW-6 F 87 WSS0.75KW-6 FF 87 WSS0.75KW-6
3.5	2030	255.37	26300	1.50	
3.9	1820	228.93	27000	1.65	
4.6	1570	197.20	27600	1.90	
5.0	1430	179.97	28000	2.1	
5.6	1270	156.61	28400	2.4	
5.1	1400	270.68	28100	2.1	FA 87 WSS0.75KW-4 FAF 87 WSS0.75KW-4 F 87 WSS0.75KW-4 FF 87 WSS0.75KW-4
5.4	1330	255.37	28200	2.3	
6.0	1190	228.93	28600	2.5	
4.5	1580	198.31	15200	0.95	FA 77 WSS0.75KW-6 FAF 77 WSS0.75KW-6 F 77 WSS0.75KW-6 FF 77 WSS0.75KW-6
4.8	1500	188.40	15700	1.00	
5.4	1320	166.47	16800	1.15	
6.3	1130	142.27	17800	1.30	
6.9	1040	130.42	18200	1.45	
6.1	1170	225.79	17600	1.30	FA 77 WSS0.75KW-4 FAF 77 WSS0.75KW-4 F 77 WSS0.75KW-4 FF 77 WSS0.75KW-4
7.0	1030	198.31	18200	1.45	
7.3	980	188.40	18400	1.55	
8.3	860	166.47	18800	1.75	FA 77 WSS0.75KW-4 FAF 77 WSS0.75KW-4 F 77 WSS0.75KW-4 FF 77 WSS0.75KW-4
9.7	740	142.27	19200	2.0	
11	675	130.42	19300	2.2	
12	595	114.45	19500	2.5	
13	565	108.46	19600	2.7	
8.1	890	170.85	9670	0.90	FA 67 WSS0.75KW-4 FAF 67 WSS0.75KW-4 F 67 WSS0.75KW-4 FF 67 WSS0.75KW-4
8.5	840	162.31	10100	0.95	
9.7	740	142.40	11000	1.10	
11	625	120.79	11700	1.30	
13	565	109.04	12100	1.45	FA 67 WSS0.75KW-4 FAF 67 WSS0.75KW-4 F 67 WSS0.75KW-4 FF 67 WSS0.75KW-4
14	500	95.94	12400	1.65	
15	470	90.59	12500	1.75	
17	415	79.76	12800	2.0	
20	350	67.65	13000	2.3	
23	315	61.07	13000	2.6	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
11	660	127.27	5290	0.90	FA 47 WSS0.75KW-4 FAF 47 WSS0.75KW-4 F 47 WSS0.75KW-4 FF 47 WSS0.75KW-4
13	570	110.01	9420	1.05	
15	485	93.47	10000	1.25	
17	435	83.46	10400	1.40	
19	380	72.98	10700	1.60	
20	355	68.22	10800	1.70	
23	305	58.97	11100	1.95	
28	260	50.10	11300	2.3	
31	230	44.73	11400	2.6	
17	415	79.72	5060	0.95	FA 47 WSS0.75KW-4 FAF 47 WSS0.75KW-4 F 47 WSS0.75KW-4 FF 47 WSS0.75KW-4
20	355	68.09	6520	1.15	
21	340	65.36	6680	1.20	
24	295	56.49	7120	1.35	FA 47 WSS0.75KW-4 FAF 47 WSS0.75KW-4 F 47 WSS0.75KW-4 FF 47 WSS0.75KW-4
29	250	48.00	7470	1.60	
32	220	42.86	7640	1.80	
38	190	36.61	7820	2.1	
40	178	34.29	7850	2.2	
48	150	28.88	7540	2.7	
29	245	47.02	3530	0.80	FA 37 WSS0.75KW-4 FAF 37 WSS0.75KW-4 F 37 WSS0.75KW-4 FF 37 WSS0.75KW-4
31	230	43.83	3850	0.90	
36	199	38.31	4310	1.00	
38	186	35.91	4480	1.05	
44	165	31.69	4620	1.20	
49	146	28.09	4540	1.35	
58	124	23.88	4410	1.60	
58	123	23.63	4400	1.65	FA 37 WSS0.75KW-4 FAF 37 WSS0.75KW-4 F 37 WSS0.75KW-4 FF 37 WSS0.75KW-4
67	107	20.57	4290	1.85	
72	100	19.27	4240	2.0	
81	88	17.03	4130	2.3	
96	74	14.33	3970	2.7	
107	67	12.87	3870	3.0	
125	58	11.08	3730	3.3	
132	54	10.42	3680	3.4	
154	47	8.97	3540	3.8	
205	35	6.74	3250	4.0	
228	31	6.05	3150	4.3	
265	27	5.21	3030	4.6	
282	25	4.90	2970	4.7	
327	22	4.22	2850	5.0	
366	20	3.77	2760	5.4	
1.1kW					
0.50	18200	2780	99800	1.00	FA 157/RF97WSS1.1KW-4 FAF 157/RF97WSS1.1KW-4 F 157/RF97WSS1.1KW-4 FF 157/RF97WSS1.1KW-4
0.58	16000	2427	105800	1.15	FA 157/RF97WSS1.1KW-4 FAF 157/RF97WSS1.1KW-4 F 157/RF97WSS1.1KW-4 FF 157/RF97WSS1.1KW-4
0.64	14300	2185	109700	1.25	
0.72	12700	1944	112900	1.40	
0.84	11200	1674	115500	1.60	
1.1	8640	1308	119000	2.1	
1.2	7680	1169	120000	2.3	
1.5	6190	953	120000	2.9	
1.7	5450	845	120000	3.3	
3.1	2880	446	120000	6.2	
4.6	1950	302	120000	9.2	
0.69	13800	2038	87000	0.85	FA 127/RF77WSS1.1KW-4 FAF 127/RF77WSS1.1KW-4 F 127/RF77WSS1.1KW-4 FF 127/RF77WSS1.1KW-4
0.79	12000	1784	90000	1.00	
0.87	10800	1606	90000	1.10	
1.0	9350	1390	90000	1.30	
1.1	8170	1220	90000	1.45	
1.3	7260	1077	90000	1.65	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
1.1	8360	1243	48000	0.90	FA 107/RF77WSS1.1KW-4 FAF 107/RF77WSS1.1KW-4 F 107/RF77WSS1.1KW-4 FF 107/RF77WSS1.1KW-4
1.3	7370	1087	50600	1.05	
1.5	6390	950	53100	1.20	
1.7	5590	834	55000	1.35	
1.9	4910	736	56500	1.55	
2.2	4310	640	57800	1.80	
2.0	4670	690	27800	0.90	FA 97/RF57 WSS1.1KW-4 FAF 97/RF57 WSS1.1KW-4 F 97/RF57 WSS1.1KW-4 FF 97/RF57 WSS1.1KW-4
2.3	4100	605	30500	1.05	
2.7	3580	529	31900	1.20	
3.0	3160	467	32900	1.35	
3.5	2730	406	33900	1.55	
3.8	2450	363	34500	1.75	
3.1	3070	452	16900	1.00	FA 87/RF57 WSS1.1KW-4 FAF 87/RF57 WSS1.1KW-4 F 87/RF57 WSS1.1KW-4 FF 87/RF57 WSS1.1KW-4
4.1	2330	345	25400	1.30	
4.7	2020	300	26400	1.50	
5.6	1670	249	27400	1.80	
2.7	3930	254.40	58600	1.95	FA 107 WSS1.1KW-8 FAF 107 WSS1.1KW-8 F 107 WSS1.1KW-8 FF 107 WSS1.1KW-8
3.2	3330	215.37	59800	2.3	
3.4	3080	199.31	60200	2.5	
3.8	2760	178.64	60800	2.8	
3.3	3160	276.77	32900	1.35	FA 97 WSS1.1KW-6 FAF 97 WSS1.1KW-6 F 97 WSS1.1KW-6 FF 97 WSS1.1KW-6
3.6	2890	253.41	33600	1.50	
4.1	2560	223.88	34300	1.70	
4.8	2170	189.92	35100	2.0	
5.3	2000	174.87	35400	2.2	
5.1	2080	276.77	35200	2.1	FA 97 WSS1.1KW-4 FAF 97 WSS1.1KW-4 F 97 WSS1.1KW-4 FF 97 WSS1.1KW-4
5.5	1900	253.41	35600	2.3	
6.2	1680	223.88	36000	2.6	
3.4	3090	270.68	16000	0.95	FA 87 WSS1.1KW-6 FAF 87 WSS1.1KW-6 F 87 WSS1.1KW-6 FF 87 WSS1.1KW-6
3.6	2920	255.37	22700	1.05	
4.0	2610	228.93	24400	1.15	
4.7	2250	197.20	25700	1.35	
5.1	2050	179.97	26300	1.45	
5.8	1820	159.61	27000	1.65	
5.2	2030	270.68	26300	1.50	FA 87 WSS1.1KW-4 FAF 87 WSS1.1KW-4 F 87 WSS1.1KW-4 FF 87 WSS1.1KW-4
5.5	1920	255.37	26700	1.55	
6.1	1720	228.93	27200	1.75	
7.1	1480	197.20	27900	2.0	
7. 8	1350	179.97	28200	2.2	FA 87 WSS1.1KW-4 FAF 87 WSS1.1KW-4 F 87 WSS1.1KW-4 FF 87 WSS1.1KW-4
8. 8	1200	159.61	28500	2.5	
10	1010	134.16	29000	3.0	
11	930	123.29	29100	3.2	
7.1	1490	198.31	15800	1.00	FA 77 WSS1.1KW-4 FAF 77 WSS1.1KW-4 F 77 WSS1.1KW-4 FF 77 WSS1.1KW-4
7.4	1410	188.40	16300	1.05	
8.4	1250	166.47	17200	1.20	
9.8	1070	142.27	18000	1.40	
11	980	130.42	18400	1.55	FA 77 WSS1.1KW-4 FAF 77 WSS1.1KW-4 F 77 WSS1.1KW-4 FF 77 WSS1.1KW-4
12	860	114.45	18800	1.75	
13	810	108.46	18900	1.85	
15	710	94.93	19200	2.1	
16	640	85.52	19400	2.3	
19	565	75.02	19600	2.7	
12	910	120.79	9460	0.90	FA 67 WSS1.1KW-4 FAF 67 WSS1.1KW-4 F 67 WSS1.1KW-4 FF 67 WSS1.1KW-4
13	820	109.04	10300	1.00	
15	720	95.94	11100	1.15	
15	680	90.59	11400	1.20	
18	600	79.76	11900	1.35	
21	510	67.65	12400	1.60	
23	460	61.07	12600	1.80	
26	405	53.73	12800	2.0	
28	380	50.74	12900	2.2	
32	325	43.20	13000	2.5	
36	295	39.26	13000	2.7	
41	255	34.01	13000	2.9	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
1.1kW					
17	625	83.46	8470	0.95	
19	550	72.98	9590	1.10	
21	510	68.22	9840	1.15	
24	440	58.97	10300	1.35	FA 57 WSS1.1KW-4
28	375	50.10	10700	1.60	FAF 57 WSS1.1KW-4
31	335	44.73	10700	1.80	F 57 WSS1.1KW-4
37	285	38.21	10400	2.1	FF 57 WSS1.1KW-4
39	270	35.79	10200	2.2	
46	225	30.15	9810	2.6	
25	425	56.49	3730	0.95	FA 47 WSS1.1KW-4
29	360	48.00	6440	1.10	FAF 47 WSS1.1KW-4
					F 47 WSS1.1KW-4
					FF 47 WSS1.1KW-4
33	320	42.86	6860	1.25	FA 47 WSS1.1KW-4
38	275	36.61	7280	1.45	FAF 47 WSS1.1KW-4
41	255	34.29	7260	1.55	F 47 WSS1.1KW-4
48	215	28.88	7040	1.85	FF 47 WSS1.1KW-4
45	230	30.86	7130	1.75	
48	220	29.32	7060	1.80	FA 47 WSS1.1KW-4
54	193	25.72	6880	2.1	FAF 47 WSS1.1KW-4
64	164	21.82	6640	2.4	F 47 WSS1.1KW-4
71	148	19.70	6490	2.7	FF 47 WSS1.1KW-4
44	240	31.69	3660	0.85	FA 37 WSS1.1KW-4
50	210	28.09	3970	1.95	FAF 37 WSS1.1KW-4
59	179	23.88	3930	1.10	F 37 WSS1.1KW-4
					FF 37 WSS1.1KW-4
68	154	20.57	3870	1.30	
73	145	19.27	3740	1.40	
82	128	17.03	3780	1.55	
98	108	14.33	3680	1.85	
109	97	12.87	3610	2.1	
126	83	11.08	3500	2.3	
134	78	10.42	3460	2.4	FA 37 WSS1.1KW-4
156	67	8.97	3350	2.6	FAF 37 WSS1.1KW-4
175	60	8.01	3260	2.8	F 37 WSS1.1KW-4
208	51	6.74	3090	2.8	FF 37 WSS1.1KW-4
231	45	6.05	3010	3.0	
269	39	5.21	2900	3.2	
286	37	4.90	2860	3.3	
332	32	4.22	2750	3.5	
372	28	3.77	2670	3.7	
1.5kW					
0.58	21900	2427	86400	0.80	
0.65	19700	2185	95000	0.90	
0.73	17500	1944	101700	1.05	FA 157/RF97WSS1.5KW-4
0.84	15300	1674	107400	1.20	FAF 157/RF97WSS1.5KW-4
1.1	11944	1308	114400	1.50	F 157/RF97WSS1.5KW-4
1.2	10600	1169	116400	1.70	FF 157/RF97WSS1.5KW-4
1.5	8540	953	119100	2.1	
1.7	7530	854	120000	2.4	
3.2	3980	446	120000	4.5	
4.7	2690	302	120000	6.7	
0.88	14800	1606	85000	0.90	
1.0	12800	1390	89000	1.00	
1.2	11200	1220	90000	1.15	FA 127/RF77WSS1.5KW-4
1.3	9910	1077	90000	1.30	FAF 127/RF77WSS1.5KW-4
1.5	8520	930	90000	1.50	F 127/RF77WSS1.5KW-4
1.7	7500	820	90000	1.70	FF 127/RF77WSS1.5KW-4
1.9	6630	727	90000	1.90	
2.2	5960	648	90000	2.3	
1.5	8730	950	46900	0.90	
1.7	7640	834	49900	1.00	
1.9	6730	736	53200	1.15	FA 107/RF77WSS1.5KW-4
2.2	5890	640	54300	1.30	FAF 107/RF77WSS1.5KW-4
2.5	5110	560	56100	1.50	F 107/RF77WSS1.5KW-4
2.9	4460	489	57500	1.70	FF 107/RF77WSS1.5KW-4
3.2	4010	436	58400	1.90	
3.8	3400	370	59600	2.3	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
1.5kW					
2.7	4880	529	19800	0.90	FA 97/RF57WSS1.5KW-4
3.0	4310	467	29900	1.00	FAF 97/RF57WSS1.5KW-4
3.5	3730	406	31500	1.15	F 97/RF57WSS1.5KW-4
3.9	3340	363	32500	1.30	FF 97/RF57WSS1.5KW-4
4.1	3180	345	11100	0.95	FA 87/RF57WSS1.5KW-4
4.7	2760	300	23900	1.10	FAF 87/RF57WSS1.5KW-4
5.7	2290	249	25500	1.30	F 87/RF57WSS1.5KW-4
					FF 87/RF57WSS1.5KW-4
2.8	5210	254.40	55900	1.50	FA 107 WSS1.5KW-8
3.2	4410	215.37	57600	1.75	FAF 107 WSS1.5KW-8
3.5	4080	199.31	58300	1.90	F 107 WSS1.5KW-8
3.9	3660	178.64	59100	2.1	FF 107 WSS1.5KW-8
3.6	3960	254.40	58500	1.95	FA 107 WSS1.5KW-6
4.3	3350	215.37	59700	2.3	FAF 107 WSS1.5KW-6
4.6	3100	199.31	60200	2.5	F 107 WSS1.5KW-6
5.2	2780	178.64	60800	2.8	FF 107 WSS1.5KW-6
3.3	4310	276.77	29900	1.00	
3.6	3950	253.41	30900	1.10	FA 97 WSS1.5KW-6
4.1	3490	223.88	32100	1.25	FAF 97 WSS1.5KW-6
4.8	2960	189.92	33400	1.45	F 97 WSS1.5KW-6
5.3	2720	174.87	33900	1.60	FF 97 WSS1.5KW-6
5.1	2810	276.77	33700	1.55	
5.6	2570	253.41	34300	1.65	FA 97 WSS1.5KW-4
6.3	2270	223.88	34900	1.90	FAF 97 WSS1.5KW-4
7.4	1930	189.92	35500	2.2	F 97 WSS1.5KW-4
8.1	1780	174.87	35800	2.4	FF 97 WSS1.5KW-4
5.2	2750	270.68	23900	1.10	FA 87 WSS1.5KW-4
5.5	2590	255.37	24500	1.15	FAF 87 WSS1.5KW-4
6.2	2330	228.93	24600	1.30	F 87 WSS1.5KW-4
7.2	2000	197.20		1.50	FF 87 WSS1.5KW-4
7.8	1830	179.97	26900	1.65	
8.8	1820	159.61	27500	1.85	FA 87 WSS1.5KW-4
11	1360	134.16	28200	2.2	FAF 87 WSS1.5KW-4
13	1110	109.49	28700	2.7	F 87 WSS1.5KW-4
14	990	97.89	29000	3.0	FF 87 WSS1.5KW-4
8.5	1690	166.47	14300	0.90	FA 77 WSS1.5KW-4
9.9	1450	142.27	16100	1.05	FAF 77 WSS1.5KW-4
11	1320	130.42	16800	1.15	F 77 WSS1.5KW-4
12	1160	114.45	17600	1.30	FF 77 WSS1.5KW-4
13	1100	108.46	17900	1.35	
15	960	94.93	18400	1.55	
16	870	85.52	18800	1.75	
19	760	75.02	19100	1.95	
19	735	72.50	19200	2.0	FA 77 WSS1.5KW-4
21	675	66.46	19300	2.2	FAF 77 WSS1.5KW-4
24	595	58.32	19500	2.5	F 77 WSS1.5KW-4
26	560	55.27	19600	2.7	FF 77 WSS1.5KW-4
29	490	48.37	19700	3.0	
32	445	43.58	19800	3.4	
37	390	38.23	19900	3.9	
					FA 77 WSS1.5KW-4
39	370	36.58	19900	3.0	FAF 77 WSS1.5KW-4
45	320	31.51	20000	4.3	F 77 WSS1.5KW-4
					FF 77 WSS1.5KW-4
16	920	90.59	9300	0.90	
18	810	79.76	10400	1.00	
21	685	67.65	11400	1.20	FA 67 WSS1.5KW-4
23	620	61.07	11800	1.30	FAF 67 WSS1.5KW-4
26	545	53.73	12200	1.50	F 67 WSS1.5KW-4
28	515	50.74	12300	1.60	FF 67 WSS1.5KW-4
33	440	43.20	12700	1.85	
36	400	39.26	12900	1.95	
39	370	36.30	12900	2.2	FA 67 WSS1.5KW-4
44	325	32.08	13000	2.5	FAF 67 WSS1.5KW-4
51	280	27.41	13000	2.9	F 67 WSS1.5KW-4
56	255	25.13	13000	3.2	FF 67 WSS1.5KW-4
24	600	58.97	9210	1.00	
28	510	50.10	9860	1.20	FA 57 WSS1.5KW-4
32	455	44.73	9990	1.30	FAF 57 WSS1.5KW-4
37	390	38.21	9740	1.55	F 57 WSS1.5KW-4
39	365	35.79	9620	1.65	FF 57 WSS1.5KW-4
47	305	30.15	9310	1.95	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
1.5kW					
33	435	42.86	575	0.90	FA 47 WSS1.5KW-4
39	370	36.61	6300	1.10	FAF 47 WSS1.5KW-4
41	350	34.29	6580	1.15	F 47 WSS1.5KW-4
49	295	28.88	6500	1.35	FF 47 WSS1.5KW-4
46	315	30.86	6550	1.30	
48	300	29.32	6510	1.35	
55	260	25.72	6390	1.55	FA 47 WSS1.5KW-4
65	220	21.82	6230	1.80	FAF 47 WSS1.5KW-4
72	200	19.70	6110	2.0	F 47 WSS1.5KW-4
81	176	17.33	5970	2.3	FF 47 WSS1.5KW-4
86	166	16.36	5900	2.4	
101	142	13.93	5700	2.8	
69	210	20.57	3410	0.95	
73	196	19.27	3410	1.00	
83	173	17.03	3400	1.15	
98	146	14.33	3350	1.35	
110	131	12.87	3310	1.55	
127	113	11.08	3250	1.70	
135	106	10.42	3220	1.75	FA 37 WSS1.5KW-4
157	91	8.97	3140	1.90	FAF 37 WSS1.5KW-4
176	81	8.01	3080	2.1	F 37 WSS1.5KW-4
209	69	6.74	2920	2.0	FF 37 WSS1.5KW-4
233	62	6.05	2850	2.2	
271	53	5.21	2770	2.4	
288	50	4.90	2730	2.4	
334	43	4.22	2640	2.6	
374	38	3.77	2570	2.7	
2.2kW					
0.98	18900	1441	97500	0.95	FA 157RF97 WSS2.2KW-4 FAF157RF97 WSS2.2KW-4 F 157RF97 WSS2.2KW-4 FF 157RF97 WSS2.2KW-4
1.1	17600	1308	101400	1.00	
1.2	15700	1169	106500	1.15	
1.5	12700	953	112800	1.40	
1.7	11200	845	115400	1.60	
1.9	10100	764	117100	1.80	FA 157RF97 WSS2.2KW-4
2.1	9020	680	118600	2.0	FAF157RF97 WSS2.2KW-4
2.5	7610	576	120000	2.4	F 157RF97 WSS2.2KW-4
3.2	5940	446	120000	3.0	FF 157RF97 WSS2.2KW-4
4.7	4020	302	120000	4.5	
5.2	3630	273	120000	5.0	
6.1	3060	232	120000	5.9	
7.2	2590	197	120000	6.9	
1.3	14600	1077	85300	0.80	
1.5	12600	930	89300	0.95	FA 127/RF77 WSS2.2KW-4
1.7	11100	820	90000	1.10	FAF 127/RF77 WSS2.2KW-4
1.9	9830	727	90000	1.20	F 127/RF77 WSS2.2KW-4
2.2	8810	648	90000	1.35	FF 127/RF77 WSS2.2KW-4
2.6	7460	549	90000	1.60	
2.8	6720	495	90000	1.80	
3.3	5810	428	90000	2.1	
2.2	8700	640	47000	0.90	
2.5	7580	560	50100	1.00	FA 107/RF77 WSS2.2KW-4
2.9	6610	489	52500	1.15	FAF 107/RF77 WSS2.2KW-4
3.2	5930	436	54200	1.30	F 107/RF77 WSS2.2KW-4
3.8	5030	370	56300	1.55	FF 107/RF77 WSS2.2KW-4
4.2	4520	333	57300	1.70	
3.9	4940	363	16500	0.85	FA 97/RF57WSS2.2KW-4
4.9	3890	285	31100	1.10	FAF 97/RF57WSS2.2KW-4
5.8	3340	245	32500	1.30	F 97/RF57WSS2.2KW-4
					FF 97/RF57WSS2.2KW-4
2.8	7640	254.40	49900	1.00	FA 107 WSS2.2KW-8
3.2	6460	215.37	52900	1.20	FAF 107 WSS2.2KW-8
3.5	5980	199.31	54100	1.30	F 107 WSS2.2KW-8
3.9	5360	178.64	55500	1.45	FF 107 WSS2.2KW-8
3.7	5690	254.40	54800	1.35	FA 107 WSS2.2KW-6
4.4	4810	215.37	56700	1.60	FAF 107 WSS2.2KW-6
4.7	4450	199.31	57500	1.70	F 107 WSS2.2KW-6
5.3	3990	178.64	58400	1.90	FF 107 WSS2.2KW-6

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
2.2kW					
5.5	3790	254.40	58900	2.0	FA 107 WSS2.2KW-4
6.6	3210	215.37	60000	2.4	FAF 107 WSS2.2KW-4
7.1	2970	199.31	60400	2.6	F 107 WSS2.2KW-4
7.9	2660	178.64	61000	2.9	FF 107 WSS2.2KW-4
4.2	5000	223.88	12400	0.85	FA 97 WSS2.2KW-6
4.9	4240	189.92	30100	1.00	FAF 97 WSS2.2KW-6
5.4	3910	174.87	31000	1.10	F 97 WSS2.2KW-6
6.0	3490	156.30	32100	1.25	FF 97 WSS2.2KW-6
5.1	4120	276.77	30400	1.05	
5.6	3780	253.41	31400	1.15	
6.3	3340	233.88	32500	1.30	FA 97 WSS2.2KW-4
7.4	2830	189.92	33700	1.50	FAF 97 WSS2.2KW-4
8.1	2610	174.87	34200	1.65	F 97 WSS2.2KW-4
9.0	2330	156.30	34800	1.85	FF 97 WSS2.2KW-4
10	2100	140.71	35200	2.0	
11	1900	127.42	35600	2.3	
7.2	2940	197.20	22000	1.00	FA 87 WSS2.2KW-4
7.8	2680	179.97	24200	1.10	FAF 87 WSS2.2KW-4
8.8	2380	159.61	25200	1.25	F 87 WSS2.2KW-4
11	2000	134.16	26400	1.50	FF 87 WSS2.2KW-4
11	1840	123.29	26900	1.65	
13	1630	109.49	27500	1.85	
14	1460	97.89	27900	2.1	FA 87 WSS2.2KW-4
16	1310	88.01	28300	2.3	FAF 87 WSS2.2KW-4
18	1140	76.39	27800	2.6	F 87 WSS2.2KW-4
21	1020	68.40	27100	2.9	FF 87 WSS2.2KW-4
25	850	56.75	25900	3.5	
28	750	50.36	25200	3.9	
31	675	45.28	24500	4.2	
12	1710	114.45	14200	0.90	FA 77 WSS2.2KW-4
13	1620	108.46	14900	0.95	FAF 77 WSS2.2KW-4
15	1410	94.93	16300	1.05	F 77 WSS2.2KW-4
16	1270	85.52	17100	1.20	FF 77 WSS2.2KW-4
19	1120	75.02	17800	1.35	
21	990	66.46	18300	1.50	FA 77 WSS2.2KW-4
24	870	58.32	18800	1.75	FAF 77 WSS2.2KW-4
26	820	55.27	18900	1.80	F 77 WSS2.2KW-4
29	720	48.37	19200	2.1	FF 77 WSS2.2KW-4
32	650	43.58	19400	2.3	
39	545	36.58	19600	2.0	FA 77 WSS2.2KW-4
45	470	31.51	19700	2.9	FAF 77 WSS2.2KW-4
49	430	28.75	19800	3.3	F 77 WSS2.2KW-4
55	380	25.50	19900	4.0	FF 77 WSS2.2KW-4
23	910	61.07	9420	0.90	
26	800	53.73	10500	1.00	FA 67 WSS2.2KW-4
28	755	50.74	10800	1.10	FAF 67 WSS2.2KW-4
33	645	43.20	11600	1.25	F 67 WSS2.2KW-4
36	585	39.26	12000	1.35	FF 67 WSS2.2KW-4
41	505	34.01	14000	1.45	
44	480	32.08	12500	1.70	
51	410	27.41	12800	2.0	FA 67 WSS2.2KW-4
56	375	25.13	12900	2.2	FAF 67 WSS2.2KW-4
64	330	22.05	13000	2.5	F 67 WSS2.2KW-4
67	310	20.90	13000	2.6	FF 67 WSS2.2KW-4
77	275	18.29	13000	3.0	
32	665	44.73	4480	0.90	FA 57 WSS2.2KW-4
37	570	38.21	8660	1.05	FAF 57 WSS2.2KW-4
39	535	35.79	8620	1.15	F 57 WSS2.2KW-4
47	450	30.15	8460	1.30	FF 57 WSS2.2KW-4
56	370	24.96	8240	1.55	
67	315	21.17	8020	1.90	FA 57 WSS2.2KW-4
74	285	19.11	7870	2.1	FAF 57 WSS2.2KW-4
84	250	16.81	7670	2.4	F 57 WSS2.2KW-4
89	235	15.88	7580	2.5	FF 57 WSS2.2KW-4
55	385	25.72	5560	1.05	
65	325	21.82	5520	1.25	
72	295	19.70	5480	1.35	
81	260	17.33	5410	1.55	FA 47 WSS2.2KW-4
86	245	16.36	5370	1.65	FAF 47 WSS2.2KW-4
101	210	13.93	5250	1.95	F 47 WSS2.2KW-4
111	189	12.66	5170	2.1	FF 47 WSS2.2KW-4
129	163	10.97	5040	2.5	
157	133	8.96	4740	2.5	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B			机型号 Model
2.2kW							
98	215	14.33	2790	0.95			
110	192	12.87	2810	1.05			
127	165	11.08	2820	1.15			
135	155	10.42	2810	1.20			
157	134	8.97	2790	1.30	FA	37	WSS2.2KW-4
176	119	8.01	2770	1.40	FAF	37	WSS2.2KW-4
209	100	6.74	2630	1.40	F	37	WSS2.2KW-4
233	90	6.05	2590	1.50	FF	37	WSS2.2KW-4
271	78	5.21	2540	1.60			
288	73	4.90	2520	1.65			
334	63	4.22	2460	1.75			
374	56	3.77	2400	1.85			
3.0kW							
1.2	21700	1169	87200	0.85	FA	157/RF97	WSS3.0KW-4
1.5	17600	953	101300	1.00	FAF	157/RF97	WSS3.0KW-4
1.7	15600	845	106700	1.15	F	157/RF97	WSS3.0KW-4
1.8	14100	764	110100	1.30	FF	157/RF97	WSS3.0KW-4
2.1	12500	680	113200	1.45			
2.4	10600	576	116400	1.70			
3.1	8250	446	119500	2.2			
4.6	5580	302	120000	3.2			
5.1	5040	273	120000	3.6			
6.1	4250	232	120000	4.2			
7.1	3610	197	120000	5.0			
1.9	13600	727	87400	0.90	FA	127/RF77	WSS3.0KW-4
2.2	12200	648	90000	1.00	FAF	127/RF77	WSS3.0KW-4
2.5	10300	549	90000	1.15	F	127/RF77	WSS3.0KW-4
2.8	9270	495	90000	1.30	FF	127/RF77	WSS3.0KW-4
3.2	8170	436	48500	0.95	FA	107/RF77	WSS3.0KW-4
3.8	6930	370	51800	1.10	FAF	107/RF77	WSS3.0KW-4
4.2	6240	333	53500	1.25	F	107/RF77	WSS3.0KW-4
4.8	5460	291	55300	1.40	FF	107/RF77	WSS3.0KW-4
3.7	7750	245.40	49600	1.00	FA	107	WSS3.0KW-6
4.4	6560	215.37	52700	1.15	FAF	107	WSS3.0KW-6
4.7	6070	199.31	53900	1.25	F	107	WSS3.0KW-6
5.3	5440	178.64	55300	1.40	FF	107	WSS3.0KW-6
5.5	5210	254.40	55900	1.50			
6.5	4410	215.37	57600	1.75	FA	107	WSS3.0KW-4
7.0	4080	199.31	58300	1.90	FAF	107	WSS3.0KW-4
7.8	3660	178.64	59100	2.1	F	107	WSS3.0KW-4
8.7	3300	161.28	59800	2.3	FF	107	WSS3.0KW-4
6.2	4580	223.88	29000	0.95	FA	97	WSS3.0KW-4
7.4	3890	189.92	31100	1.10	FAF	97	WSS3.0KW-4
8.0	3580	174.87	31900	1.20	F	97	WSS3.0KW-4
					FF	97	WSS3.0KW-4
9.0	3200	156.30	32800	1.35			
9.9	2880	140.71	33600	1.50	FA	97	WSS3.0KW-4
11	2610	127.42	34200	1.65	FAF	97	WSS3.0KW-4
12	2310	112.99	24800	1.85	F	97	WSS3.0KW-4
14	2090	102.16	35200	2.1	FF	97	WSS3.0KW-4
16	1840	89.85	35700	2.3			
10	2750	134.16	23900	1.10	FA	87	WSS3.0KW-4
11	2520	123.29	24700	1.20	FAF	87	WSS3.0KW-4
13	2240	109.49	25700	1.35	F	87	WSS3.0KW-4
					FF	87	WSS3.0KW-4
14	2000	97.89	26400	1.50			
16	1800	88.01	26900	1.65	FA	87	WSS3.0KW-4
18	1560	76.39	26300	1.90	FAF	87	WSS3.0KW-4
20	1400	68.40	25700	2.1	F	87	WSS3.0KW-4
25	1160	56.75	24800	2.6	FF	87	WSS3.0KW-4
28	1030	50.36	24100	2.8			
16	1750	85.52	13800	0.85	FA	77	WSS3.0KW-4
19	1540	75.02	15500	1.00	FAF	77	WSS3.0KW-4
21	1360	66.46	16600	1.10	F	77	WSS3.0KW-4
24	1190	58.32	17500	1.25	FF	77	WSS3.0KW-4
25	1130	55.27	17800	1.35	FA	77	WSS3.0KW-4
29	990	48.37	18300	1.50	FAF	77	WSS3.0KW-4
32	890	43.58	18700	1.70	F	77	WSS3.0KW-4
37	780	38.23	19000	1.90	FF	77	WSS3.0KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B			机型号 Model
3.0kW							
38	750	36.58	19100	1.50	FA	77	WSS3.0KW-4
44	645	31.51	19400	2.1	FAF	77	WSS3.0KW-4
49	590	28.75	19500	2.4	F	77	WSS3.0KW-4
55	520	25.50	19700	2.9	FF	77	WSS2.2KW-4
65	440	21.43	19800	3.4			
32	880	43.20	9690	0.95	FA	67	WSS3.0KW-4
36	800	39.26	10500	0.95	FAF	67	WSS3.0KW-4
41	695	34.01	11300	1.05	F	67	WSS3.0KW-4
					FF	67	WSS3.0KW-4
44	655	32.08	11600	1.25			
51	560	27.41	12100	1.45			
56	515	25.13	12300	1.60	FA	67	WSS3.0KW-4
63	450	22.05	12600	1.80	FAF	67	WSS3.0KW-4
67	430	20.90	12700	1.90	F	67	WSS3.0KW-4
77	375	18.29	12900	2.2	FF	67	WSS3.0KW-4
85	335	16.48	13000	2.4			
97	295	14.46	13000	2.8			
56	510	24.96	7440	1.15			
66	435	21.17	7340	1.40			
73	390	19.11	7260	1.55	FA	57	WSS3.0KW-4
83	345	16.81	7140	1.75	FAF	57	WSS3.0KW-4
88	325	15.88	7080	1.85	F	57	WSS3.0KW-4
104	275	13.52	6890	2.2	FF	57	WSS3.0KW-4
114	250	12.29	6780	2.4			
132	220	10.64	6590	2.8			
71	405	19.70	4750	1.00			
81	355	17.33	4760	1.15			
86	335	16.36	4760	1.20	FA	47	WSS3.0KW-4
100	285	13.93	4740	1.40	FAF	47	WSS3.0KW-4
111	260	12.66	4700	1.55	F	47	WSS3.0KW-4
128	225	10.97	4640	1.80	FF	47	WSS3.0KW-4
156	183	8.96	4370	1.80			
126	225	11.08	2320	0.85			
134	215	10.42	2350	0.85			
156	184	8.97	2390	0.95			
175	164	8.01	2410	1.05	FA	37	WSS3.0KW-4
208	138	6.74	2290	1.00	FAF	37	WSS3.0KW-4
231	124	6.05	2300	1.10	F	37	WSS3.0KW-4
269	107	5.21	2290	1.15	FF	37	WSS3.0KW-4
286	100	4.90	2280	1.20			
332	86	4.22	2250	1.25			
372	77	3.77	2220	1.35			
4.0kW							
1.7	20600	845	91500	0.85			
1.9	18600	764	98300	0.95			
2.1	16600	680	104200	1.10			
2.5	14000	576	110300	1.30	FA	157/RF97	WSS4.0KW-4
3.2	10900	446	115900	1.65	FAF	157/RF97	WSS4.0KW-4
4.7	7390	302	120000	2.4	F	157/RF97	WSS4.0KW-4
5.2	6670	273	120000	2.7	FF	157/RF97	WSS4.0KW-4
6.1	5640	232	120000	3.2			
7.2	4780	197	120000	3.8			
2.6	13600	549	87400	0.90	FA	127/RF77	WSS4.0KW-4
2.9	12200	495	90000	1.00	FAF	127/RF77	WSS4.0KW-4
3.3	10600	428	90000	1.15	F	127/RF77	WSS4.0KW-4
3.8	9270	376	90000	1.30	FF	127/RF77	WSS4.0KW-4
4.3	8230	333	48300	0.95	FA	107/RF77	WSS4.0KW-4
4.9	7190	291	51100	1.05	FAF	107/RF77	WSS4.0KW-4
5.6	6310	255	53300	1.20	F	107/RF77	WSS4.0KW-4
					FF	107/RF77	WSS4.0KW-4
4.2	9060	170.83	90000	1.30	FA	127	WSS4.0KW-8
4.7	8150	153.67	90000	1.45	FAF	127	WSS4.0KW-8
5.7	6650	125.37	90000	1.80	F	127	WSS4.0KW-8
					FF	127	WSS4.0KW-8

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B			机型号 Model
4.0kW							
5.6	6840	254.40	52000	1.10			
6.6	5790	215.37	54500	1.35			
7.1	5360	199.31	55500	1.45			
7.9	4810	178.64	56700	1.60	FA	107	WSS4.0KW-4
8.8	4340	161.28	57700	1.75	FAF	107	WSS4.0KW-4
9.7	3940	146.49	58500	1.95	F	107	WSS4.0KW-4
11	3500	129.97	59400	2.2	FF	107	WSS4.0KW-4
12	3170	117.94	60100	2.4			
14	2730	101.38	60900	2.8			
8.1	4700	174.87	26600	0.90	FA	97	WSS4.0KW-4
9.1	4200	156.30	30200	1.00	FAF	97	WSS4.0KW-4
10	3780	140.71	31400	1.15	F	97	WSS4.0KW-4
11	3430	127.42	32300	1.25	FF	97	WSS4.0KW-4
13	3040	112.99	33200	1.40			
14	2750	102.16	33900	1.55			
15	2620	97.58	34100	1.65	FA	97	WSS4.0KW-4
16	2420	89.85	34600	1.80	FAF	97	WSS4.0KW-4
18	2160	80.31	35100	2.0	F	97	WSS4.0KW-4
20	1940	72.29	35500	2.2	FF	97	WSS4.0KW-4
22	1760	65.47	35800	2.4			
13	2950	109.49	21700	1.00	FA	87	WSS4.0KW-4
15	2630	97.89	24300	1.15	FAF	87	WSS4.0KW-4
16	2370	88.01	24600	1.25	F	87	WSS4.0KW-4
					FF	87	WSS4.0KW-4
19	2050	76.39	24200	1.45			
21	1840	68.40	23900	1.65	FA	87	WSS4.0KW-4
25	1530	56.75	23200	1.95	FAF	87	WSS4.0KW-4
28	1350	50.36	22800	2.2	F	87	WSS4.0KW-4
31	1220	45.28	22300	2.3	FF	87	WSS4.0KW-4
21	1790	66.46	13400	0.85	FA	77	WSS4.0KW-4
24	1570	58.32	15200	0.95	FAF	77	WSS4.0KW-4
26	1490	55.27	15800	1.00	F	77	WSS4.0KW-4
29	1300	48.37	16900	1.15	FF	77	WSS4.0KW-4
33	1170	43.58	17600	1.30			
37	1030	38.23	18200	1.45	FA	77	WSS4.0KW-4
42	910	33.74	18600	1.65	FAF	77	WSS4.0KW-4
47	800	29.91	19000	1.85	F	77	WSS4.0KW-4
56	685	25.54	19300	2.1	FF	77	WSS4.0KW-4
45	850	31.51	18800	1.65			
49	775	28.75	19100	1.85	FA	77	WSS4.0KW-4
56	685	25.50	19300	2.2.	FAF	77	WSS4.0KW-4
66	575	21.43	19500	2.6	F	77	WSS4.0KW-4
72	530	19.70	19600	2.8	FF	77	WSS4.0KW-4
52	735	27.41	11000	1.10			
57	675	25.13	11400	1.20			
64	595	22.05	11900	1.40			
68	560	20.90	12100	1.45			
78	490	18.29	12400	1.65			
86	445	16.48	12900	1.85			
98	390	14.46	13000	2.1			
111	345	12.76	13000	2.4			
126	305	11.31	13000	2.7	FA	67	WSS4.0KW-4
147	260	9.66	13000	3.2	FAF	67	WSS4.0KW-4
156	245	9.08	13000	2.2	F	67	WSS4.0KW-4
165	230	8.60	12800	2.5	FF	67	WSS4.0KW-4
189	205	7.53	12400	3.0			
209	183	6.78	12100	3.4			
239	160	5.95	11700	3.8			
270	141	5.25	11400	4.2			
305	125	4.66	11000	4.5			
357	107	3.97	10600	4.7			

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B			机型号 Model
4.0kW							
67	570	21.17	6490	1.05			
74	515	19.11	6490	1.15			
84	450	16.81	6450	1.35			
89	425	15.88	6430	1.40			
105	365	13.52	6340	1.65	FA	57	WSS4.0KW-4
116	330	12.29	6270	1.80	FAF	57	WSS4.0KW-4
133	285	10.64	6150	2.1	F	57	WSS4.0KW-4
153	250	9.31	5850	1.70	FF	57	WSS4.0KW-4
173	220	8.19	5730	1.90			
184	210	7.73	5680	2.0			
216	177	6.58	5510	2.4			
237	161	5.98	5410	4.6			
274	139	5.18	5250	3.0			
5.5kW							
2.5	19300	576	96300	0.95			
2.8	16800	503	103600	1.05			
3.2	15000	446	108200	1.20			
4.1	11800	353	114500	1.55	FA	157R97	WSS5.5KW-4
4.7	10100	302	117100	1.80	FAF	157R97	WSS5.5KW-4
5.2	9160	273	118400	1.95	F	157R97	WSS5.5KW-4
6.2	7750	232	120000	2.3	FF	157R97	WSS5.5KW-4
7.1	6750	202	120000	2.7			
7.3	6570	197	120000	2.7			
3.4	14000	418	86500	0.85			
3.8	12600	374	89400	0.95	FA	127R87	WSS5.5KW-4
4.6	10500	312	90000	1.15	FAF	127R87	WSS5.5KW-4
4.9	9840	293	90000	1.20	F	127R87	WSS5.5KW-4
5.5	8680	259	90000	1.40	FF	127R87	WSS5.5KW-4
6.4	7500	223	90000	1.60			
3.3	14500	428	86500	0.85	FA	127R77	WSS5.5KW-4
3.8	12700	376	89100	0.95	FAF	127R77	WSS5.5KW-4
					F	127R77	WSS5.5KW-4
					FF	127R77	WSS5.5KW-4
2.7	19800	267.43	94600	0.90			
3.3	16100	217.62	105500	1.10			
4.0	13200	178.20	111900	1.35			
4.4	12100	162.96	114000	1.50			
5.0	10500	141.80	116600	1.70	FA	157	WSS5.5KW-8
5.7	9260	125.14	118300	1.95	FAF	157	WSS5.5KW-8
6.5	8030	108.49	119700	2.2	F	157	WSS5.5KW-8
7.4	7140	96.53	120000	2.5	FF	157	WSS5.5KW-8
8.3	6350	85.80	120000	2.8			
9.1	5800	78.46	120000	3.1			
10	5050	68.28	120000	3.6			
4.2	12600	170.83	89200	0.95	FA	127R77	WSS5.5KW-8
4.6	11400	153.67	90000	1.05	FAF	127R77	WSS5.5KW-8
5.7	9270	125.37	90000	1.30	F	127R77	WSS5.5KW-8
6.2	8460	114.34	90000	1.40	FF	127R77	WSS5.5KW-8
6.6	7910	215.37	49200	0.95	FA	107	WSS5.5KW-4
7.2	7320	199.31	50800	1.05	FAF	107	WSS5.5KW-4
8.0	6560	178.64	52700	1.15	F	107	WSS5.5KW-4
8.9	5920	161.28	54200	1.30	FF	107	WSS5.5KW-4
9.8	5380	146.49	55500	1.45			
11	4770	129.97	56800	1.60	FA	107	WSS5.5KW-4
12	4330	117.94	57700	1.75	FAF	107	WSS5.5KW-4
14	3720	101.38	59000	2.1	F	107	WSS5.5KW-4
15	3400	92.47	59600	2.3	FF	107	WSS5.5KW-4
16	3250	88.49	59900	2.4			
17	3080	83.99	60200	2.5			
11	4680	127.42	27400	0.90	FA	97	WSS5.5KW-4
13	4150	112.99	30300	1.05	FAF	97	WSS5.5KW-4
14	3750	102.16	31400	1.15	F	97	WSS5.5KW-4
					FF	97	WSS5.5KW-4

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
5.5kW					
15	3580	97.58	31900	1.20	
16	3300	89.85	32600	1.30	
17	3180	86.59	32900	1.35	
18	2950	80.31	33400	1.45	FA 97 WSS5.5KW-4
19	2780	75.63	33800	1.55	FAF 97 WSS5.5KW-4
20	2660	72.29	34100	1.60	F 97 WSS5.5KW-4
22	2400	65.47	34600	1.80	FF 97 WSS5.5KW-4
25	2130	58.06	34500	2.0	
27	1930	52.49	33900	2.2	
16	3230	88.01	5760	0.95	FA 87 WSS5.5KW-4
19	2810	76.39	21200	1.05	FAF 87 WSS5.5KW-4
21	2510	68.40	21200	1.20	F 87 WSS5.5KW-4
25	2080	56.75	21000	1.45	FF 87 WSS5.5KW-4
28	1850	50.36	20800	1.60	
32	1660	45.28	20500	1.70	FA 87 WSS5.5KW-4
36	1440	39.30	20100	1.90	FAF 87 WSS5.5KW-4
41	1290	35.19	19800	2.0	F 87 WSS5.5KW-4
49	1070	29.20	19100	2.3	FF 87 WSS5.5KW-4
42	1250	33.92	19700	2.1	
50	1060	28.78	19100	2.3	FA 87 WSS5.5KW-4
54	970	26.50	18800	3.1	FAF 87 WSS5.5KW-4
60	870	23.68	18400	3.5	F 87 WSS5.5KW-4
30	1780	48.37	13500	0.85	FF 87 WSS5.5KW-4
33	1600	43.58	15000	0.95	
37	1400	38.23	16300	1.05	FA 77 WSS5.5KW-4
42	1240	33.74	17300	1.20	FAF 77 WSS5.5KW-4
48	1100	29.91	17900	1.35	F 77 WSS5.5KW-4
56	940	25.54	18500	1.55	FF 77 WSS5.5KW-4
56	940	25.5	18500	1.60	
67	785	21.43	19000	1.90	
73	725	19.70	19200	2.1	FA 77 WSS5.5KW-4
82	645	17.49	19400	2.3	FAF 77 WSS5.5KW-4
91	575	15.64	19600	2.6	F 77 WSS5.5KW-4
102	515	14.06	19300	2.9	FF 77 WSS5.5KW-4
117	450	12.20	18600	3.3	
65	810	22.05	10400	1.00	
68	770	20.90	10800	1.05	
78	670	18.29	11500	1.20	
87	605	16.48	11900	1.35	
99	530	14.46	12300	1.55	
112	470	12.76	12500	1.75	
126	415	11.31	12800	1.95	FA 67 WSS5.5KW-4
148	355	9.66	12900	2.3	FAF 67 WSS5.5KW-4
158	335	9.08	12400	1.60	F 67 WSS5.5KW-4
166	315	8.60	12300	1.80	FF 67 WSS5.5KW-4
190	275	7.53	12000	2.2	
211	250	6.78	11700	2.5	
240	220	5.95	11400	2.8	
272	193	5.25	11100	3.1	
307	171	4.66	10700	3.3	
360	146	3.97	10300	3.4	
85	620	16.81	5450	0.95	
90	585	15.88	5470	1.05	
106	495	13.52	5530	1.20	
116	450	12.29	5530	1.35	FA 57 WSS5.5KW-4
134	390	10.64	5510	1.55	FAF 57 WSS5.5KW-4
175	300	8.19	5190	1.40	F 57 WSS5.5KW-4
185	285	7.73	5160	1.50	FF 57 WSS5.5KW-4
217	240	6.58	5070	1.75	
239	220	5.98	5010	1.90	
276	190	5.18	4900	2.2	
7.5kW					
4.6	14300	312	85900	0.85	FA 127 WSS7.5KW-4
4.9	13500	293	87600	0.90	FAF127 WSS7.5KW-4
5.5	11900	259	90000	1.00	F 127 WSS7.5KW-4
6.4	10300	223	90000	1.15	FF 127 WSS7.5KW-4
7.2	9080	198	90000	1.30	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
3.3	21600	217.62	87600	0.85	
4.0	17700	178.20	101100	1.00	
4.4	16200	162.96	105200	1.10	
5.1	14100	141.80	110100	1.30	
5.8	12400	125.14	113300	1.45	
6.6	10800	108.49	116100	1.65	FA 157WSS7.5KW-8
7.5	9600	96.53	117800	1.85	FAF 157WSS7.5KW-8
8.4	8530	85.80	119200	2.1	F 157WSS7.5KW-8
9.2	7810	78.46	120000	2.3	FF 157WSS7.5KW-8
11	6790	68.28	120000	2.7	
12	5990	60.25	120000	3.0	
14	5200	52.24	120000	3.5	
15	4620	46.48	120000	3.9	
18	3980	40.06	120000	4.5	
3.6	20000	267.43	9400	0.90	
4.4	16200	217.62	105100	1.10	
5.4	13300	178.20	111700	1.35	
5.9	12200	162.96	113800	1.50	
6.8	10600	141.80	116400	1.70	
7.7	9340	125.14	118200	1.95	FA 157WSS7.5KW-6
8.9	8090	108.49	119700	2.2	FAF 157WSS7.5KW-6
9.9	7200	96.53	120000	2.5	F 157WSS7.5KW-6
11	6400	85.80	120000	2.8	FF 157WSS7.5KW-6
12	5850	78.46	120000	3.1	
14	5090	68.28	120000	3.5	
16	4500	60.25	120000	4.0	
18	3900	52.24	119300	4.6	
5.7	12500	125.37	89500	0.95	FA 127WSS7.5KW-8
6.3	11400	114.43	90000	1.05	FAF 127WSS7.5KW-8
7.3	9840	98.95	90000	1.20	F 127WSS7.5KW-8
8.2	8690	87.31	90000	1.40	FF 127WSS7.5KW-8
5.6	12700	170.83	89000	0.95	FA 127WSS7.5KW-6
6.2	11500	153.67	90000	1.05	FAF 127WSS7.5KW-6
7.7	9350	125.37	90000	1.30	F 127WSS7.5KW-6
8.4	8530	114.34	90000	1.40	FF 127WSS7.5KW-6
8.4	8560	170.83	90000	1.40	FA 127WSS7.5KW-4
9.3	7700	153.67	90000	1.55	FAF 127WSS7.5KW-4
11	6280	125.37	90000	1.90	F 127WSS7.5KW-4
8.0	8950	178.64	46300	0.85	FF 127WSS7.5KW-4
8.9	8080	161.28	48700	0.95	FA 107WSS7.5KW-4
9.8	7340	146.49	50700	1.05	FAF 107WSS7.5KW-4
11	6510	129.97	52800	1.20	F 107WSS7.5KW-4
12	5910	117.94	54200	1.30	FF 107WSS7.5KW-4
14	5080	101.38	56100	1.50	
15	4630	92.47	57100	1.65	FA 107WSS7.5KW-4
16	4430	88.49	57500	1.75	FAF 107WSS7.5KW-4
17	4210	83.99	58000	1.85	F 107WSS7.5KW-4
19	3730	74.52	59000	2.1	FF 107WSS7.5KW-4
21	3390	67.62	59600	2.3	
15	4890	97.58	19300	0.90	
16	4500	89.58	29300	0.95	FA 97 WSS7.5KW-4
17	4340	86.59	29800	1.00	FAF 97 WSS7.5KW-4
18	4020	80.31	30700	1.05	F 97 WSS7.5KW-4
19	3790	75.63	31300	1.15	FF 97 WSS7.5KW-4
20	3620	72.29	31800	1.20	
22	3280	65.47	32200	1.30	
25	2910	58.06	31800	1.50	FA 97 WSS7.5KW-4
27	2630	52.49	31400	1.65	FAF 97 WSS7.5KW-4
32	2230	44.49	30600	1.95	F 97 WSS7.5KW-4
37	1950	38.86	29900	2.2	FF 97 WSS7.5KW-4
44	1630	32.50	28900	2.6	
33	2170	43.28	30500	1.40	FA 97 WSS7.5KW-4
39	1840	36.64	29600	1.65	FAF 97 WSS7.5KW-4
42	1700	33.91	29200	2.5	F 97 WSS7.5KW-4
47	1520	30.39	28500	2.8	FF 97 WSS7.5KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
25	2840	56.75	18100	1.05	
28	2520	50.36	18200	1.15	FA 87 WSS7.5KW-4
32	2270	45.28	18200	1.25	FAF 87 WSS7.5KW-4
36	1970	39.30	18100	1.40	F 87 WSS7.5KW-4
41	1760	35.19	18000	1.50	FF 87 WSS7.5KW-4
49	1460	29.20	17600	1.70	
50	1440	28.78	17600	1.70	
54	1330	26.50	17400	2.3	FA 87 WSS7.5KW-4
60	1190	23.68	17100	2.5	FAF 87 WSS7.5KW-4
67	1070	21.32	16800	2.8	F 87 WSS7.5KW-4
74	970	19.31	16500	3.1	FF 87 WSS7.5KW-4
84	860	17.12	16200	3.5	
92	775	15.48	15900	3.9	
42	1690	33.74	14300	0.90	FA 77 WSS7.5KW-4
48	1500	29.91	15700	1.00	FAF 77 WSS7.5KW-4
56	1280	25.54	17000	1.15	F 77 WSS7.5KW-4
56	1280	25.50	17100	1.15	FF 77 WSS7.5KW-4
67	1070	21.43	18000	1.40	
73	990	19.70	18400	1.50	
82	880	17.49	18800	1.70	
91	785	15.64	19000	1.90	
102	705	14.06	18600	2.1	FA 77 WSS7.5KW-4
117	610	12.20	18000	2.5	FAF 77 WSS7.5KW-4
131	545	10.93	17600	2.7	F 77 WSS7.5KW-4
154	465	9.30	16500	2.3	FF 77 WSS7.5KW-4
173	415	8.26	16100	2.6	
194	370	7.39	15700	2.9	
215	335	6.64	15300	3.2	
248	290	5.76	14800	3.7	
277	260	5.16	14500	4.2	
334	215	4.28	13800	4.7	
9.2kW					
4.1	19700	353	94800	0.90	
4.8	16900	302	103300	1.05	FA 157R97 D132ML4
5.3	15300	273	107400	1.20	FAF157R97 D132ML4
6.2	13000	232	112400	1.40	F 157R97 D132ML4
7.1	11300	202	115300	1.60	FF 157R97 D132ML4
7.3	11000	197	115800	1.65	
5.6	14500	259	85600	0.85	FA 127R87 D132ML4
6.4	12500	223	89400	0.95	FAF127R87 D132ML4
7.3	11100	198	90000	1.10	F 127R87 D132ML4
8.4	10400	170.83	90000	1.15	FF 127R87 D132ML4
9.4	9380	153.67	90000	1.30	FA 127 D132ML4
11	7650	125.37	90000	1.55	FAF127 D132ML4
13	6980	114.34	90000	1.70	F 127 D132ML4
15	6040	98.95	90000	2.0	FF 127 D132ML4
9.8	8940	146.49	46300	0.85	FA 107 D132ML4
11	7930	129.97	49100	0.95	FAF107 D132ML4
12	7200	117.94	51100	1.05	F 107 D132ML4
14	6180	101.38	53600	1.25	FF 107 D132ML4
16	5640	92.47	54900	1.35	
17	5120	83.99	56000	1.50	FA 107 D132ML4
19	4550	74.52	57300	1.70	FAF107 D132ML4
21	4130	67.62	58200	1.85	F 107 D132ML4
25	3550	58.12	58300	2.2	FF 107 D132ML4
28	3100	50.73	56800	2.5	
18	4900	80.31	18700	0.90	
19	4610	75.63	28900	0.95	FA 97 D132ML4
20	4410	72.29	29600	0.95	FAF97 D132ML4
22	3990	65.47	29600	1.10	F 97 D132ML4
25	3540	58.06	29500	1.20	FF 97 D132ML4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
9.2kW					
27	3200	52.49	29300	1.35	FA 97 D132ML4
32	2710	44.49	28800	1.60	FAF97 D132ML4
37	2370	38.86	28400	1.80	F 97 D132ML4
44	1980	32.50	27600	2.2	FF 97 D132ML4
42	2070	33.91	27800	2.1	FA 97 D132ML4
47	1850	30.39	27300	2.3	FAF97 D132ML4
52	1670	27.44	26800	2.6	F 97 D132ML4
58	1520	24.92	26300	2.8	FF 97 D132ML4
29	3070	50.36	16000	0.95	
32	2760	45.28	16200	1.00	FA 87 D132ML4
37	2400	39.30	16400	1.15	FAF87 D132ML4
41	2150	35.19	16400	1.20	F 87 D132ML4
49	1780	29.20	16300	1.40	FF 87 D132ML4
54	1620	26.50	16200	1.85	
61	1440	23.68	16100	2.1	FA 87 D132ML4
68	1300	21.32	15900	2.3	FAF87 D132ML4
75	1180	19.31	15700	2.5	F 87 D132ML4
84	1040	17.12	15400	2.9	FF 87 D132ML4
93	940	15.48	15200	3.2	
110	800	13.12	14700	3.8	
73	1200	19.70	17400	1.25	
82	1070	17.49	18000	1.40	
92	950	15.64	18300	1.55	
102	860	14.06	18000	1.75	
118	745	12.20	17500	2.0	
132	665	10.93	17100	2.2	FA 77 D132ML4
155	570	9.30	16000	1.90	FAF77 D132ML4
174	505	8.26	15600	2.1	F 77 D132ML4
195	450	7.39	15300	2.4	FF 77 D132ML4
217	405	6.64	15000	2.7	
250	350	5.76	14500	3.1	
279	315	5.16	14200	3.4	
336	260	4.28	13600	3.9	
11.0kW					
4.8	20300	302	92800	0.90	
5.3	18300	273	99300	1.00	FA 157R97 WSS11KW-4
6.2	15500	232	106900	1.15	FAF157R97 WSS11KW-4
7.1	13500	202	111200	1.35	F 157R97 WSS11KW-4
7.3	13200	197	112000	1.35	FF 157R97 WSS11KW-4
6.4	15000	223	84500	0.80	FA 127R87 WSS11KW-4
7.3	13300	198	88000	0.90	FAF127R87 WSS11KW-4
8.7	11100	166	90000	1.00	F 127R87 WSS11KW-4
5.1	20700	141.80	91300	0.85	FF 127R87 WSS11KW-4
5.8	18300	125.14	99500	1.00	FA 157 WSS11KW-8
6.6	15800	108.49	106100	1.15	FAF157 WSS11KW-8
7.5	14100	96.53	110100	1.30	F 157 WSS11KW-8
5.4	19500	178.20	95500	0.90	FF 157 WSS11KW-8
5.9	17800	162.96	100800	1.00	
6.8	15500	141.80	106900	1.15	
7.7	13700	125.14	110900	1.30	FA 157 WSS11KW-6
8.9	11900	108.49	114300	1.50	FAF157 WSS11KW-6
9.9	10600	96.53	116400	1.70	F 157 WSS11KW-6
11	9390	85.80	118100	1.90	FF 157 WSS11KW-6
12	8590	78.46	119100	2.1	
5.4	19500	267.43	95500	0.90	
6.6	15900	217.62	106000	1.15	
8.1	13000	178.20	112300	1.40	
8.8	11900	162.96	114300	1.50	FA 157 WSS11KW-4
10	10300	141.80	116800	1.75	FAF157 WSS11KW-4
12	9130	125.14	118400	1.95	F 157 WSS11KW-4
13	7910	108.49	119900	2.3	FF 157 WSS11KW-4
15	7040	96.53	120000	2.6	
17	6260	85.80	118100	2.9	
18	5720	78.46	115700	3.1	
21	4980	68.28	112000	3.6	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
11.0kW					
7.7	13700	125.37	87100	0.85	FA 127 WSS11KW-6
8.4	12500	114.34	89500	0.95	FAF 127 WSS11KW-6
9.7	10800	98.95	90000	1.10	F 127 WSS11KW-6
11	9550	87.31	90000	1.25	
13	8250	75.41	90000	1.45	
8.4	12500	170.83	89500	0.95	
9.4	11200	153.67	90000	1.05	
11	9150	125.37	90000	1.30	FA 127 WSS11KW-4
13	8340	114.34	90000	1.45	FAF 127 WSS11KW-4
15	7220	98.95	90000	1.65	F 127 WSS11KW-4
16	6370	87.31	90000	1.90	
19	5500	75.41	88600	2.2	
12	8600	117.94	47300	0.90	FA 107 WSS11KW-4
14	7400	101.38	50600	1.05	FAF 107 WSS11KW-4
16	6750	92.47	52200	1.15	F 107 WSS11KW-4
					FF 107 WSS11KW-4
17	6130	83.99	53700	1.25	
19	5440	74.52	55300	1.40	FA 107 WSS11KW-4
21	4930	67.62	56500	1.55	FAF 107 WSS11KW-4
25	4240	58.12	56400	1.80	F 107 WSS11KW-4
28	3700	50.73	55100	2.1	FF 107 WSS11KW-4
33	3140	43.03	53500	2.5	
43	2470	33.79	51000	3.0	FA 107 WSS11KW-4
52	2010	27.57	48800	3.9	FAF 107 WSS11KW-4
57	1830	25.14	47800	4.3	F 107 WSS11KW-4
					FF 107 WSS11KW-4
22	4780	65.47	24000	0.90	FA 97 WSS11KW-4
25	4240	58.06	27100	1.00	FAF 97 WSS11KW-4
27	3830	52.49	27100	1.10	F 97 WSS11KW-4
					FF 97 WSS11KW-4
32	3250	44.49	27000	1.30	FA 97 WSS11KW-4
37	2830	38.86	27600	1.50	FAF 97 WSS11KW-4
44	2370	32.50	26200	1.80	F 97 WSS11KW-4
					FF 97 WSS11KW-4
42	2470	33.91	26400	1.75	
47	2220	30.39	26000	1.95	FA 97 WSS11KW-4
52	2000	27.44	25600	2.2	FAF 97 WSS11KW-4
58	1820	24.92	25200	2.4	F 97 WSS11KW-4
65	1610	22.11	24700	2.7	FF 97 WSS11KW-4
37	2870	39.30	14600	0.95	FA 87 WSS11KW-4
41	2570	35.19	14800	1.00	FAF 87 WSS11KW-4
49	2130	29.20	15000	1.20	F 87 WSS11KW-4
					FF 87 WSS11KW-4
54	1930	26.50	15000	1.55	
61	1730	23.68	15000	1.75	FA 87 WSS11KW-4
68	1560	21.32	14900	1.95	FAF 87 WSS11KW-4
75	1410	19.31	14800	2.1	F 87 WSS11KW-4
84	1250	17.12	14600	2.4	FF 87 WSS11KW-4
93	1130	15.48	14400	2.7	
110	960	13.12	14100	3.1	
73	1440	19.70	16100	1.05	
82	1280	17.49	17100	1.20	
92	1140	15.64	17600	1.30	
102	1030	14.06	17400	1.45	
118	890	12.20	1700	1.70	FA 77 WSS11KW-4
132	795	10.93	16700	1.90	FAF 77 WSS11KW-4
155	680	9.30	15500	1.60	F 77 WSS11KW-4
174	605	8.26	15200	1.80	FF 77 WSS11KW-4
195	540	7.39	14900	2.0	
217	485	6.64	14600	2.2	
250	420	5.76	14200	2.6	
279	375	5.16	13900	2.9	
336	310	4.28	13300	3.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
15.0kW					
6.3	20900	232	90400	0.85	FA 157R97 WSS15KW-4
7.2	18300	202	99500	1.00	FAF 157R97 WSS15KW-4
7.4	17700	197	101000	1.00	F 157R97 WSS15KW-4
					FF 157R97 WSS15KW-4
6.8	20900	141.80	90400	0.85	
7.8	18500	125.41	98800	0.95	FA 157 WSS15KW-6
8.9	16000	108.49	105700	1.10	FAF 157 WSS15KW-6
10	14300	96.53	109800	1.25	F 157 WSS15KW-6
11	12700	85.80	112900	1.40	FF 157 WSS15KW-6
6.7	21400	217.62	88800	0.85	
8.2	17500	178.20	101800	1.05	
9.0	16000	162.96	105700	1.15	
10	13900	141.80	110500	1.30	
12	12300	125.14	113600	1.45	
13	10600	108.49	116300	1.70	FA 157 WSS15KW-4
15	9470	96.53	115800	1.90	FAF 157 WSS15KW-4
17	8420	85.80	113200	2.1	F 157 WSS15KW-4
19	7700	78.46	111200	2.3	FF 157 WSS15KW-4
21	6700	68.28	108000	2.7	
24	5910	60.25	105100	3.0	
9.8	14600	98.95	85300	0.80	
11	12900	87.31	88700	0.95	FA 127 WSS15KW-6
13	11100	75.41	88300	1.10	FAF 127 WSS15KW-6
14	10300	70.07	87600	1.15	F 127 WSS15KW-6
15	9440	63.91	86700	1.25	FF 127 WSS15KW-6
12	12300	125.37	89000	1.00	
13	11200	114.34	88300	1.05	FA 127 WSS15KW-4
15	9710	98.95	87000	1.25	FAF 127 WSS15KW-4
17	8570	87.31	85600	1.40	F 127 WSS15KW-4
19	7400	75.41	83800	1.60	FF 127 WSS15KW-4
21	6870	70.07	82800	1.75	
16	9070	92.47	45900	0.85	
17	8680	88.49	47100	0.90	FA 107 WSS15KW-4
17	8240	83.99	48300	0.95	FAF 107 WSS15KW-4
20	7310	74.52	50800	1.05	F 107 WSS15KW-4
22	6630	67.62	52500	1.15	FF 107 WSS15KW-4
25	5700	58.12	52200	1.35	
29	4980	50.73	51500	1.55	FA 107 WSS15KW-4
34	4220	43.03	50400	1.80	FAF 107 WSS15KW-4
39	3690	37.61	49300	2.1	F 107 WSS15KW-4
46	3120	31.80	48000	2.5	FF 107 WSS15KW-4
43	3320	33.79	48500	2.2	FA 107 WSS15KW-4
53	2700	27.57	46700	2.9	FAF 107 WSS15KW-4
58	2470	25.14	45900	3.2	F 107 WSS15KW-4
67	2130	21.76	44500	3.7	FF 107 WSS15KW-4
33	4360	44.49	22900	1.00	FA 97 WSS15KW-4
38	3810	38.86	23100	1.15	FAF 97 WSS15KW-4
45	3190	32.50	23200	1.35	F 97 WSS15KW-4
					FF 97 WSS15KW-4
43	3330	33.91	23200	1.30	
48	2980	30.39	23200	1.45	
53	2690	27.44	23100	1.60	
59	2450	24.92	22900	1.75	FA 97 WSS15KW-4
66	2170	22.11	22600	2.0	FAF 97 WSS15KW-4
73	1970	20.07	22400	2.2	F 97 WSS15KW-4
85	1690	17.25	21900	2.5	FF 97 WSS15KW-4
97	1480	15.06	21400	2.9	
114	1250	12.77	20800	3.4	
131	1100	11.16	20200	3.7	
55	2600	26.50	12300	1.15	
62	2320	23.68	12600	1.30	
68	2090	21.32	12700	1.45	
76	1890	19.31	12800	1.60	
85	1680	17.12	12900	1.80	
94	1520	15.48	12800	2.0	FA 87 WSS15KW-4
111	1290	13.12	12700	2.3	FAF 87 WSS15KW-4
127	1120	11.46	12600	2.7	F 87 WSS15KW-4
152	940	9.58	12300	3.1	FF 87 WSS15KW-4
176	810	8.29	11700	1.90	
199	720	7.35	11500	2.1	
220	650	6.65	11300	2.3	
259	555	5.63	11000	2.8	
297	485	4.92	10700	3.2	
355	405	4.12	10300	3.6	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
18.5kW					
7.2	22500	202	76400	0.80	FA 157R97 WSS18. 5KW-4
7.5	21800	197	86800	0.80	FAF 157R97 WSS18. 5KW-4
					F 157R97 WSS18. 5KW-4
					FF 157R97 WSS18. 5KW-4
8.2	21500	178.20	88200	0.85	
9.0	19700	162.96	95000	0.90	
10	17100	141.80	102800	1.05	
12	15100	125.80	109700	1.20	FA 157 WSS18. 5KW-4
14	13100	108.49	112100	1.40	FAF 157 WSS18. 5KW-4
15	11600	96.53	111300	1.55	F 157 WSS18. 5KW-4
17	10300	85.80	109300	1.75	FF 157 WSS18. 5KW-4
19	9460	78.46	107600	1.90	
21	8230	68.28	104900	2.2	
24	7270	60.25	102300	2.5	
28	6300	52.24	99300	2.9	
13	13800	114.34	82200	0.85	
15	11900	98.95	81700	1.00	
17	10500	87.31	80900	1.15	FA 127 WSS18. 5KW-4
19	9090	75.41	79700	1.30	FAF 127 WSS18. 5KW-4
21	8450	70.07	79000	1.40	F 127 WSS18. 5KW-4
23	7710	63.91	79100	1.55	FF 127 WSS18. 5KW-4
26	6670	55.31	76400	1.80	
30	6120	48.80	74900	2.0	
20	8990	74.52	46200	0.85	FA 107 WSS18. 5KW-4
22	8150	67.62	48500	0.95	FAF 107 WSS18. 5KW-4
25	7010	58.12	48700	1.10	F 107 WSS18. 5KW-4
29	6120	50.73	48400	1.25	FF 107 WSS18. 5KW-4
34	5190	43.03	47700	1.50	FA 107 WSS18. 5KW-4
39	4540	37.61	47000	1.70	FAF 107 WSS18. 5KW-4
46	3830	31.80	46000	2.0	F 107 WSS18. 5KW-4
					FF 107 WSS18. 5KW-4
43	4070	33.79	46400	1.80	FA 107 WSS18. 5KW-4
53	3320	27.57	45000	2.4	FAF 107 WSS18. 5KW-4
58	3030	25.14	44300	2.6	F 107 WSS18. 5KW-4
67	2620	21.76	43200	3.0	FF 107 WSS18. 5KW-4
38	4690	38.86	20000	0.90	FA 97 WSS18. 5KW-4
45	3920	32.50	20600	1.10	FAF 97 WSS18. 5KW-4
					F 97 WSS18. 5KW-4
					FF 97 WSS18. 5KW-4
53	3310	27.44	20900	1.30	
59	3010	24.92	20900	1.45	
66	2670	22.11	20900	1.60	FA 97 WSS18. 5KW-4
73	2420	20.07	20800	1.80	FAF 97 WSS18. 5KW-4
85	2080	17.25	20500	2.1	F 97 WSS18. 5KW-4
97	1820	15.06	20200	2.4	FF 97 WSS18. 5KW-4
115	1540	12.77	19800	2.8	
131	1350	11.16	19300	3.0	
69	2570	21.32	10900	1.15	
76	2330	19.31	11100	1.30	
86	2060	17.12	11400	1.45	
95	1870	15.48	11500	1.60	
112	1580	13.12	11600	1.90	FA 87 WSS18. 5KW-4
128	1380	11.46	11600	2.2	FAF 87 WSS18. 5KW-4
153	1160	9.58	11500	2.5	F 87 WSS18. 5KW-4
177	1000	8.29	10900	1.55	FF 87 WSS18. 5KW-4
199	890	7.35	10800	1.75	
220	800	6.65	10700	1.90	
260	680	5.63	10400	2.2	
298	595	4.92	10200	2.6	
356	495	4.12	9900	2.9	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
22kW					
10	20900	96.53	90500	0.85	FA 157 WSS22KW-4
11	18600	85.80	98500	0.95	FAF 157 WSS22KW-4
12	17000	78.46	103100	1.05	F 157 WSS22KW-4
14	14800	68.28	107700	1.20	FF 157 WSS22KW-4
10	20300	141.80	92600	0.90	
12	17900	125.14	100400	1.00	
14	15600	108.49	106800	1.15	
15	13800	96.53	106900	1.30	
17	12300	85.80	105400	1.45	FA 157 WSS22KW-4
19	11300	78.46	104000	1.60	FAF 157 WSS22KW-4
21	97900	68.28	101700	1.85	F 157 WSS22KW-4
24	8640	60.25	99600	2.1	FF 157 WSS22KW-4
28	7490	52.24	97000	2.4	
32	6660	46.48	94800	2.7	
37	5740	40.06	91900	3.1	
45	4670	32.55	97800	3.9	
15	14200	98.95	76400	0.85	
17	12500	87.31	76300	0.95	
19	10800	75.41	75700	1.10	
21	10000	70.07	75300	1.20	FA 127 WSS22KW-4
23	9160	63.91	74700	1.30	FAF 127 WSS22KW-4
26	7930	55.31	73500	1.50	F 127 WSS22KW-4
30	7000	48.80	72300	1.70	FF 127 WSS22KW-4
35	6040	42.15	70700	2.0	
25	8330	58.12	45200	0.90	FA 107 D180L4
29	7280	50.73	45300	1.05	FAF 107 D180L4
34	6170	43.03	45100	1.25	F 107 D180L4
					FF 107 D180L4
39	5390	37.61	44800	1.40	FA 107 D180L4
46	4560	31.80	44100	1.70	FAF 107 D180L4
					F 107 D180L4
					FF 107 D180L4
43	4580	33.79	44300	1.55	
53	3950	27.57	43300	2.0	FA 107 D180L4
58	3610	25.14	42800	2.2	FAF 107 D180L4
67	3120	21.76	41900	2.5	F 107 D180L4
76	2750	19.20	41000	2.8	FF 107 D180L4
53	3940	27.44	18700	1.10	
59	3570	24.92	18900	1.20	
66	3170	22.11	19100	1.35	FA 97 D180L4
73	2880	20.07	19200	1.50	FAF 97 D180L4
85	2470	17.25	19100	1.75	F 97 D180L4
97	2160	15.06	19000	2.0	FF 97 D180L4
115	1830	12.77	18700	2.3	
131	1600	11.16	18400	2.6	
69	3.60	21.32	8990	1.00	
76	2770	19.31	9430	1.10	
86	2460	17.12	9850	1.20	
95	2220	15.48	10100	1.35	
112	1880	13.12	10400	1.60	
128	1640	11.46	10600	1.85	FA 87 D180L4
153	1370	9.58	10600	2.1	FAF 87 D180L4
177	1190	8.29	10100	1.30	F 87 D180L4
199	1050	7.35	10100	1.45	FF 87 D180L4
220	950	6.65	10000	1.60	
260	810	5.63	9900	1.90	
298	705	4.92	9750	2.2	
356	590	4.12	9500	2.5	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
30kW					
14	21100	108.49	89600	0.85	FA 157 WSS30KW-4 FAF 157 WSS30KW-4 F 157 WSS30KW-4 FF 157 WSS30KW-4
15	18800	96.53	96900	0.95	
17	16700	85.80	96400	1.10	
19	15300	78.46	95800	1.20	
22	13300	68.28	94600	1.35	
24	11700	60.25	93300	1.55	
28	10200	52.24	91500	1.75	
32	9060	46.48	89900	2.0	
37	7810	40.06	87700	2.3	
19	14700	75.41	66600	0.80	FA 127 WSS30KW-4 FAF 127 WSS30KW-4 F 127 WSS30KW-4 FF 127 WSS30KW-4
21	13700	70.07	66800	0.90	
23	12500	63.91	66900	0.95	
27	10800	55.31	66700	1.10	
30	9510	48.80	66300	1.25	
35	8210	42.15	65500	1.45	
39	7270	37.28	64700	1.65	
47	6110	31.33	63200	1.95	
58	4930	25.30	61200	2.4	
55	5240	26.86	61800	1.60	FA 127 WSS30KW-4 FAF 127 WSS30KW-4 F 127 WSS30KW-4 FF 127 WSS30KW-4
60	4790	24.57	60900	1.80	
69	4170	21.38	59400	2.9	
78	3680	18.87	58000	3.0	
34	8390	43.03	39200	0.90	FA 107 D200L4 FAF 107 D200L4 F 107 D200L4 FF 107 D200L4
39	7330	37.61	39600	1.05	
46	6200	31.80	39700	1.25	
53	5370	27.57	39500	1.45	FA 107 D200L4 FAF 107 D200L4 F 107 D200L4 FF 107 D200L4
58	4900	25.14	39300	1.60	
68	4240	21.76	38800	1.85	
77	3730	19.20	38300	2.1	
89	3230	16.85	37600	2.4	
100	2860	14.67	36900	2.7	
119	2400	12.33	35900	2.9	
148	1940	9.96	34500	3.3	
66	4310	22.11	15100	1.00	FA 97 D200L4 FAF 97 D200L4 F 97 D200L4 FF 97 D200L4
73	3910	20.07	15500	1.10	
85	3360	17.25	16000	1.30	
98	2930	15.06	16300	1.45	
115	2490	12.77	16400	1.75	
132	2180	11.16	16400	1.90	
162	1770	9.06	15400	1.35	
179	1600	8.22	15300	1.45	
208	1380	7.07	15100	1.70	
238	1200	6.17	14900	1.85	
281	1020	5.23	14600	2.1	
321	890	4.57	14300	2.3	
37kW					
17	20600	85.80	88600	0.85	FA 157 WSS37KW-4 FAF 157 WSS37KW-4 F 157 WSS37KW-4 FF 157 WSS37KW-4
19	18900	78.46	88700	0.95	
22	16400	68.28	88400	1.10	
24	14500	60.25	87800	1.25	
28	12600	52.24	86800	1.45	
32	11200	46.48	85700	1.60	
37	9630	40.06	84000	1.85	
45	7820	32.55	81400	2.3	
53	6630	27.60	79100	2.7	
27	13300	55.31	60900	0.90	FA 127 WSS37KW-4 FAF 127 WSS37KW-4 F 127 WSS37KW-4 FF 127 WSS37KW-4
30	11700	48.80	61100	1.00	
35	10100	42.15	61100	1.20	
39	8960	37.28	60700	1.35	
47	7530	31.33	59900	1.60	
58	6080	25.30	58500	1.90	

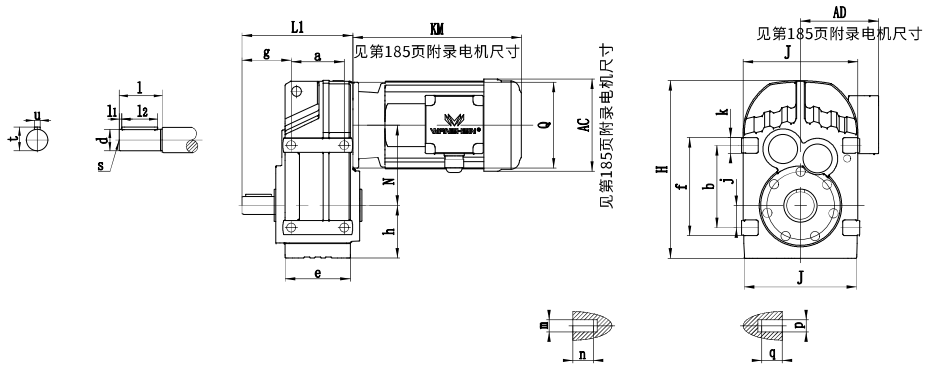
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
37kW					
55	6460	26.86	58900	1.30	FA 127 WSS37KW-4 FAF 127 WSS37KW-4 F 127 WSS37KW-4 FF 127 WSS37KW-4
60	5910	24.57	58300	1.45	
69	5140	21.38	57100	2.3	
78	4530	18.87	56000	2.4	
90	3930	16.36	54600	2.8	
101	3500	14.55	53400	3.1	
117	3010	12.54	51900	3.3	
144	2450	10.19	49600	3.9	
166	2130	8.86	47700	3.3	
186	1890	7.88	46500	3.2	
45kW					
22	20000	68.28	81300	0.90	FA 157 WSS45KW-4 FAF 157 WSS45KW-4 F 157 WSS45KW-4 FF 157 WSS45KW-4
24	17600	60.25	81600	1.00	
28	15300	52.24	81300	1.20	
32	13600	46.48	80900	1.30	
37	11700	40.06	79900	1.55	
45	9510	32.55	78000	1.90	
53	8070	27.60	76200	2.2	
30	14300	48.80	55200	0.85	FA 127 WSS45KW-4 FAF 127 WSS45KW-4 F 127 WSS45KW-4 FF 127 WSS45KW-4
35	12300	42.15	56000	0.95	
39	10900	37.28	56200	1.10	
47	9160	31.33	56100	1.30	
58	7400	25.30	55400	1.60	
55	7580	26.86	55700	1.10	FA 127 WSS45KW-4 FAF 127 WSS45KW-4 F 127 WSS45KW-4 FF 127 WSS45KW-4
60	7180	24.57	55300	1.20	
69	6250	21.38	54500	1.90	
78	5520	18.87	53700	2.0	
90	4780	16.36	52600	2.3	
101	4250	14.55	51600	2.6	
117	3670	12.54	50300	2.7	
144	2980	10.19	48400	3.2	
166	2590	8.86	46600	2.7	
186	2300	7.88	45500	2.6	
216	1990	6.80	44000	3.5	
266	1610	5.52	42000	3.7	
53	8060	27.57	32400	0.95	FA 107 WSS45KW-4 FAF 107 WSS45KW-4 F 107 WSS45KW-4 FF 107 WSS45KW-4
58	7350	25.14	32800	1.05	
68	6360	21.76	33200	1.25	
77	5610	19.20	33300	1.40	
89	4850	16.58	33300	1.60	
100	4290	14.67	33100	1.80	
119	3600	12.33	32700	1.95	
148	2910	9.96	31900	2.20	
152	2830	9.69	31000	1.75	
176	2450	8.37	30400	1.95	
199	2160	7.40	29900	2.10	
236	1820	6.22	29100	2.50	
55kW					
24	21500	60.25	73800	0.85	FA 157 WSS30KW-4 FAF 157 WSS30KW-4 F 157 WSS30KW-4 FF 157 WSS30KW-4
28	18600	52.24	74600	0.95	
32	16500	46.48	74800	1.10	
37	14300	40.06	74700	1.25	
45	11600	32.55	73800	1.55	
53	9830	27.60	72600	1.85	
52	10200	28.60	72900	1.65	FA 157 WSS55KW-4 FAF 157 WSS55KW-4 F 157 WSS55KW-4 FF 157 WSS55KW-4
58	9060	25.43	71600	1.65	
67	7890	22.16	70600	2.3	
75	7040	19.77	69400	2.4	
88	6000	16.85	67600	3.0	
40	13300	37.28	50600	0.90	FA 127 WSS55KW-4 FAF 127 WSS55KW-4 F 127 WSS55KW-4 FF 127 WSS55KW-4
47	11200	31.33	51400	1.10	
58	9010	25.30	51600	1.35	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
55kW					
69	7610	21.38	51300	1.60	FA 127 WSS55KW-4 FAF 127 WSS55KW-4 F 127 WSS55KW-4 FF 127 WSS55KW-4
78	6720	18.87	50800	1.65	
90	5820	16.36	50100	1.90	
101	5180	14.55	49400	2.1	
118	4470	12.54	48400	2.2	
145	3630	10.19	46800	2.6	
166	3160	8.86	45100	2.2	
187	2810	7.88	44200	2.1	
217	2420	6.80	42900	2.9	
267	1970	5.52	41100	3.0	
315	1670	4.68	39600	3.6	
75kW					
32	22500	46.48	62900	0.80	FA 157 WSS75KW-4 FAF 157 WSS75KW-4 F 157 WSS75KW-4 FF 157 WSS75KW-4
37	19400	40.06	64400	0.95	
45	15800	32.55	65400	1.15	
54	13400	27.60	65500	1.35	
52	13800	28.60	65500	1.25	FA 157 WSS75KW-4 FAF 157 WSS75KW-4 F 157 WSS75KW-4 FF 157 WSS75KW-4
58	12300	25.43	65400	1.20	
67	10700	22.16	64900	1.70	
75	9570	19.77	64300	1.80	
88	8150	16.85	63200	2.2	
106	6760	13.96	61600	2.5	
124	5770	11.92	60100	2.8	
58	12200	25.30	44000	1.00	FA 127 WSS75KW-4 FAF 127 WSS75KW-4 F 127 WSS75KW-4 FF 127 WSS75KW-4
69	10300	21.38	44800	1.15	FA 127 WSS75KW-4 FAF 127 WSS75KW-4 F 127 WSS75KW-4 FF 127 WSS75KW-4
78	9130	18.87	45100	1.20	
90	7920	16.36	45200	1.40	
102	7040	14.55	45000	1.55	
118	6070	12.54	44600	1.65	
145	4930	10.19	43700	1.95	
167	4290	8.86	42200	1.65	
188	3810	7.88	41600	1.55	
218	3290	6.80	40700	2.1	
268	2670	5.52	39300	2.2	
316	2270	4.68	38100	2.7	
90kW					
45	18900	32.55	59100	0.95	FA 157 WSS90KW-4 FAF 157 WSS90KW-4 F 157 WSS90KW-4 FF 157 WSS90KW-4
54	16000	27.60	60200	1.10	
52	16600	28.60	60000	1.00	FA 157 WSS90KW-4 FAF 157 WSS90KW-4 F 157 WSS90KW-4 FF 157 WSS90KW-4
58	14800	25.43	60400	1.00	
67	12900	22.16	60600	1.40	
75	11500	19.77	60500	1.50	
88	9790	16.85	59900	1.85	
106	8110	13.96	58900	2.1	
124	6920	11.92	57800	2.3	
58	14700	25.30	33100	0.80	FA 157 WSS90KW-4 FAF 157 WSS90KW-4 F 157 WSS90KW-4 FF 157 WSS90KW-4
69	12400	21.38	38800	0.95	FA 127 WSS90KW-4 FAF 127 WSS90KW-4 F 127 WSS90KW-4 FF 127 WSS90KW-4
78	11000	18.87	40900	1.00	
90	9500	16.36	41500	1.15	
102	8450	14.55	41700	1.30	
118	7280	12.54	41800	1.35	
145	5920	10.19	41400	1.60	
167	5150	8.86	40100	1.35	
188	4580	7.88	39700	1.30	
218	3950	6.80	39000	1.75	
268	3210	5.52	37900	1.85	
316	2720	4.68	36900	2.2	

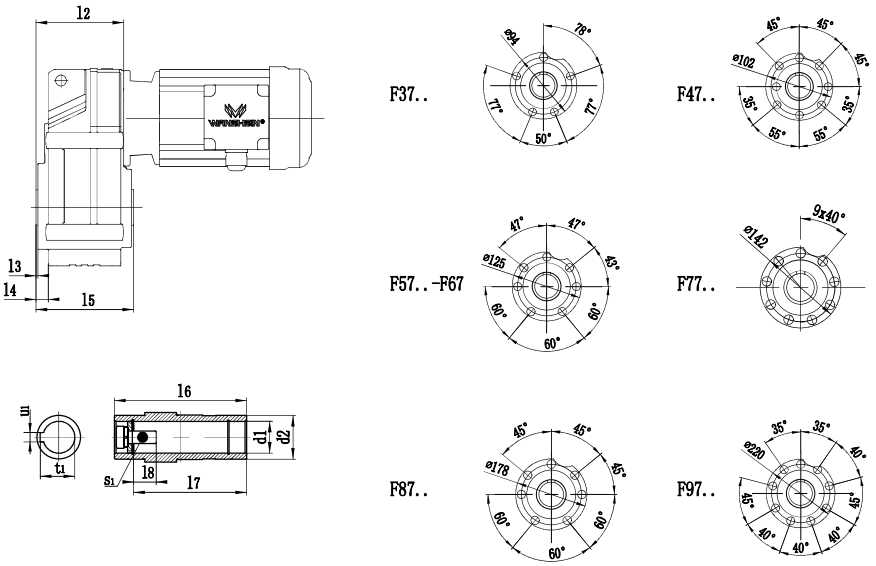
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
110kW					
54	19500	27.60	53100	0.90	FA 157 WSS110KW-4 FAF 157 WSS110KW-4 F 157 WSS110KW-4 FF 157 WSS110KW-4
67	15700	22.16	54900	1.15	FA 157 WSS110KW-4 FAF 157 WSS110KW-4 F 157 WSS110KW-4 FF 157 WSS110KW-4
75	14000	19.77	55400	1.20	
88	11900	16.85	55600	1.50	
106	9880	13.96	55300	1.70	
125	8430	11.92	54700	1.90	
132kW					
67	18800	22.16	48700	0.95	FA 157 WSS132KW-4 FAF 157 WSS132KW-4 F 157 WSS132KW-4 FF 157 WSS132KW-4
75	16800	19.77	49800	1.00	
88	14300	16.85	50900	1.25	
106	11900	13.96	51400	1.47	
125	10100	11.92	51400	1.60	
160kW					
88	17300	16.85	44800	1.05	FA 157 WSS160KW-4 FAF 157 WSS160KW-4 F 157 WSS160KW-4 FF 157 WSS160KW-4
106	14400	13.96	46400	1.20	
125	12300	11.92	47100	1.30	
200kW					
88	21700	16.85	36100	0.85	FA 157 WSS200KW-4 FAF 157 WSS200KW-4 F 157 WSS200KW-4 FF 157 WSS200KW-4
106	18000	13.96	39200	0.95	
125	15300	11.92	41000	1.05	

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

F37..~F157..



FA37B..~FA157B..

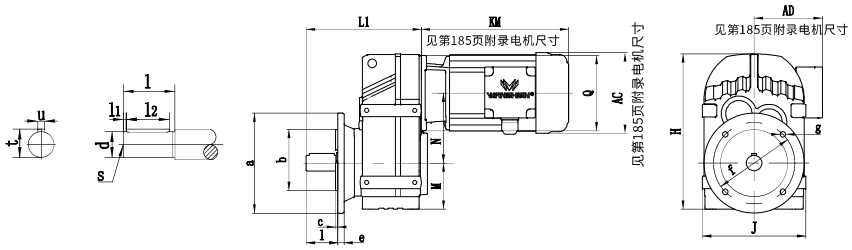


型号 Model	a b	e f	g	h	j	k	m n	p q	轴伸尺寸 Shaft dimension				
									d	l	l1 l2	s	t u
F37.. FA37B..	77 115	95 135	72.5	76	31	20	M8 11	M8 11	25k6	50	5 40	M10	28 8
F47.. FA47B..	93 145	109 165	91	77	43	20	M8 11	M10 15	30k6	60	3.5 50	M10	33 8
F57.. FA57B..	102 170	126 195	104.5	93	55	25	M12 17	M12 17	35k6	70	7 56	M12	38 10
F67.. FA67B..	112 190	131 215	118.5	97	60	25	M12 17	M12 17	40k6	80	5 70	M16	43 12
F77.. FA77B..	140 240	165 275	137.5	121	70	35	M12 17	M16 26	50k6	100	10 80	M16	53.5 14
F87.. FA87B..	165 310	195 350	163	152	100	40	M16 26	M16 26	60m6	120	5 110	M20	64 18
F97.. FA97B..	205 350	240 400	190.5	178	120	50	M16 26	M20 28	70m6	140	7.5 125	M20	74.5 20
F107.. FA107B..	220 400	260 460	241.5	200	125	60	/ /	M24 36	90m6	170	5 160	M24	95 25
F127.. FA127B..	270 450	316 520	291	236	142	70	/ /	M30 45	110m6	210	15 180	M24	116 28
F157.. FA157B..	310 540	364 620	325	286	170	80	/ /	M36 55	120m6	210	5 200	M24	127 32

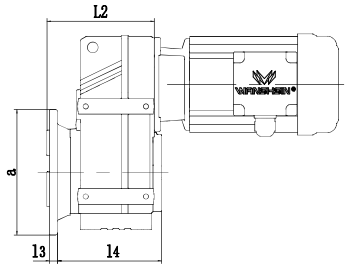
型号 Model	空心伸尺寸 Hollow Shaft dimension								H J	L1	L2	N	Q
	d1	d2	l3 l4	l5	l6 l7	l8	s1	l1 u1					
F37.. FA37B..	30H7	45	2.5 22.5	123	120 105	17	M10X25	33.3 8	252 165	160	110	112	120
F47.. FA47B..	35H7	50	3 31	153	150 132	22	M10X25	38.3 10	269 180	193	133	128.1	120
F57.. FA57B..	40H7	55	3 33.5	170	166 142	29	M16X40	43.3 12	317 200	221	150	136	160
F67.. FA67B..	40H7	55	3.5 37	184	180 156	29	M16X40	43.3 12	343 212	242	161	159.5	160
F77.. FA77B..	50H7	70	4 36.5	213	210 183	32	M16X45	53.8 14	426 270	294	193	200	200
F87.. FA87B..	60H7	85	4 43	243	240 210	36	M20X50	64.4 18	531 330	344	224	246.7	250
F97.. FA97B..	70H7	95	4 48.5	303	300 270	34	M20X50	74.9 20	623 400	416	274	285	300
F107.. FA107B..	90H7	118	2.5 69.5	353	350 313	40	M24X60	95.4 25	717 450	484	312	332.4	350
F127.. FA127B..	100H7	135	2.5 79.25	413	410 373	38	M24X60	106.4 28	856 530	585	373	382.6	450
F157.. FA157B..	120H7	155	7 118	503	500 460	36	M24X60	127.4 32	1021 660	662	455	447	550

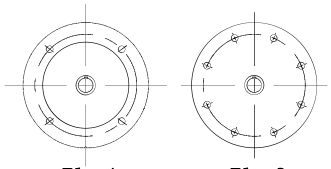
F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

FF37..~FF157..



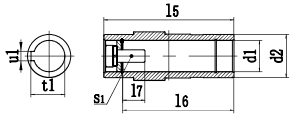
FAF37..~FAF157..





Flg. 1 Flg. 2

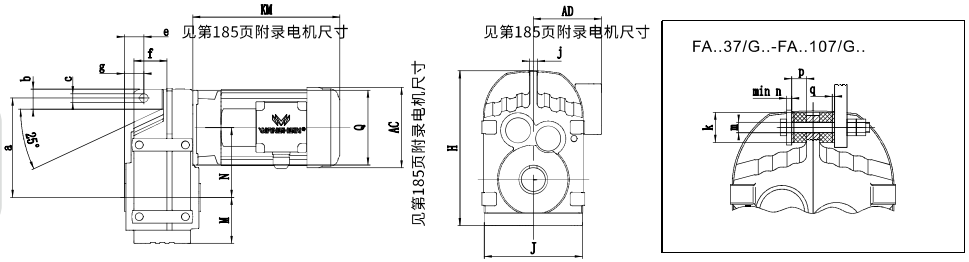
法兰型式
Flange form

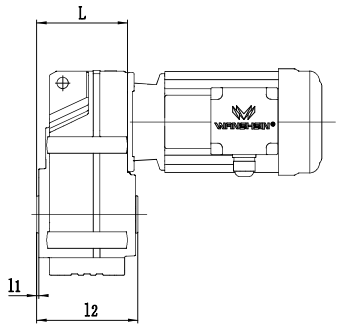


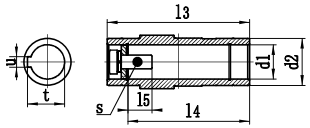
型号 Model	法兰型式 Flange form	a b	c e	f g	轴伸尺寸 Shaft dimension d l	l1 l2	s	t u	d1 d2	l3 l4	l5 l6	l7 l8	t1 u1	H J	L1 L2	M N Q
FF37.. FAF37..	Fig.1	160 110j6	3.5 10	130 9	25k6 50	5 40	M10	28 8	30H7 45	24 123	120 105	17 M10X25	33.3 8	252 165	184 138	76 112 120
FF47.. FAF47..	Fig.1	200 130j6	3.5 12	165 11	30k6 60	3.5 50	M10	33 8	35H7 50	25 153	150 132	22 M10X25	38. 3 10	269 180	218 162	77 128. 1 120
FF57.. FAF57..	Fig.1	250 180j6	4 15	215 13.5	35k6 70	7 56	M12	38 10	40H7 55	23.5 170	166 142	29 M16X40	43.3 12	317 200	243 177	93 136 160
FF67.. FAF67..	Fig.1	250 180j6	4 15	215 13.5	40k6 80	5 70	M16	43 12	40H7 55	23 184	180 156	29 M16X40	43.3 12	343 212	264 188	97 159.5 160
FF77.. FAF77..	Fig.1	300 230h6	4 16	265 13.5	50k6 100	10 80	M16	53.5 14	50H7 70	37 213	210 183	32 M16X45	53.8 14	426 270	330 234	121 200 200
FF87.. FAF87..	Fig.1	350 250h6	5 18	300 17.5	60m6 120	5 110	M20	64 18	60H7 85	30 243	240 210	36 M20X50	64.4 18	531 330	374 259	152 246.7 250
FF97.. FAF97..	Fig.2	450 350h6	5 22	400 17.5	70m6 140	7.5 125	M20	74.5 20	70H7 95	41.5 303	300 270	34 M20X50	74.9 20	623 400	456 321	178 285 300
FF107.. FAF107..	Fig.2	450 350h6	5 22	400 17.5	90m6 170	5 160	M24	95 25	90H7 118	41 353	350 313	40 M24X60	95.4 25	717 450	523 358	200 332.4 350
FF127.. FAF127..	Fig.2	550 450h6	5 25	500 17.5	110m6 210	15 180	M24	116 28	100H7 135	51 413	410 373	36 M24X60	106.4 28	856 530	634 426	236 382.6 450
FF157.. FAF157..	Fig.2	660 450h6	6 28	600 22	120m6 210	5 200	M24	127 32	120H7 155	60 503	500 460	36 M24X60	127.4 32	1021 660	725 521	286 447 550

F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

FA37..~FA157..



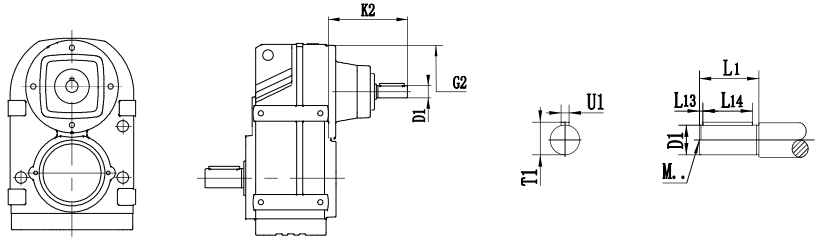




型号 Model	a b	c e	f g	空心轴尺寸 Hollow Shaft Dimension					扭矩臂尺寸 Torque arm form		H J j	L	M	N Q
				d1 d2	l1 l2	l3 l4	l5 s	t u	K M N	p q				
FA37.. FA..37/G..	158 30	14 31.5	46 15	30H7 45	0.5 123	120 105	17 M10X25	33.3 8	40 12.5 5	20 1	252 172 12	110	76	112 120
FA47.. FA..47/G..	170 22	14 32	64 12	35H7 50	1 153	150 132	22 M10X25	38.3 10	40 12.5 5	20 1.8	269 189 12	133	77	128.1 120
FA57.. FA..57/G..	198 31	14 40.5	60 19.5	40H7 55	1 170	166 142	29 M16X40	43.3 12	40 12.5 5	20 2.4	317 210 14	150	93	136 160
FA67.. FA..67/G..	218 40	14 41	65 21	40H7 55	1 184	180 156	29 M16X40	43.3 12	40 12.5 5	20 3	343 223 16	161	97	159.5 160
FA77.. FA..77/G..	278 49	22 50	69 28	50H7 70	1 213	210 183	32 M16X45	53.8 14	60 21 10	30 3.2	426 282 20	193	121	200 200
FA87.. FA..87/G..	346 57	22 62	79 32	60H7 85	1 243	240 210	36 M20X50	64.4 18	60 21 10	30 4.5	531 336 26	224	152	246.7 250
FA97.. FA..97/G..	395 88	26 70	104 34	70H7 95	1 303	300 270	34 M20X50	74.9 20	80 25 12	40 5	623 414 30	274	178	285 300
FA107.. FA..107/G..	485 108	26 88	100 57	90H7 118	2.5 353	350 313	40 M24X60	95.4 25	80 25 12	40 6	717 456 36	312	200	332.4 350
FA127.. FA..127/G..	550 138	33 110	125 66	100H7 135	2.5 413	410 373	38 M24X60	106.4 28	100 32 15	60 9	856 530 40	373	236	382.6 450
FAa157.. FAa..157/G..	660 170	33 150	140 98	120H7 155	7 503	500 460	36 M24X60	127.4 32	120 32 15	60 9	1021 660 45	455	286	447 550

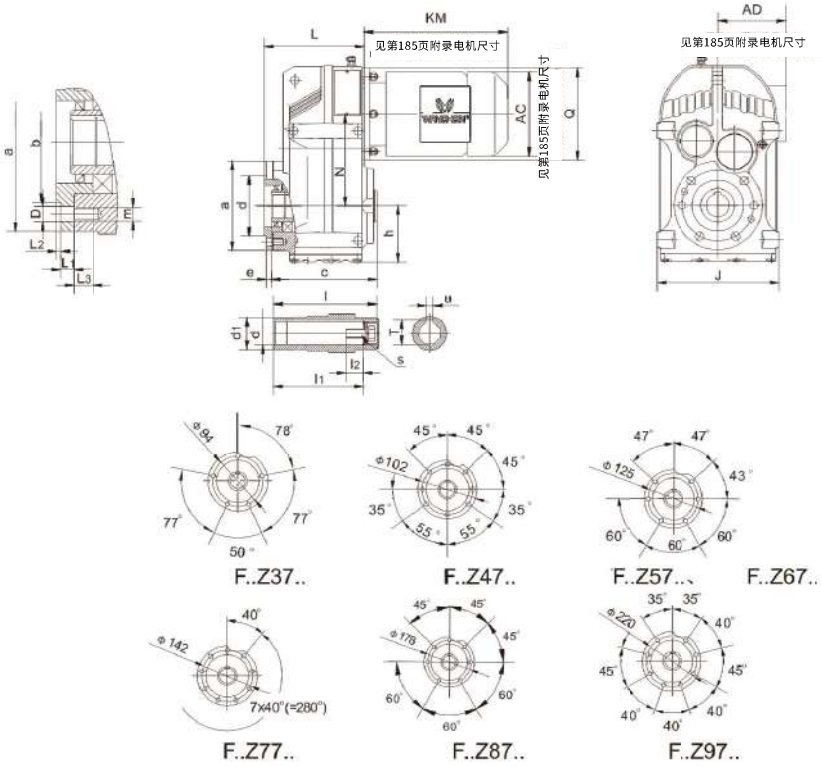
F系列平行轴-斜齿轮减速机/F Parallel shaft-Helical Geared Motor

F..AD..

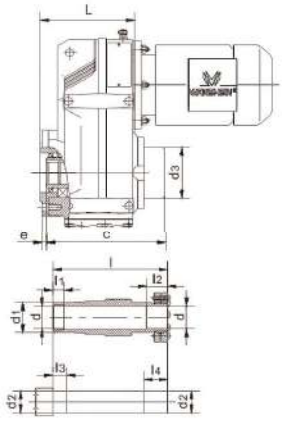


		G2	K2	D1	L1	L13	L14	T1	U1	M
F..37 F..47	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
F..57 F..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
F..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
F..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
F..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16
F..107	AD3	350	145	28	60	5	50	31	8	M10
	AD4		208	38	80	5	70	41	10	M12
	AD5		281	42	110	10	70	45	12	M16
	AD6		321	48	110	10	80	51.5	14	M16
F..127	AD4	450	193	38	80	5	70	41	10	M12
	AD5		266	42	110	10	70	45	12	M16
	AD6		306	48	110	10	80	51.5	14	M16
	AD7		300	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
F..157	AD5	550	258	42	110	10	70	45	12	M16
	AD6		298	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

FAZ37..~FAZ157..



FAZ37..~FAZ157..



F..AM..

Fig. 1

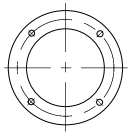
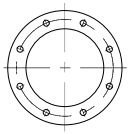


Fig. 2



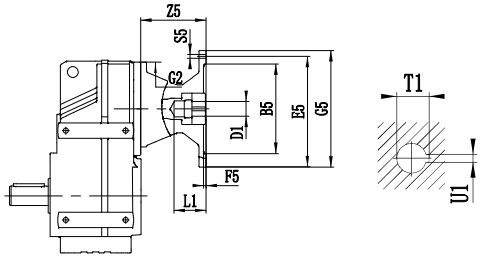


		Fig.	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
F..37 F..47	AM63	1	95	115	3.5	120	140	M8	72	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	106	19	40	21.8	6
	AM90									24	50	27.3	8
F..57 F..67	AM63	1	95	115	3.5	160	140	M8	66	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	99	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	134	28	60	31.3	8
	AM112												
F..77	AM63	1	95	115	3.5	200	140	M8	60	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	92	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	126	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		179	38	80	41.3	10
	AM132ML												
F..87	AM80	1	130	165	4.5	250	200	M10	87	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	121	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		174	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	232	42	110	45.3	12
	AM180									48		51.8	14
F..97	AM100	1	180	215	5	300	250	M12	116	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		169	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	227	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		268	55		59.3	16
	AM225 [1)]	2	350	400			450		283	60	140	64.4	18

F..AM..

Fig. 1

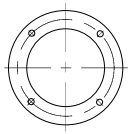
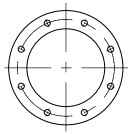


Fig. 2



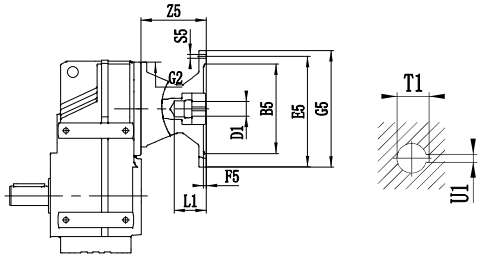
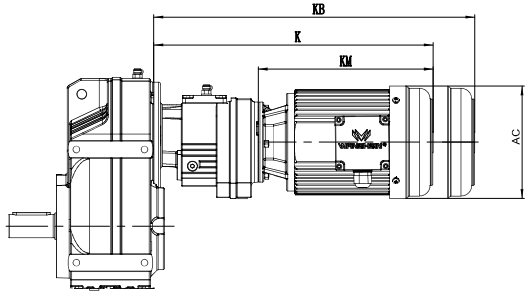


		Fig.	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
F..107	AM100	1	180	215	5	350	250	M12	110	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		163	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	221	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		262	55		59.3	16
	AM225	2	350	400			450		277	60	140	64.4	18
F..127	AM132S AM132M	1	230	265	5	450	300	M12	148	38	80	41.3	10
	AM132ML												
	AM160		250	300	6		350	M16	206	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		247	55		59.3	16
	AM225	2	350	400			450		262	60	140	64.4	18
	AM250		450	500			550		336	65		69.4	
	AM280									75		79.9	20
F..157	AM160	1	250	300	6	550	350	M16	198	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		239	55		59.3	16
	AM225	2	350	400			450		254	60	140	64.4	18
	AM250		450	500			550		328	65		69.4	
	AM280									75		79.9	20

F..R..



型号组合	功率(KW)	AC	K	KB	KM
F..57R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
F..67R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
	1.1-1.5	192	463	508.5	298
F..77R37	0.18	129	363.5	400	206.5
	0.25-0.37	129	364/367.5	399.5/413	207/219.5
	0.55-0.75	169	403.5/404	448.5/449	246.5/247
	1.1-1.5	192	455	500.5	298
F..87R57	0.18	129	422.5	459	206.5
	0.25-0.37	129	423/433.5	458.5/472	207/219.5
	0.55-0.75	169	462.5/463	507.5/508	246.5/247
	1.1-1.5	192	514	559.5	298
	2.2	219	538.5	600.5	322.5
	3	219	538.5	600.5	322.5
F..97R57	0.18	129	417.5	454	206.5
	0.25-0.37	129	418/430.5	453.5/467	207/219.5
	0.55-0.75	169	475.5/458	502.5/503	246.5/247
	1.1-1.5	192	509	554.5	298
	2.2	219	533.5	595.5	322.5
	3	219	533.5	595.5	322.5
	4	219	549.5	611.5	338.5
F..107R77	0.18	129	453.5	490	206.5
	0.25-0.37	129	454/466.5	489.5/503	207/219.5
	0.55-0.75	169	493.5/494	538.5/539	246.5/247
	1.1-1.5	192	545	590.5	298
	2.2	219	569.5	631.5	322.5
	3	219	569.5	631.5	322.5
	4	219	585.5	647.5	338.5
	5.5	257	656	724	409
	7.5	257	699	767	452
	9.2	257	699	767	452
	11-15	318	755	855	508

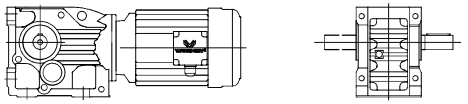
型号组合	功率(KW)	AC	K	KB	KM
F..127R77	0.18	129	438.5	475	206.5
	0.25-0.37	129	439/451.5	474.5/488	207/219.5
	0.55-0.75	169	478.5/479	523.5/524	246.5/247
	1.1-1.5	192	530	575.5	298
	2.2	219	554.5	616.5	322.5
	3	219	554.5	616.5	322.5
	4	219	570.5	632.5	338.5
	5.5	257	641	709	409
	7.5	257	684	752	452
	9.2	257	684	752	452
	11-15	318	740	840	508
F..127R87	1.1-1.5	192	578	623.5	298
	2.2	219	602.5	664.5	322.5
	3	219	602.5	664.5	322.5
	4	219	618.5	680.5	338.5
	5.5	257	689	757	409
	7.5	257	732	800	452
	9.2	257	732	800	452
	11	318	788	888	508
	15	318	788	888	508
	18.5	380	844	944	564
F..157R97	0.55-0.75	169	571.5/572	616.5/617	246.5/247
	1.1-1.5	192	623	668.5	298
	2.2	219	647.5	709.5	322.5
	3	219	647.5	709.5	322.5
	4	219	663.5	725.5	338.5
	5.5	257	734	802	409
	7.5	257	777	845	452
	9.2	257	777	845	452
	11	318	833	933	508
	15	318	833	933	508
	18.5	380	889	989	564

注:上表中电机尺寸为参考尺寸,因空间限制对电机尺寸有严格要求时请向我公司咨询。
Notes:The dimension of motor in the above table is only reference.If you have special requirement, Please consult us.

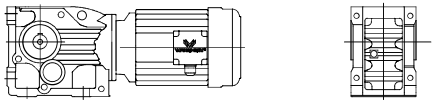
7. K系列斜齿轮-伞齿轮减速机
K Helical-Bevel Geared Motor

7.1设计方案
7.1Versions of geared motors

斜齿轮-伞齿轮减速电机有以下设计方案:
The following types of helical-bevel geared motor can be supplied:

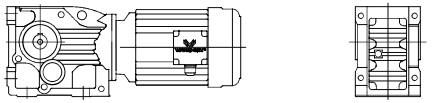


K..D..
底脚安装齿轮—伞齿轮减速电机
Foot-mounted helical-bevel geared motor

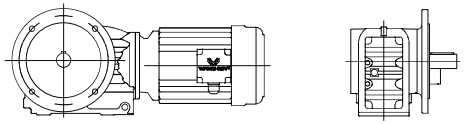


KA..BD..
底脚空心轴安装斜齿轮—伞齿轮减速电机
Foot-mounted helical-bevel geared motor with hollow shaft.

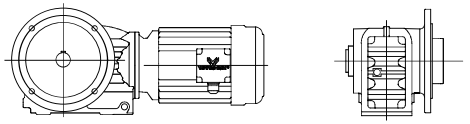
KV..BD..
底脚花键空心轴(DIN5480)安装斜齿轮—伞齿轮减速电机
Foot-mounted helical-bevel geared motor with hollow shaft and splined hollow shaft to DIN5480.



KH..BD..
底脚空心轴锁紧盘安装斜齿轮—伞齿轮减速电机
Foot-mounted helical-bevel geared motor with hollow shaft and shrink disk.

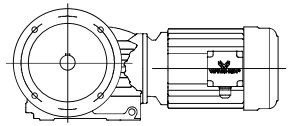
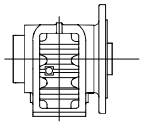


KF..D..
B5法兰安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B5 flange-mounted version.



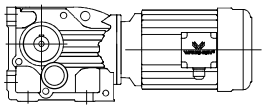
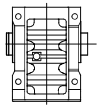
KAF..D..
B5法兰空心轴安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B5 flange-mounted version with hollow shaft.

KVF..D..
B5法兰花键空心轴(DIN5480)安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B5 flange-mounted version with hollow shaft and splined hollow shaft to DIN 5480.

KHF..D..

B5法兰空心轴锁紧盘安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B5 flange-mounted version with hollow shaft and shrink disk.

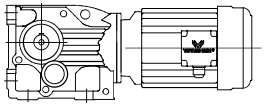
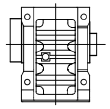



KA..D..

空心轴安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor with hollow shaft .

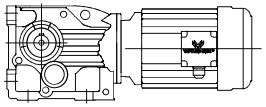
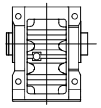
KV..D..

花键空心轴(DIN5480)安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor with splined hollow shaft to DIN 5480.

KH..D..

空心轴锁紧盘安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor with hollow shaft and shrink disk.

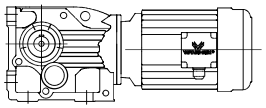
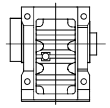



KAZ..D..

B14法兰空心轴安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B14 flange-mounted version with hollow shaft.

KVZ..D..

B14法兰花键空心轴(DIN 5480)安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B14 flange-mounted version with splined hollow shaft to DIN 5480.

KHZ..D..

B14法兰空心轴锁紧盘安装斜齿轮—伞齿轮减速电机
Helical-bevel geared motor in B14 flange-mounted version with hollow shaft and shrink disk.

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

7.2 可行的组合方式
7.2 Type of Combination

以下是斜齿轮—伞齿轮减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围。
The below is combination table between gear box and electro motor in each list the ratio range.

减速器型号 Gear unit size	级 Stages	D63/71 (0.12-0.37KW)	D80 (0.55-0.75KW)	D90 (1.1-1.5KW)	D100 (2.2-3.0KW)	D112 (4.0KW)	D132S (5.5KW)	D132M (7.5KW)
K/KF/KA/KAF37	3	5.36-106.38	5.36-83.69	5.36-24.99 29.96-72.54	5.36-10.49 13.08-20.19 29.96-58.60			
K/KF/KA/KAF47	3	7.36-11.77 13.65-31.30 39.61-131.87	5.81-104.37	5.81-90.86	5.81-21.18 25.91 35.39-63.30 75.20			
K/KF/KA/KAF57	3	9.59-11.92 19.34-35.70 48.89-145.14	7.55-11.92 15.22-123.85	6.57-108.29	6.57-90.26	6.57-30.28 38.49-76.56		
K/KF/KA/KAF67	3	10.63-12.48 19.30-35.62 48.77-144.79	8.37-12.48 15.19-123.54	7.28-108.03	7.28-90.04	7.28-30.22 38.39-76.37	7.28-24.00 38.39-60.66	7.28-24.00 38.39-60.66
K/KF/KA/KAF77	3	25.62-38.39 64.75-192.18	10.84-12.36 20.25-38.39 51.18-154.02	7.24-135.28	7.24-113.56	7.24-97.05	7.24-30.89 40.04-78.07	7.24-30.89 40.04-78.07
K/KF/KA/KAF87	3		16.00 27.88-31.39 70.46-197.37	11.17 16.00 19.45-31.39 49.16-174.19	8.29-11.17 14.45-147.32	8.29-11.17 14.45-126.91	7.21-102.71	7.21-102.71
K/KF/KA/KAF97	3			24.75-38.30 62.55-176.05	18.96-38.30 47.93-176.05	18.96-38.30 47.93-153.21	8.71-123.93	8.71-123.93
K/KF/KA/KAF107	3				13.43 22.62-29.00 32.69 57.17-143.47	13.43 22.62-29.00 32.69 57.17-143.47	8.69-29.00 32.69-143.47	8.69-29.00 32.69-143.47
K/KF/KA/KAF127	3							12.79 21.15-36.25 47.82-146.07

减速器型号 Gear unit size	级 Stages	D132ML (9.2KW)	D160M (11KW)	D160L (15KW)	D180 (18.5KW)	D200 (30KW)
K/KF/KA/KAF77	3	7.24-23.08 40.04-58.34	7.24-23.08 40.04-58.34			
K/KF/KA/KAF87	3	7.21-79.34	7.21-79.34	7.21-79.34	7.21-14.45 17.42-24.92 36.52-63.00	
K/KF/KA/KAF97	3	8.71-96.80	8.71-96.80	8.71-96.80	8.71-30.82 41.87-77.89	8.71--24.75 41.87-62.55
K/KF/KA/KAF107	3	8.69-112.41	8.69-112.41	8.69-112.41	8.69-90.96	8.69-31.28 37.00-73.30
K/KF/KA/KAF127	3	10.74-12.79 17.77-136.14	10.74-12.79 17.77-136.14	10.74-12.79 17.77-136.14	8.68-110.18	8.68-89.89
K/KF/KA/KAF157	3		18.37-31.30 46.79-150.41	18.37-31.30 46.79-150.41	14.92-122.39	12.65-100.22
K/KH167	3		24.52-32.25 51.77-164.50	24.52-32.25 51.77-164.50	20.32-32.25 42.89-134.99	17.34-109.83
K/KH187	3		33.23-42.51 88.00-179.86	33.23-42.51 88.00-179.86	27.92-42.51 73.96-179.86	17.18-179.86

减速器型号 Gear unit size	级 Stages	D225 (37-45KW)	D250M (55KW)	D280 (75-90KW)	D315 (110-132KW)	D315M_A/B (160-200KW)
K/KF/KA/KAF107	3	8.69-31.28 37.00-73.30				
K/KF/KA/KAF127	3	8.68-89.89	8.68-31.37 40.19-70.95	8.68-31.37 40.19-70.95		
K/KF/KA/KAF157	3	12.65-100.22	12.65-79.75	12.65-79.75	12.65-23.95 38.02-61.02	12.65-18.37 38.02-46.79
K/KH167	3	17.34-109.83	17.34-87.86	17.34-87.86	17.34-68.07	17.34-24.52 36.61-51.77
K/KH187	3	17.18-179.86	17.18-144.59	17.18-144.59	17.18-112.60	17.18-33.23 45.50-88.00

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

7.3 速比与最大扭矩
7.3 Ratio and Max.Torque

K37-57 n_a=1400r/min

K37				200Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
106.38	13	200	5640	AD_1
97.81	14	200	5640	
83.69	17	200	5640	
72.54	19	200	5520	
67.80	21	200	5360	
58.60	24	200	5020	
49.79	28	200	4660	
44.46	31	200	4420	
37.97	37	200	4100	
35.57	39	200	3970	
29.96	47	200	3650	AD_2
28.83	49	200	3580	
24.99	56	200	3330	
23.36	60	195	3260	
20.19	69	185	3110	
17.15	82	180	2900	
15.31	91	175	2780	
13.08	107	165	2650	
12.14	115	160	2600	
10.49	133	160	2410	
8.91	157	160	2200	
7.96	176	155	2110	
6.80	206	150	1980	
6.37	220	145	1950	
5.36	261	140	1810	

K47				400Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
131.87	11	400	5920	AD_2
121.48	12	400	5920	
104.37	13	400	5920	
90.86	15	400	5920	
85.12	16	400	5920	
75.20	19	400	5920	
69.84	20	400	5920	
63.30	22	400	5920	
56.83	25	400	5920	
48.95	29	400	5920	
46.03	30	400	5920	
39.61	35	400	5920	
35.39	40	400	5920	
31.30	45	400	5700	
29.32	48	400	5520	
25.91	54	400	5170	
24.06	58	400	4970	
21.81	64	400	4710	
19.58	72	400	4440	
16.86	83	380	4230	
15.86	88	380	4080	
13.65	103	360	3890	
12.19	115	350	3720	
11.77	119	280	4060	
10.56	133	280	3830	
9.10	154	280	3540	
8.56	164	270	3500	Ad_3
7.36	190	250	3390	
6.58	213	240	3270	
5.81	241	230	3140	

K57				600Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
145.14	9.6	600	7470	AD_2
123.85	11	600	7470	
108.29	13	600	7470	
102.88	14	600	7470	
90.26	16	600	7470	
76.56	18	600	7470	
69.12	20	600	7470	
60.81	23	600	7470	
57.42	24	600	7470	
48.89	29	600	7470	
44.43	32	600	7470	
38.49	36	600	7470	
35.70	39	600	7470	
30.28	46	600	7310	
27.34	51	600	6930	
24.05	58	600	6480	
22.71	62	600	6280	
19.34	72	575	5910	
17.57	80	555	5740	
15.22	92	535	5430	AD_3
13.25	106	510	5190	
11.92	117	415	5150	
11.26	124	415	4990	
9.59	146	405	4650	
8.71	161	390	4520	
7.55	185	365	4360	
6.57	213	345	4190	

K 67-87 n_a=1400 r/min

K67				820Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
144.79	9.7	820	10300	AD_2
123.54	11	820	10300	
108.03	13	820	10300	
102.62	14	820	10300	
90.04	16	820	10300	
76.37	18	820	10300	
68.95	20	820	10300	
60.66	23	820	10300	
57.28	24	820	10300	
48.77	29	820	10300	
44.32	32	820	10300	
38.39	36	820	10300	
35.62	39	820	10300	
30.22	46	820	10300	AD_3
27.28	51	820	10300	
24.00	58	800	10500	
22.66	62	780	10700	
19.30	73	760	10800	
17.54	80	740	11000	
15.19	92	700	11300	
13.22	106	670	11500	
12.48	112	530	12300	
10.63	132	500	11800	
9.66	145	480	11500	
8.37	167	440	11100	
7.28	192	420	10700	

K77				1550Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
192.18	7.3	1450	16100	AD_2
179.37	7.8	1450	16100	
154.02	9.1	1550	15400	
135.28	10	1550	15400	
128.52	11	1550	15400	
113.56	12	1550	15400	
97.05	14	1550	15400	
88.97	16	1550	15400	
78.07	18	1550	15400	
73.99	19	1550	15400	
64.75	22	1550	15400	
58.34	24	1550	15400	
51.18	27	1550	15400	
45.16	31	1550	15400	
40.04	35	1550	15400	AD_3
38.39	36	1550	15400	
35.20	40	1550	15400	
30.89	45	1550	15400	
29.27	48	1550	15400	AD_4
25.62	55	1550	15400	
23.08	61	1550	15400	
20.25	69	1550	15700	
17.87	78	1450	16100	
15.84	88	1400	15500	
13.52	104	1340	14800	
12.36	113	1000	15100	
10.84	129	990	14400	
9.56	146	940	13900	
8.48	165	890	13500	
7.24	193	820	13100	

K87				2700Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
197.37	7.1	2700	27300	AD_2
174.19	8.0	2700	27300	
164.34	8.5	2700	27300	
147.32	9.5	2700	27300	
126.91	11	2700	27300	
115.82	12	2700	27300	
102.71	14	2700	27300	
86.34	16	2700	27300	
79.34	18	2700	27300	AD_3
70.46	20	2700	27300	
63.00	22	2700	26200	
56.64	25	2700	25000	
49.16	28	2700	23500	
44.02	32	2600	22800	
36.52	38	2500	21400	
31.39	45	2700	19200	AD_4
27.88	50	2600	18500	
24.92	56	2500	18000	
22.41	62	2300	17900	
19.45	72	2300	16800	
17.42	80	2200	16300	
16.00	87	1800	16000	
14.45	97	2100	15300	
12.56	111	2000	14800	
11.17	125	1500	14900	
10.00	140	1500	14200	AD_5
8.29	169	1400	13500	
7.21	194	1300	13200	

K 97/127 n_a=1400 r/min

K97				4300Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
176.05	8.0	4300	40000	AD3
153.21	9.1	4300	40000	
140.28	10	4300	40000	
123.93	11	4300	40000	
105.13	13	4300	40000	
96.80	14	4300	40000	
86.52	16	4300	38800	
77.89	18	4300	37100	
70.54	20	4300	35600	
62.55	22	4300	33800	AD4
56.55	25	4300	32300	
47.93	29	4300	30000	
41.87	33	4300	28300	
38.30	37	4300	27100	AD5
34.23	41	4300	25700	
30.82	45	4300	24500	
27.91	50	4300	23300	
24.75	57	4300	22000	
22.37	63	4300	20900	
18.96	74	4300	19100	
16.56	85	4300	17800	
13.85	101	4300	16100	AD6
11.99	117	3890	16200	
10.41	134	2870	16400	AD5
8.71	161	2660	15800	AD6

K107				8000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
143.47	9.8	8000	65000	AD4
121.46	12	8000	61700	
112.41	12	8000	59700	
100.75	14	8000	57000	
90.96	15	8000	54600	
82.61	17	8000	52400	
73.30	19	8000	49700	
66.52	21	8000	47600	
57.17	24	8000	44400	
49.90	28	7840	42200	
42.33	33	7360	40500	AD5
37.00	38	7200	38500	
32.69	43	7200	36300	
31.28	45	6800	36700	
29.00	48	7200	34000	AD5
26.32	53	7200	32000	
22.62	62	7200	28900	
19.74	71	7200	26100	
16.75	84	7050	23600	
14.64	96	6890	21900	
13.43	104	4300	29200	
11.73	119	4300	27500	
9.94	141	4190	25800	
8.69	161	4070	24600	

K127				13000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
146. 07	9. 6	13000	79200	AD4
136. 14	10	13000	79200	
122. 48	11	13000	79200	
110. 18	13	13000	79200	
89. 89	16	13000	75100	AD5
81. 98	17	13000	72100	
70. 95	20	13000	67700	
62. 60	22	13000	64000	
54. 07	26	13000	59900	
47. 82	29	13000	56500	
40. 19	35	13000	52000	AD6
36.25	39	13000	49400	Ad7
31.37	45	13000	45900	
27.68	51	13000	43000	
23.91	59	13000	39800	
21.15	66	13000	37200	AD8
17.77	79	13000	33600	
14.35	98	12100	31800	
12.79	109	8530	35400	
10.74	130	8000	33900	
8.68	161	7230	32500	

K 157-187 n_a=1400 r/min

K157				18000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
150.41	9.3	18000	112200	AD5
122.39	11	18000	106500	
100.22	14	18000	98000	
91.65	15	18000	94400	
79.75	18	18000	88900	
70.38	20	18000	84200	
61.02	23	18000	79000	
54.29	26	18000	74900	AD6
46.79	30	18000	70000	AD7
38.02	37	18000	63300	
31.30	45	18000	57500	AD8
27.62	51	18000	54000	
23.95	58	18000	50000	
21.31	66	18000	47000	
18.37	76	18000	43200	
14.92	94	18000	38200	
12.65	111	17000	36700	

K167				32000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
164.50	8.5	32000	150000	AD5
134.99	10	32000	150000	AD6
109.83	13	32000	150000	
87.86	16	32000	147200	AD7
78.14	18	32000	140100	
68.07	21	32000	132000	
60.74	23	32000	125600	
51.77	27	32000	117000	AD8
42.89	33	32000	107400	
36.61	38	32000	99700	
32.25	43	32000	93700	
28.77	49	32000	88600	
24.52	57	32000	81700	
20.32	69	32000	74000	
17.34	81	32000	67900	

K187				18000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]	AD
179.86	7.8	50000	190000	AD6
165.21	8.5	50000	190000	
144.59	9.7	50000	190000	
129.69	11	50000	188200	AD7
112.60	12	50000	177200	
102.16	14	50000	169900	
88.00	16	50000	159000	AD8
73.96	19	50000	147000	
64.04	22	50000	137500	
53.36	26	50000	126100	
45.50	31	50000	116600	
42.51	33	50000	112700	
38.57	36	50000	107200	
33.23	42	50000	99100	
27.92	50	50000	90200	
24.18	58	47600	86800	
20.15	69	43900	84000	
17.18	81	41400	80800	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

K47/57/67RF37 n_a=1400 r/min

K47/RF37			400Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
10138	0.14	400	5920
8534	0.16	400	5920
7662	0.18	400	5920
6826	0.21	400	5920
5983	0.23	400	5920
5159	0.27	400	5920
4601	0.30	400	5920
3940	0.36	400	5920
3477	0.40	400	5920
3043	0.46	400	5920
2733	0.51	400	5920
2354	0.59	400	5920
2063	0.68	400	5920
1819	0.77	400	5920
1586	0.88	400	5920
1388	1.0	400	5920
1222	1.1	400	5920
1097	1.3	400	5920
945	1.5	400	5920
831	1.7	400	5920
718	1.9	400	5920
639	2.2	400	5920
552	2.5	400	5920
495	2.8	400	5920
426	3.3	400	5920
375	3.7	400	5920
327	4.3	400	5920
289	4.8	400	5920
256	5.5	400	5920
225	6.2	400	5920
198	7.1	400	5920
171	8.2	400	5920
153	9.2	400	5920
131	11	400	5920
112	13	400	5920
99	14	400	5920
94	15	400	5920

K57/RF37			600Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
12169	0.12	600	7470
11162	0.13	600	7470
9503	0.15	600	7470
8547	0.16	600	7470
7277	0.19	600	7470
6478	0.22	600	7470
5662	0.25	600	7470
5033	0.28	600	7470
4340	0.32	600	7470
3854	0.36	600	7470
3390	0.41	600	7470
2924	0.48	600	7470
2593	0.54	600	7470
2249	0.62	600	7470
1986	0.70	600	7470
1743	0.80	600	7470
1539	0.91	600	7470
1354	1.0	600	7470
1174	1.2	600	7470
1036	1.4	600	7470
906	1.5	600	7470
806	1.7	600	7470
699	2.0	600	7470
615	2.3	600	7470
544	2.6	600	7470
473	3.0	600	7470
421	3.3	600	7470
362	3.9	600	7470
319	4.4	600	7470
280	5.0	600	7470
246	5.7	600	7470
215	6.5	600	7470
192	7.3	600	7470
166	8.4	600	7470
145	9.7	600	7470
129	11	600	7470
111	13	600	7470
97	14	600	7470

K67/RF37			820Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
12139	0.12	820	10300
11134	0.13	820	10300
9479	0.15	820	10300
8173	0.17	820	10300
7259	0.19	820	10300
6462	0.22	820	10300
5648	0.25	820	10300
4846	0.29	820	10300
4329	0.32	820	10300
3750	0.37	820	10300
3315	0.42	820	10300
2917	0.48	820	10300
2532	0.55	820	10300
2244	0.62	820	10300
1981	0.71	820	10300
1739	0.81	820	10300
1535	0.91	820	10300
1351	1.0	820	10300
1171	1.2	820	10300
1034	1.4	820	10300
903	1.6	820	10300
793	1.8	820	10300
697	2.0	820	10300
613	2.3	820	10300
542	2.6	820	10300
471	3.0	820	10300
420	3.3	820	10300
361	3.9	820	10300
323	4.3	820	10300
279	5.0	820	10300
246	5.7	820	10300
217	6.5	820	10300
191	7.3	820	10300
166	8.4	820	10300
144	9.7	820	10300
122	11	820	10300

K 77RF37 ,K87/97RF57 n_a=1400 r/min

K77/RF37			1550Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
15310	0.09	1550	15400
14043	0.10	1550	15400
11955	0.12	1550	15400
10217	0.14	1550	15400
8809	0.16	1550	15400
7528	0.19	1550	15400
6606	0.21	1550	15400
5774	0.24	1550	15400
5089	0.28	1550	15400
4489	0.31	1550	15400
3961	0.35	1550	15400
3485	0.40	1550	15400
2901	0.48	1550	15400
2717	0.52	1550	15400
2370	0.59	1550	15400
2050	0.68	1550	15400
1772	0.79	1550	15400
1514	0.92	1550	15400
1388	1.0	1550	15400
1218	1.1	1550	15400
1053	1.3	1550	15400
924	1.5	1550	15400
815	1.7	1550	15400
709	2.0	1550	15400
622	2.3	1550	15400
552	2.5	1550	15400
485	2.9	1550	15400
428	3.3	1550	15400
367	3.8	1550	15400
328	4.3	1550	15400
290	4.8	1550	15400
252	5.6	1550	15400
221	6.3	1550	15400
195	7.2	1550	15400
175	8.0	1550	15400
154	9.1	1550	15400

K87/RF57			2700Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
14829	0.09	2700	27300
13168	0.11	2700	27300
11737	0.12	2700	27300
10217	0.14	2700	27300
9073	0.15	2700	27300
7854	0.18	2700	27300
6832	0.20	2700	27300
5930	0.24	2700	27300
5240	0.27	2700	27300
4562	0.31	2700	27300
4037	0.35	2700	27300
3609	0.39	2700	27300
3107	0.45	2700	27300
2728	0.51	2700	27300
2371	0.59	2700	27300
2088	0.67	2700	27300
1854	0.76	2700	27300
1657	0.84	2700	27300
1415	0.99	2700	27300
1229	1.1	2700	27300
1078	1.3	2700	27300
951	1.5	2700	27300
837	1.7	2700	27300
726	1.9	2700	27300
638	2.2	2700	27300
562	2.5	2700	27300
474	3.0	2700	27300
426	3.3	2700	27300
373	3.8	2700	27300
330	4.2	2700	27300
294	4.8	2700	27300
250	5.6	2700	27300
236	5.9	2700	27300
201	7.0	2700	27300
183	7.7	2700	27300
159	8.8	2700	27300
141	9.9	2700	27400

K97/RF57			4300Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
18091	0.08	4300	40000
16666	0.08	4300	40000
14897	0.09	4300	40000
13182	0.11	4300	40000
11677	0.12	4300	40000
10317	0.14	4300	40000
9083	0.15	4300	40000
8054	0.17	4300	40000
6970	0.20	4300	40000
6027	0.23	4300	40000
5391	0.26	4300	40000
4669	0.30	4300	40000
4082	0.34	4300	40000
3583	0.39	4300	40000
3108	0.45	4300	40000
2757	0.51	4300	40000
2419	0.58	4300	40000
2123	0.66	4300	40000
1856	0.75	4300	40000
1625	0.86	4300	40000
1430	0.98	4300	40000
1261	1.1	4300	40000
1102	1.3	4300	40000
957	1.5	4300	40000
855	1.6	4300	40000
743	1.9	4300	40000
652	2.1	4300	40000
573	2.4	4300	40000
504	2.8	4300	40000
437	3.2	4300	40000
382	3.7	4300	40000
342	4.1	4300	40000
305	4.6	4300	40000
258	5.4	4300	40000
232	6.0	4300	40000
199	7.0	4300	40000

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

K107/127RF77,K127/RF87 n_a=1400 r/min

K107/RF77			8000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
14311	0.10	8000	65000
12211	0.11	8000	65000
10677	0.13	8000	65000
9524	0.15	8000	65000
8328	0.17	8000	65000
7270	0.19	8000	65000
6184	0.23	8000	65000
5662	0.25	8000	65000
5138	0.27	8000	65000
4359	0.32	8000	65000
3810	0.37	8000	65000
3358	0.42	8000	65000
2977	0.47	8000	65000
2599	0.54	8000	65000
2286	0.61	8000	65000
1939	0.72	8000	65000
1713	0.82	8000	65000
1554	0.90	8000	65000
1336	1.0	8000	65000
1166	1.2	8000	65000
1030	1.4	8000	65000
904	1.5	8000	65000
793	1.8	8000	65000
696	2.0	8000	65000
615	2.3	8000	65000
522	2.7	8000	65000
461	3.0	8000	65000
408	3.4	8000	65000
364	3.8	8000	65000
318	4.4	8000	65000
286	4.9	8000	65000
251	5.6	8000	65000
222	6.3	8000	65000
196	7.1	8000	65000
174	8.0	7200	65000
154	9.1	7200	65000
140	10	7200	65000

K127/RF77			13000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
17550	0.08	13000	79200
16006	0.09	13000	79200
14975	0.09	13000	79200
12440	0.11	13000	79200
10915	0.13	13000	79200
9819	0.14	13000	79200
8443	0.17	13000	79200
7482	0.19	13000	79200
6565	0.21	13000	79200
5804	0.24	13000	79200
5027	0.28	13000	79200
4423	0.32	13000	79200
3889	0.36	13000	79200
3311	0.42	13000	79200
3009	0.47	13000	79200
2607	0.54	13000	79200
2268	0.62	13000	79200
1926	0.73	13000	79200
1757	0.80	13000	79200
1541	0.91	13000	79200
1342	1.0	13000	79200
1177	1.2	13000	79200
1025	1.4	13000	79200
899	1.6	13000	79200
790	1.8	13000	79200
704	2.0	13000	79200
610	2.3	13000	79200
549	2.6	13000	79200
477	2.9	13000	79200
418	3.3	13000	79200

K127/RF87			13000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
536	2.6	13000	79200
473	3.0	13000	79200
418	3.3	13000	79200
367	3.8	13000	79200
330	4.2	13000	79200
287	4.9	13000	79200
253	5.5	13000	79200
213	6.6	13000	79200
200	7.0	13000	79200
166	8.4	13000	79200
147	9.5	13000	79200

K157/RF97,K157/RF107,K167/187/RF97 n_a=1400 r/min

K157/RF97			18000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
17679	0.08	18000	112200
15729	0.09	18000	112200
14721	0.10	18000	112200
13097	0.11	18000	112200
11368	0.12	18000	112200
10114	0.14	18000	112200
8718	0.16	18000	112200
7734	0.18	18000	112200
6881	0.20	18000	112200
5931	0.24	18000	112200
5074	0.28	18000	112200
4514	0.31	18000	112200
3979	0.35	18000	112200
3516	0.40	18000	112200
3051	0.46	18000	112200
2610	0.54	18000	112200
2322	0.60	18000	112200
2029	0.69	18000	112200
1805	0.78	18000	112200
1659	0.84	18000	112200
1365	1.0	18000	112200
1229	1.1	18000	112200
1093	1.3	18000	112200
942	1.5	18000	112200
854	1.6	18000	112200
756	1.9	18000	112200
661	2.1	18000	112200
567	2.5	18000	112200
504	2.8	18000	112200
434	3.2	18000	112200
379	3.7	18000	112200
333	4.2	18000	112200
291	4.8	18000	112200

K157/RF107			18000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
385	3.6	18000	112200
325	4.3	18000	112200
299	4.7	18000	112200
253	5.5	18000	112200
230	6.1	18000	112200
213	6.6	18000	112200
187	7.5	18000	112200
157	8.9	18000	112200
122	11	18000	112200
107	13	18000	112200

K167/RF97			32000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
19723	0.07	32000	15000
17406	0.08	32000	15000
15000	0.09	32000	15000
13238	0.11	32000	15000
11573	0.12	32000	15000
10264	0.14	32000	15000
8628	0.16	32000	15000
6562	0.21	32000	15000
5355	0.26	32000	15000
4788	0.29	32000	15000
4079	0.34	32000	15000
3376	0.41	32000	15000
2755	0.51	32000	15000
2263	0.62	32000	15000
2182	0.64	32000	15000
1704	0.82	32000	15000
1408	0.99	32000	15000
1296	1.1	32000	15000
1101	1.3	32000	15000
944	1.5	32000	15000
843	1.7	32000	15000
757	1.8	32000	15000
632	2.2	32000	15000
561	2.5	32000	15000
481	2.9	32000	15000
423	3.3	32000	15000
369	3.8	32000	15000

K187/RF97,K167/187/RF107, n_a=1400 r/min

K167/RF107			32000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
318	4.4	32000	150000
278	5.0	32000	15000
244	5.7	32000	15000
213	6.6	32000	15000
206	6.8	32000	15000
180	7.8	32000	15000
160	8.8	32000	15000
135	10	32000	15000
118	12	32000	15000

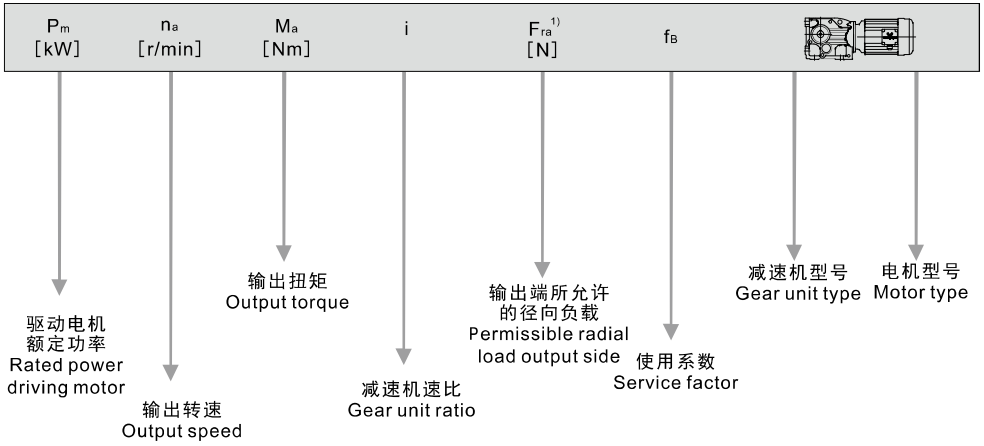
K187/RF97			50000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
32625	0.04	50000	190000
27165	0.05	50000	190000
24353	0.06	50000	190000
19144	0.07	50000	190000
16978	0.08	50000	190000
14272	0.10	50000	190000
13116	0.11	50000	190000
11647	0.12	50000	190000
10413	0.13	50000	190000
9363	0.15	50000	190000
8126	0.17	50000	190000
7343	0.19	50000	190000
6747	0.21	50000	190000
5991	0.23	50000	190000
5358	0.26	50000	190000
4817	0.29	50000	190000
4370	0.32	50000	190000
3609	0.39	50000	190000
3062	0.46	50000	190000
2818	0.50	50000	190000
2519	0.56	50000	190000
2268	0.62	50000	190000
2054	0.68	50000	190000
1821	0.77	50000	190000
1605	0.87	50000	190000
1395	1.0	50000	190000
1196	1.2	50000	190000
1046	1.3	50000	190000
945	1.5	50000	190000
738	1.9	50000	190000
621	2.3	50000	190000
527	2.7	50000	190000

K187/RF107			50000Nm
i	n_a [r/min]	M_{amax} [N/m]	F_{ra} [N]
835	1.7	50000	190000
729	1.9	50000	190000
622	2.3	50000	190000
520	2.7	50000	190000
454	3.1	50000	190000
355	3.9	50000	190000
261	5.4	50000	190000
221	6.3	50000	190000
193	7.3	50000	190000
163	8.6	50000	190000

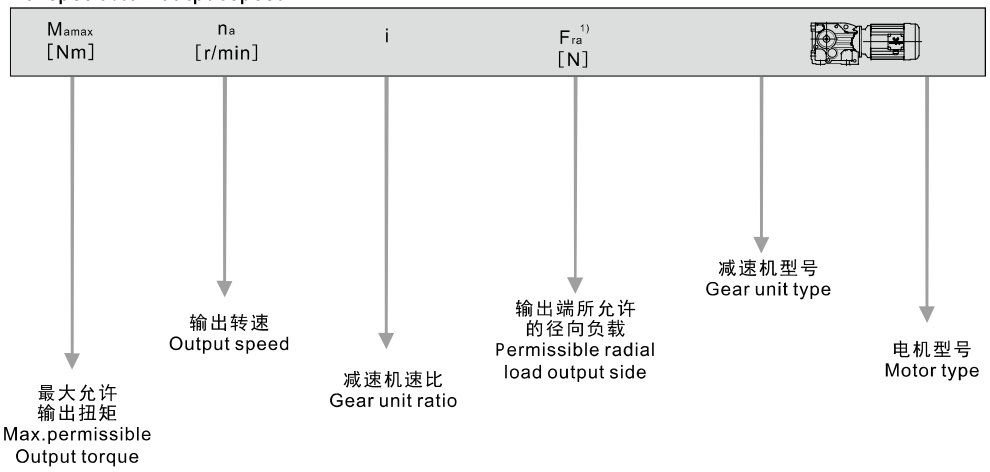
K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

7.4 选型表注释
7.4 Selection table

选型表的结构
Selection table for gear motors



对于特殊低输出转速
For special low output speed



图例 Cuttine

※也可用于Eexe电机。 ※ EEXE motor also applicable.

1）实心轴底脚安装减速机的径向负荷

1）Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:

对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.

输出转速 Output speed na [r/min]	输出转矩 Output torque Ma [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load FRa [N]	使用系数 Service factor fB	机型号 Model
0.12kW					
0.08	11800	17550	79800	1.10	
0.09	10700	16006	80400	1.20	
0.10	9880	14975	80700	1.30	K 127/RF77WSS0.12KW-4
0.11	8010	12440	81500	1.60	KF 127/RF77WSS0.12KW-4
0.13	6920	10915	81800	1.90	KA 127/RF77WSS0.12KW-4
0.14	6320	9819	82000	2.1	KAF127/RF77WSS0.12KW-4
0.16	5220	8443	82300	2.5	
0.18	4820	7482	82300	2.7	
0.10	9590	14311	65000	0.85	
0.11	8060	12211	65000	1.00	
0.13	6930	10677	65000	1.15	
0.14	6280	9524	65000	1.25	K 107/RF77WSS0.12KW-4
0.17	5410	8328	65000	1.50	KF 107/RF77WSS0.12KW-4
0.19	4720	7270	65000	1.70	KA 107/RF77WSS0.12KW-4
0.22	3760	6184	65000	2.1	KAF107/RF77WSS0.12KW-4
0.24	3320	5662	65000	2.4	
0.27	3020	5138	65000	2.7	
0.32	2700	4359	65000	3.0	
0.17	5310	8054	39500	0.80	
0.20	4350	6970	40000	1.00	
0.23	3890	6027	40000	1.10	K 97/RF57WSS0.12KW-4
0.26	3560	5391	40000	1.20	KF 97/RF57WSS0.12KW-4
0.30	2950	4669	40000	1.45	KA 97/RF57WSS0.12KW-4
0.34	2640	4082	40000	1.65	KAF 97/RF57WSS0.12KW-4
0.39	2320	3583	40000	1.85	
0.44	2040	3108	40000	2.1	
0.50	1720	2757	40000	2.5	
0.57	1580	2419	40000	2.7	
0.65	1370	2123	40000	3.2	K 97/RF57WSS0.12KW-4
0.74	1220	1856	40000	3.5	KF 97/RF57WSS0.12KW-4
0.85	1000	1625	40000	4.3	KA 97/RF57WSS0.12KW-4
0.96	860	1430	40000	5.0	KAF 97/RF57WSS0.12KW-4
1.1	830	1261	40000	5.2	
1.2	725	1102	40000	5.9	
0.26	3380	5240	26300	0.80	
0.30	2850	4562	27100	0.95	K 87/RF57WSS0.12KW-4
0.34	2610	4037	27400	1.05	KF 87/RF57WSS0.12KW-4
0.38	2330	3609	27700	1.15	KA 87/RF57WSS0.12KW-4
0.44	1990	3107	28100	1.35	KAF 87/RF57WSS0.12KW-4
0.51	1700	2728	28300	1.60	
0.58	1500	2371	28500	1.80	
0.66	1380	2088	28600	1.95	
0.74	1220	1854	28700	2.2	
0.83	1090	1657	28700	2.5	K 87/RF57WSS0.12KW-4
0.97	930	1415	28800	2.9	KF 87/RF57WSS0.12KW-4
1.1	800	1229	28900	3.4	KA 87/RF57WSS0.12KW-4
1.3	695	1078	28900	3.9	KAF 87/RF57WSS0.12KW-4
1.5	585	951	29000	4.6	
1.6	505	837	29000	5.4	
1.9	435	726	29000	6.2	
					K 77/RF37WSS0.12KW-4
0.51	1790	2717	13400	0.85	KF 77/RF37WSS0.12KW-4
0.58	1510	2370	15700	1.05	KA 77/RF37WSS0.12KW-4
					KAF 77/RF37WSS0.12KW-4
0.67	1380	2050	16500	1.10	
0.78	1180	1772	17500	1.30	
0.91	1010	1514	18300	1.55	
0.99	920	1388	18600	1.70	K 77/RF37WSS0.12KW-4
1.1	810	1218	19000	1.90	KF 77/RF37WSS0.12KW-4
1.3	710	1053	19200	2.2	KA 77/RF37WSS0.12KW-4
1.5	620	924	19500	2.5	KAF 77/RF37WSS0.12KW-4
1.7	550	815	19600	2.8	
2.0	440	709	19800	3.5	
2.2	385	622	19900	4.0	

输出转速 Output speed na [r/min]	输出转矩 Output torque Ma [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load FRa [N]	使用系数 Service factor fB	机型号 Model
0.12kW					
1.0	930	1351	9230	0.90	
1.2	795	1171	10500	1.05	
1.3	695	1034	11300	1.20	
1.5	585	903	12000	1.40	
1.7	545	793	12200	1.50	
2.0	440	697	12700	1.85	K 67/RF37WSS0.12KW-4
2.2	390	613	12900	2.1	KF 67/RF37WSS0.12KW-4
2.5	340	542	13000	2.4	KA 67/RF37WSS0.12KW-4
2.9	315	471	13000	2.6	KAF 67/RF37WSS0.12KW-4
3.3	265	420	13000	3.1	
3.8	235	361	13000	3.5	
4.3	210	323	13000	3.9	
4.9	176	279	13000	4.7	
5.6	155	246	13000	5.3	
6.3	134	217	13000	6.1	
1.5	585	906	7750	1.05	
1.7	525	806	8220	1.15	
2.0	445	699	8690	1.35	
2.2	390	615	8930	1.55	
2.5	340	544	9120	1.75	K 57/RF37WSS0.12KW-4
2.9	310	473	9250	1.95	KF 57/RF37WSS0.12KW-4
3.3	265	421	9420	2.3	KA 57/RF37WSS0.12KW-4
3.8	235	362	9510	2.5	KAF 57/RF37WSS0.12KW-4
4.3	210	319	9610	2.9	
4.9	176	280	9710	3.4	
5.6	155	246	9770	3.9	
6.4	135	215	9830	4.4	
7.2	122	192	9860	4.9	
2.2	430	639	2520	0.95	
2.5	370	552	6350	1.10	
2.8	315	495	6930	1.25	K 47/RF37WSS0.12KW-4
3.2	280	426	7240	1.45	KF 47/RF37WSS0.12KW-4
3.7	235	375	7560	1.70	KA 47/RF37WSS0.12KW-4
4.2	215	327	7670	1.85	KAF 47/RF37WSS0.12KW-4
4.8	189	289	7830	2.1	
6.2	184	144.79	13000	4.4	K 67 WSS0.12KW-6 KF 67 WSS0.12KW-6 KA 67 WSS0.12KW-6 KAF 67 WSS0.12KW-6
6.2	185	145.14	9680	3.2	
7.3	158	123.85	9760	3.8	K 57 WSS0.12KW-6
8.3	138	108.29	9820	4.3	KF 57 WSS0.12KW-6
8.8	131	102.88	9840	4.6	KA 57 WSS0.12KW-6
10	115	90.26	9880	5.2	KAF 57 WSS0.12KW-6
12	98	76.56	9930	6.2	
9.5	121	145.14	9870	5.0	
11	103	123.85	9920	5.8	K 57 WSS0.12KW-4
13	90	108.29	9950	6.7	KF 57 WSS0.12KW-4
13	85	102.88	9960	7.0	KA 57 WSS0.12KW-4
15	75	90.26	9990	8.0	KAF 57 WSS0.12KW-4
6.8	168	131.87	7930	2.4	K 47 WSS0.12KW-6
7.4	155	121.48	7990	2.6	KF 47 WSS0.12KW-6
8.6	133	104.37	8070	3.0	KA 47 WSS0.12KW-6
					KAF 47 WSS0.12KW-6
10	110	131.87	8140	3.7	K 47 WSS0.12KW-4
11	101	121.48	8170	4.0	KF 47 WSS0.12KW-4
					KA 47 WSS0.12KW-4
					KAF 47 WSS0.12KW-4
8.5	136	106.38	6230	1.50	K 37 WSS0.12KW-6
9.2	125	97.81	6300	1.60	KF 37 WSS0.12KW-6
11	107	83.69	6410	1.90	KA 37 WSS0.12KW-6
12	92	72.54	6480	2.2	KAF 37 WSS0.12KW-6

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
13	88	106.38	6500	2.3	
14	81	97.81	6530	2.5	
16	70	83.69	6570	2.9	
19	60	72.54	6600	3.3	
20	56	67.80	6610	3.5	
24	49	58.60	6430	4.1	
28	41	49.79	6130	4.8	
31	37	44.46	5930	5.4	
36	32	37.97	5660	6.3	K 37 WSS0.12KW-4
39	30	35.57	5550	6.8	KF 37 WSS0.12KW-4
46	25	29.96	5270	8.0	KA 37 WSS0.12KW-4
48	24	28.83	5210	8.4	KAF 37 WSS0.12KW-4
55	21	24.99	4980	9.6	
59	19	23.36	4880	10	
68	17	20.19	4660	11	
80	14	17.15	4430	13	
90	13	15.31	4280	14	
105	11	13.08	4070	15	
114	10	12.14	3970	16	
0.18kW					
0.09	16300	14975	73200	0.80	
0.11	13400	12440	79000	0.95	
0.12	11600	10915	79900	1.10	
0.13	10500	9819	80400	1.25	
0.16	8850	8443	81100	1.45	K 127/RF77 WSS0.18KW-4
0.18	8040	7482	81400	1.60	KF 127/RF77 WSS0.18KW-4
0.20	6990	6565	81800	1.85	KA 127/RF77 WSS0.18KW-4
0.23	5940	5804	82100	2.2	KAF 127/RF77 WSS0.18KW-4
0.26	5220	5027	82300	2.5	
0.30	4530	4423	82400	2.9	
0.34	3960	3889	82500	3.3	
0.40	3310	3311	82600	3.9	
0.16	8990	8328	65000	0.90	
0.18	7850	7270	65000	1.00	
0.21	6420	6184	65000	1.25	
0.23	5760	5662	65000	1.40	
0.26	5230	5138	65000	1.55	K 107/RF77 WSS0.18KW-4
0.30	4570	4359	65000	1.75	KF 107/RF77 WSS0.18KW-4
0.35	4000	3810	65000	2.0	KA 107/RF77 WSS0.18KW-4
0.39	3440	3358	65000	2.3	KAF 107/RF77 WSS0.18KW-4
0.44	3090	2977	65000	2.6	
0.51	2700	2599	65000	3.0	
0.58	2340	2286	65000	3.4	
0.28	4960	4669	39900	0.85	
0.32	4390	4082	40000	1.00	K 97/RF57WSS0.18KW-4
0.37	3860	3583	40000	1.10	KF 97/RF57WSS0.18KW-4
0.42	3370	3108	40000	1.25	KA 97/RF57WSS0.18KW-4
0.48	2910	2757	40000	1.50	KAF 97/RF57WSS0.18KW-4
0.55	2640	2419	40000	1.65	
0.62	2290	2123	40000	1.95	
0.71	2030	1856	40000	2.1	
0.81	1710	1625	40000	2.5	K 97/RF57WSS0.18KW-4
0.92	1490	1430	40000	2.9	KF 97/RF57WSS0.18KW-4
1.0	1380	1261	40000	3.1	KA 97/RF57WSS0.18KW-4
1.2	1210	1102	40000	3.6	KAF 97/RF57WSS0.18KW-4
1.4	1040	957	40000	4.1	
1.5	930	855	40000	4.6	
1.8	755	743	40000	5.7	
2.0	675	652	40000	6.4	
0.42	3330	3107	26400	0.80	
0.48	2880	2728	27100	0.95	K 87/RF57WSS0.18KW-4
0.56	2520	2371	27500	1.05	KF 87/RF57WSS0.18KW-4
					KA 87/RF57WSS0.18KW-4
					KAF 87/RF57WSS0.18KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
0.63	2290	2088	27800	1.20	
0.71	2030	1854	28000	1.35	
0.80	1820	1657	28200	1.50	K 87/RF57WSS0.18KW-4
0.93	1540	1415	28400	1.75	KF 87/RF57WSS0.18KW-4
1.1	1340	1229	28600	2.0	KA 87/RF57WSS0.18KW-4
1.2	1160	1078	28700	2.3	KAF 87/RF57WSS0.18KW-4
1.4	1000	951	28800	2.7	
1.6	870	837	28800	3.1	
1.8	755	726	28900	3.6	
0.87	1670	1514	14500	0.95	
0.95	1530	1388	15500	1.00	
1.1	1340	1218	16700	1.15	
1.2	1170	1053	17600	1.35	
1.4	1030	924	18200	1.50	K 77/RF37WSS0.18KW-4
1.6	910	815	18700	1.70	KF 77/RF37WSS0.18KW-4
1.9	750	709	19100	2.1	KA 77/RF37WSS0.18KW-4
2.1	655	622	19400	2.4	KAF 77/RF37WSS0.18KW-4
2.4	590	552	19500	2.6	
2.7	515	485	19700	3.0	
3.1	455	428	19800	3.4	
3.6	400	367	19900	3.9	
1.5	980	903	5660	0.85	
1.7	890	793	9620	0.90	
1.9	745	697	10900	1.10	
2.2	655	613	11600	1.25	K 67/RF37WSS0.18KW-4
2.4	580	542	12000	1.40	KF 67/RF37WSS0.18KW-4
2.8	520	471	12300	1.60	KA 67/RF37WSS0.18KW-4
3.2	445	420	12600	1.85	KAF 67/RF37WSS0.18KW-4
3.7	395	361	12800	2.1	
4.1	350	323	13000	2.3	
4.7	295	279	13000	2.8	
2.2	660	615	5580	0.90	
2.4	580	544	7800	1.05	
2.8	515	473	8300	1.15	
3.1	450	421	8670	1.35	K 57/RF37WSS0.18KW-4
3.6	395	362	8900	1.50	KF 57/RF37WSS0.18KW-4
4.1	350	319	9100	1.75	KA 57/RF37WSS0.18KW-4
4.7	300	280	9290	2.0	KAF 57/RF37WSS0.18KW-4
5.4	260	246	9420	2.3	
6.1	230	215	9540	2.6	
6.9	205	192	9610	2.9	
7.9	178	166	9700	3.4	
3.5	400	375	5930	1.00	
4.0	360	327	6440	1.10	
4.6	315	289	6920	1.25	K 47/RF37WSS0.18KW-4
5.2	275	256	7290	1.45	KF 47/RF37WSS0.18KW-4
5.9	245	225	7500	1.65	KA 47/RF37WSS0.18KW-4
6.7	210	198	7710	1.90	KAF 47/RF37WSS0.18KW-4
7.7	183	171	7860	2.2	
8.6	164	153	7950	2.4	
10	142	131	8040	2.8	
6.0	285	144.79	13000	2.9	K 67 WSS0.18KW-6
7.0	245	123.54	13000	3.4	KF 67 WSS0.18KW-6
8.1	215	108.03	13000	3.8	KA 67 WSS0.18KW-6
8.5	205	102.62	13000	4.0	KAF 67 WSS0.18KW-6
9.1	189	144.79	13000	4.3	K 67 WSS0.18KW-4
11	161	123.54	13000	5.1	KF 67 WSS0.18KW-4
12	141	108.03	13000	5.8	KA 67 WSS0.18KW-4
					KAF 67 WSS0.18KW-4
6.0	285	145.14	9340	2.1	
7.0	245	123.85	9480	2.5	K 57 WSS0.18KW-6
8.0	215	108.29	9590	2.8	KF 57 WSS0.18KW-6
8.5	205	102.88	9620	3.0	KA 57 WSS0.18KW-6
9.6	178	90.26	9700	3.4	KAF 57 WSS0.18KW-6

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
9.1	189	145.14	9670	3.2	
11	161	123.85	9750	3.7	K 57 WSS0.18KW-4
12	141	108.29	9810	4.3	KF 57 WSS0.18KW-4
13	134	102.88	9830	4.5	KA 57 WSS0.18KW-4
15	118	90.26	9880	5.1	KAF 57 WSS0.18KW-4
17	100	76.56	9920	6.0	
6.6	260	131.87	7380	1.55	
7.2	240	121.48	7530	1.65	K 47 WSS0.18KW-6
8.3	205	104.37	7740	1.95	KF 47 WSS0.18KW-6
9.6	180	90.86	7880	2.2	KA 47 WSS0.18KW-6
10	168	85.12	7930	2.4	KAF 47 WSS0.18KW-6
10	172	131.87	7910	2.3	
11	158	121.48	7970	2.5	K 47 WSS0.18KW-4
13	136	104.37	8060	2.9	KF 47 WSS0.18KW-4
15	118	90.86	8120	3.4	KA 47 WSS0.18KW-4
16	111	85.12	8140	3.6	KAF 47 WSS0.18KW-4
8.2	210	106.38	5520	0.95	K 37 WSS0.18KW-6
8.9	193	97.81	5710	1.05	KF 37 WSS0.18KW-6
10	165	83.69	5990	1.20	KA 37 WSS0.18KW-6
12	143	72.54	6170	1.40	KAF 37 WSS0.18KW-6
12	139	106.38	6210	1.45	
14	127	97.81	6280	1.55	K 37 WSS0.18KW-4
16	109	83.69	6400	1.85	KF 37 WSS0.18KW-4
18	95	72.54	6470	2.1	KA 37 WSS0.18KW-4
19	88	67.80	6500	2.3	KAF 37 WSS0.18KW-4
23	76	58.60	6280	2.6	
27	65	49.79	6010	3.1	
30	58	44.46	5830	3.5	
35	49	37.97	5580	4.1	
37	46	35.57	5480	4.3	
44	39	29.96	5220	5.1	
46	38	28.83	5160	5.3	
53	33	24.99	4950	6.2	
57	30	23.36	4850	6.4	K 37 WSS0.18KW-4
65	26	20.19	4650	7.0	KF 37 WSS0.18KW-4
77	22	17.15	4430	8.1	KA 37 WSS0.18KW-4
86	20	15.31	4280	8.8	KAF 37 WSS0.18KW-4
101	17	13.08	4080	9.7	
109	16	12.14	3980	10	
126	14	10.49	3810	12	
148	12	8.91	3620	14	
166	10	7.96	3490	15	
0.25kW					
0.13	15300	9819	75300	0.85	
0.15	13000	8443	79200	1.00	
0.17	11700	7482	79900	1.10	
0.20	10200	6565	80600	1.30	K 127/RF77WSS0.25KW-4
0.22	8770	5804	81200	1.50	KF 127/RF77WSS0.25KW-4
0.26	7670	5027	81600	1.70	KA 127/RF77WSS0.25KW-4
0.29	6680	4423	81900	1.95	KAF 127/RF77WSS0.25KW-4
0.33	5850	3889	82100	2.2	
0.39	4930	3311	82300	2.6	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
0.21	9400	6184	65000	0.85	
0.23	8520	5662	65000	0.95	
0.25	7730	5138	65000	1.05	
0.30	6700	4359	65000	1.20	K 107/RF77WSS0.25KW-4
0.34	5850	3810	65000	1.35	KF 107/RF77WSS0.25KW-4
0.39	5070	3358	65000	1.60	KA 107/RF77WSS0.25KW-4
0.44	4540	2977	65000	1.75	KAF 107/RF77WSS0.25KW-4
0.50	3970	2599	65000	2.0	
0.57	3450	2286	65000	2.3	
0.67	2930	1939	65000	2.7	
0.76	2640	1713	65000	3.0	K 107/RF77WSS0.25KW-4
0.84	2390	1554	65000	3.3	KF 107/RF77WSS0.25KW-4
0.97	2060	1336	65000	3.9	KA 107/RF77WSS0.25KW-4
					KAF 107/RF77WSS0.25KW-4
0.42	4890	3108	40000	0.90	K 97/RF57WSS0.25KW-4
0.47	4250	2757	40000	1.00	KF 97/RF57WSS0.25KW-4
					KA 97/RF57WSS0.25KW-4
					KAF 97/RF57WSS0.25KW-4
0.54	3840	2419	40000	1.10	
0.61	3340	2123	40000	1.30	
0.70	2950	1856	40000	1.45	
0.80	2520	1625	40000	1.70	K 97/RF57WSS0.25KW-4
0.91	2190	1430	40000	1.95	KF 97/RF57WSS0.25KW-4
1.0	2010	1261	40000	2.1	KA 97/RF57WSS0.25KW-4
1.2	1750	1102	40000	2.5	KAF 97/RF57WSS0.25KW-4
1.4	1520	957	40000	2.8	
1.5	1360	855	40000	3.2	
0.62	3320	2088	26400	0.80	
0.70	2950	1854	27000	0.90	
0.78	2640	1657	27400	1.00	
0.92	2250	1415	27800	1.20	K 87/RF57WSS0.25KW-4
1.1	1950	1229	28100	1.40	KF 87/RF57WSS0.25KW-4
1.2	1700	1078	28300	1.60	KA 87/RF57WSS0.25KW-4
1.4	1470	951	28500	1.85	KAF 87/RF57WSS0.25KW-4
1.5	1280	837	28600	2.1	
1.8	1110	726	28700	2.4	
2.0	990	638	28800	2.7	
1.2	1690	1053	14300	0.90	
1.4	1480	924	15800	1.05	
1.6	1310	815	16900	1.20	K 77/RF37WSS0.25KW-4
1.8	1100	709	17900	1.40	KF 77/RF37WSS0.25KW-4
2.1	960	622	18400	1.60	KA 77/RF37WSS0.25KW-4
2.3	860	552	18000	1.80	KAF 77/RF37WSS0.25KW-4
2.7	755	485	19100	2.0	
3.0	665	428	19300	2.3	
3.5	580	367	19500	2.7	
4.0	515	328	19700	3.0	
4.5	460	290	19800	3.4	K 77/RF37WSS0.25KW-4
5.2	395	252	19900	3.9	KF 77/RF37WSS0.25KW-4
5.9	345	221	19900	4.5	KA 77/RF37WSS0.25KW-4
6.7	305	195	20000	5.1	KAF 77/RF37WSS0.25KW-4
7.4	270	175	20000	5.7	
2.1	960	613	7350	0.85	
2.4	850	542	10100	0.95	
2.8	755	471	10900	1.10	
3.1	655	420	11600	1.25	K 67/RF37WSS0.25KW-4
3.6	575	361	12000	1.45	KF 67/RF37WSS0.25KW-4
4.0	510	323	12400	1.60	KA 67/RF37WSS0.25KW-4
4.7	435	279	12700	1.90	KAF 67/RF37WSS0.25KW-4
5.3	385	246	12900	2.1	
6.0	335	217	13000	2.4	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
3.1	655	421	5750	0.90	
3.6	575	362	7840	1.05	
4.1	505	319	8380	1.20	
4.7	435	280	8720	1.35	
5.3	385	246	8950	1.55	K 57/RF37WSS0.25KW-4
6.1	335	215	9150	1.80	KF 57/RF37WSS0.25KW-4
6.8	300	192	9280	2.0	KA 57/RF37WSS0.25KW-4
7.8	260	166	9430	2.3	KAF 57/RF37WSS0.25KW-4
9.0	225	145	9550	2.7	
10	205	129	9620	2.9	
12	173	111	9720	3.5	
13	152	97	9780	4.0	
4.4	540	154.02	19600	2.9	K 77 WSS0.25KW-8
5.0	475	135.28	19700	3.3	KF 77 WSS0.25KW-8
5.3	450	128.52	19800	3.4	KA 77 WSS0.25KW-8
6.0	400	113.56	19900	3.9	KAF 77 WSS0.25KW-8
4.6	520	192.18	19700	2.8	K 77 WSS0.25KW-6
4.9	485	179.37	19700	3.0	KF 77 WSS0.25KW-6
5.7	420	154.02	19800	3.7	KA 77 WSS0.25KW-6
6.5	365	135.28	19900	4.2	KAF 77 WSS0.25KW-6
5.5	435	123.54	12700	1.90	K 67 WSS0.25KW-8
6.3	380	108.03	12900	2.2	KF 67 WSS0.25KW-8
6.6	360	102.62	12900	2.3	KA 67 WSS0.25KW-8
7.6	315	90.04	13000	2.6	KAF 67 WSS0.25KW-8
6.1	395	144.79	12800	2.1	K 67 WSS0.25KW-6
7.1	335	123.54	13000	2.5	KF 67 WSS0.25KW-6
8.1	395	108.03	13000	2.8	KA 67 WSS0.25KW-6
8.6	280	102.62	13000	3.0	KAF 67 WSS0.25KW-6
9.0	265	144.79	13000	3.1	K 67 WSS0.25KW-4
11	225	123.54	13000	3.6	KF 67 WSS0.25KW-4
12	198	108.03	13000	4.1	KA 67 WSS0.25KW-4
13	189	102.62	13000	4.3	KAF 67 WSS0.25KW-4
6.1	395	145.14	8910	1.50	
7.1	335	123.85	9150	1.80	K 57 WSS0.25KW-6
8.1	295	108.29	9310	2.0	KF 57 WSS0.25KW-6
8.6	280	102.88	9360	2.2	KA 57 WSS0.25KW-6
9.8	245	90.26	9480	2.5	KAF 57 WSS0.25KW-6
11	210	76.56	9610	2.9	
9.0	265	145.14	9410	2.2	
11	225	123.85	9540	2.6	K 57 WSS0.25KW-4
12	199	108.29	9640	3.0	KF 57 WSS0.25KW-4
13	189	102.88	9670	3.2	KA 57 WSS0.25KW-4
14	166	90.26	9740	3.6	KAF 57 WSS0.25KW-4
17	141	76.56	9810	4.3	
6.7	360	131.87	6470	1.10	
7.2	330	121.48	6780	1.20	K 47 WSS0.25KW-6
8.4	285	104.37	7210	1.40	KF 47 WSS0.25KW-6
9.7	245	90.86	7480	1.60	KA 47 WSS0.25KW-6
10	230	85.12	7590	1.75	KAF 47 WSS0.25KW-6
9.9	240	131.87	7510	1.65	K 47 WSS0.25KW-4
11	225	121.48	7640	1.80	KF 47 WSS0.25KW-4
12	192	104.37	7820	2.1	KA 47 WSS0.25KW-4
14	167	90.86	7930	2.4	KAF 47 WSS0.25KW-4
15	156	85.12	7980	2.6	
11	225	83.69	5300	0.90	K 37 WSS0.25KW-6
12	197	72.54	5680	1.00	KF 37 WSS0.25KW-6
13	184	67.80	5810	1.10	KA 37 WSS0.25KW-6
15	159	58.60	6050	1.25	KAF 37 WSS0.25KW-6
18	135	49.79	6230	1.50	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
12	195	106.38	5690	1.00	
13	180	97.81	5860	1.10	
16	154	83.69	6090	1.30	
18	133	72.54	6250	1.50	
19	125	67.80	6230	1.60	
22	108	58.60	6030	1.85	
26	91	49.79	5810	2.2	
29	82	44.46	5650	2.5	
34	70	37.97	5430	2.9	
37	65	35.57	5340	3.1	
43	55	29.96	5100	3.6	K 37 WSS0.25KW-4
45	53	28.83	5050	3.8	KF 37 WSS0.25KW-4
52	46	24.99	4860	4.4	KA 37 WSS0.25KW-4
56	43	23.36	4770	4.6	KAF 37 WSS0.25KW-4
64	37	20.19	4580	5.0	
76	32	17.15	4370	5.7	
85	28	15.31	4230	6.2	
99	24	13.08	4030	6.9	
107	22	12.14	3940	7.2	
124	19	10.49	3780	8.3	
146	16	8.91	3590	9.8	
163	15	7.96	3470	11	
191	13	6.80	3310	12	
204	12	6.37	3240	12	
0.37kW					
0.18	16600	7482	72600	0.80	
0.21	14500	6565	76900	0.90	K 127/RF77WSS0.37KW-4
0.24	12600	5804	79400	1.05	KF 127/RF77WSS0.37KW-4
0.27	11000	5027	80200	1.20	KA 127/RF77WSS0.37KW-4
0.31	9610	4432	80800	1.35	KAF 127/RF77WSS0.37KW-4
0.35	8430	3889	81300	1.55	
0.42	7120	3311	81700	1.85	
0.72	4230	1926	82500	3.1	K 127/RF77WSS0.37KW-4
0.79	3860	1757	82500	3.4	KF 127/RF77WSS0.37KW-4
0.90	3360	1541	82600	3.9	KA 127/RF77WSS0.37KW-4
					KAF 127/RF77WSS0.37KW-4
0.36	8380	3810	65000	0.95	
0.41	7300	3358	65000	1.10	K 107/RF77WSS0.37KW-4
0.46	6510	2977	65000	1.25	KF 107/RF77WSS0.37KW-4
0.53	5690	2599	65000	1.40	KA 107/RF77WSS0.37KW-4
0.60	4970	2286	65000	1.60	KAF 107/RF77WSS0.37KW-4
0.71	4210	1939	65000	1.90	
0.81	3790	1713	65000	2.1	K 107/RF77WSS0.37KW-4
0.89	3440	1554	65000	2.3	KF 107/RF77WSS0.37KW-4
1.0	2950	1336	65000	2.7	KA 107/RF77WSS0.37KW-4
1.2	2580	1166	65000	3.1	KAF 107/RF77WSS0.37KW-4
0.65	4770	2123	40000	0.90	
0.74	4200	1856	40000	1.00	
0.85	3610	1625	40000	1.20	
0.96	3160	1430	40000	1.35	K 97/RF57WSS0.37KW-4
1.1	2850	1261	40000	1.50	KF 97/RF57WSS0.37KW-4
1.2	2490	1102	40000	1.70	KA 97/RF57WSS0.37KW-4
1.4	2160	957	40000	2.0	KAF 97/RF57WSS0.37KW-4
1.6	1930	855	40000	2.2	
1.9	1620	743	40000	2.7	
2.1	1430	652	40000	3.0	
2.4	1280	573	40000	3.4	
0.97	3200	1415	26600	0.85	
1.1	2770	1229	27200	0.95	
1.3	2420	1078	27600	1.10	
1.5	2110	951	27900	1.30	K 87/RF57WSS0.37KW-4
1.6	1850	837	28200	1.45	KF 87/RF57WSS0.37KW-4
1.9	1600	726	28400	1.70	KA 87/RF57WSS0.37KW-4
2.2	1420	638	28500	1.90	KAF 87/RF57WSS0.37KW-4
2.5	1240	562	28600	2.2	
2.9	1040	474	28800	2.6	
3.2	940	426	28800	2.9	
3.7	810	373	28900	3.3	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
1.7	1860	815	10600	0.85	
2.0	1580	709	15200	1.00	
2.2	1380	622	16500	1.10	
2.5	1230	552	17300	1.25	
2.8	1080	485	18000	1.45	
3.2	950	428	18500	1.60	K 77/RF37WSS0.37KW-4
3.8	830	367	18900	1.85	KF 77/RF37WSS0.37KW-4
4.2	735	328	19200	2.1	KA 77/RF37WSS0.37KW-4
4.8	655	290	19400	2.4	KAF 77/RF37WSS0.37KW-4
5.5	565	252	19600	2.8	
6.2	495	221	19700	3.1	
7.1	435	195	19800	3.5	
7.9	390	175	19900	4.0	
9.0	340	154	19900	4.5	
3.3	940	420	9000	0.90	
3.8	820	361	10300	1.00	
4.3	725	323	11100	1.15	
4.9	625	279	11800	1.30	K 67/RF37 WSS0.37KW-4
5.6	550	246	12200	1.50	KF 67/RF37 WSS0.37KW-4
6.3	485	217	12500	1.70	KA 67/RF37 WSS0.37KW-4
7.2	430	191	12700	1.90	KAF 67/RF37 WSS0.37KW-4
8.3	370	166	12900	2.2	
9.6	320	144	13000	2.5	
11	275	122	13000	3.0	
4.9	625	280	7430	0.95	
5.6	550	246	8040	1.10	
6.4	480	215	8520	1.25	
7.2	430	192	8750	1.40	K 57/RF37 WSS0.37KW-4
8.3	370	166	9000	1.60	KF 57/RF37 WSS0.37KW-4
9.6	325	145	9200	1.85	KA 57/RF37 WSS0.37KW-4
11	290	129	9320	2.1	KAF 57/RF37 WSS0.37KW-4
12	245	111	9480	2.4	
14	215	97	9580	2.8	
3.9	910	174.19	28800	3.0	K 87 WSS0.37KW-8
4.1	850	164.34	28900	3.2	KF 87 WSS0.37KW-8
4.6	765	147.32	28900	3.5	KA 87 WSS0.37KW-8
					KAF 87 WSS0.37KW-8
					K 87 WSS0.37KW-6
4.6	775	197.37	28900	3.5	KF 87 WSS0.37KW-6
5.2	685	174.19	28900	4.0	KA 87 WSS0.37KW-6
					KAF 87 WSS0.37KW-6
5.0	705	135.28	19300	2.2	K 77 WSS0.37KW-8
5.3	670	128.52	19300	2.3	KF 77 WSS0.37KW-8
6.0	590	113.56	19500	2.6	KA 77 WSS0.37KW-8
7.0	505	97.05	19700	3.1	KAF 77 WSS0.37KW-8
5.8	605	154.02	19500	2.6	K 77 WSS0.37KW-6
6.7	530	135.28	19600	2.9	KF 77 WSS0.37KW-6
7.0	505	128.52	19700	3.1	KA 77 WSS0.37KW-6
7.9	445	113.56	19800	3.5	KAF 77 WSS0.37KW-6
7.2	490	192.18	19700	3.0	K 77 WSS0.37KW-4
7.7	460	179.37	19800	3.2	KF 77 WSS0.37KW-4
9.0	395	154.02	19900	3.9	KA 77 WSS0.37KW-4
					KAF 77 WSS0.37KW-4
6.3	560	108.03	12100	1.45	K 67 WSS0.37KW-8
6.6	535	102.62	12300	1.55	KF 67 WSS0.37KW-8
7.6	470	90.04	12600	1.75	KA 67 WSS0.37KW-8
					KAF 67 WSS0.37KW-8
7.3	485	123.54	12500	1.70	K 67 WSS0.37KW-6
8.3	425	108.03	12700	1.95	KF 67 WSS0.37KW-6
8.8	405	102.62	12800	2.0	KA 67 WSS0.37KW-6
10	355	90.04	13000	2.3	KAF 67 WSS0.37KW-6
9.5	370	144.79	12900	2.2	
11	315	123.54	13000	2.6	K 67 WSS0.37KW-4
13	275	108.03	13000	3.0	KF 67 WSS0.37KW-4
15	230	90.04	13000	3.6	KA 67 WSS0.37KW-4
18	196	76.37	13000	4.2	KAF 67 WSS0.37KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N・m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
7.3	485	123.85	8490	1.25	
8.3	425	108.29	8770	1.40	K 57 WSS0.37KW-6
8.8	405	102.88	8870	1.50	KF 57 WSS0.37KW-6
10	355	90.26	9070	1.70	KA 57 WSS0.37KW-6
12	300	76.56	9280	2.0	KAF 57 WSS0.37KW-6
13	270	69.12	9390	2.2	
9.5	370	145.14	9000	1.60	
11	315	123.85	9220	1.90	K 57 WSS0.37KW-4
13	275	108.29	9370	2.2	KF 57 WSS0.37KW-4
13	265	102.88	9420	2.3	KA 57 WSS0.37KW-4
15	230	90.26	9530	2.6	KAF 57 WSS0.37KW-4
18	196	76.56	9650	3.1	
20	177	69.12	9700	3.4	
8.6	410	104.37	5490	1.0	K 47 WSS0.37KW-6
9.9	355	90.86	6480	1.10	KF 47 WSS0.37KW-6
11	335	85.12	6730	1.20	KA 47 WSS0.37KW-6
12	295	75.20	7100	1.35	KAF 47 WSS0.37KW-6
10	340	131.87	6690	1.20	K 47 WSS0.37KW-6
11	310	121.48	6960	1.30	KF 47 WSS0.37KW-6
13	265	104.37	7330	1.50	KA 47 WSS0.37KW-6
					KAF 47 WSS0.37KW-6
15	235	90.86	7580	1.70	K 47 WSS0.37KW-4
16	220	85.12	7670	1.85	KF 47 WSS0.37KW-4
18	193	75.20	7810	2.1	KA 47 WSS0.37KW-4
20	179	69.80	7880	2.2	KAF 47 WSS0.37KW-4
22	162	63.30	7960	2.5	
14	250	97.81	2520	0.80	
16	215	83.69	5470	0.95	
19	186	72.54	5690	1.10	
20	174	67.80	5630	1.15	
24	150	58.60	5510	1.35	
28	128	49.79	5350	1.55	
31	114	44.46	5230	1.75	
36	97	37.97	5060	2.1	
39	91	35.57	4990	2.2	
46	77	29.96	4800	2.6	
48	74	28.83	4750	2.7	K 37 WSS0.37KW-4
55	64	24.99	4590	3.1	KF 37 WSS0.37KW-4
59	60	23.36	4510	3.3	KA 37 WSS0.37KW-4
68	52	20.19	4350	3.6	KAF 37 WSS0.37KW-4
80	44	17.15	4160	4.1	
90	39	15.31	4040	4.5	
105	34	13.08	3860	4.9	
114	31	12.14	3780	5.1	
132	27	10.49	3630	5.9	
155	23	8.91	3460	7.0	
176	20	7.96	3350	7.6	
203	17	6.80	3190	8.6	
217	16	6.37	3130	8.9	
257	14	5.36	2970	10	
0.55kW					
0.08	55900	16978	179800	0.90	
0.10	46500	14272	190000	1.10	
0.11	42500	13116	190000	1.20	K 187/RF97WSS0.55KW-4
0.12	37400	11647	190000	1.35	
0.19	23900	7343	190000	2.1	
0.12	38400	11573	150000	0.85	
0.13	33800	10264	150000	0.95	
0.16	28100	8628	150000	1.15	
0.21	21400	6562	150000	1.50	K 167/RF97WSS0.55KW-4
0.25	17200	5355	150000	1.85	
0.33	13200	4079	150000	2.4	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
0.55kW					
0.20	22400	6881	109700	0.80	K 157/RF97WSS0.55KW-4
0.23	19300	5931	111500	0.95	KF 157/RF97WSS0.55KW-4
0.34	13000	3979	114400	1.40	KA 157/RF97WSS0.55KW-4
0.45	9940	3051	115300	1.80	KAF 157/RF97WSS0.55KW-4
0.31	14900	4423	76200	0.85	
0.35	13000	3889	79200	1.00	K 127/RF77WSS0.55KW-4
0.41	11100	3311	80200	1.20	KF 127/RF77WSS0.55KW-4
0.45	10000	3009	80700	1.30	KA 127/RF77WSS0.55KW-4
0.52	8630	2607	81200	1.50	KAF 127/RF77WSS0.55KW-4
0.71	6560	1926	81900	2.0	
0.77	5980	1757	82100	2.2	K 127/RF77WSS0.55KW-4
0.88	5220	1541	82300	2.5	KF 127/RF77WSS0.55KW-4
1.0	4570	1342	82400	2.8	KA 127/RF77WSS0.55KW-4
1.2	3990	1177	82500	3.3	KAF 127/RF77WSS0.55KW-4
1.3	3490	1025	82600	3.7	
0.46	10100	2977	65000	0.80	K 107/RF77WSS0.55KW-4
0.52	8770	2599	65000	0.90	KF 107/RF77WSS0.55KW-4
0.59	7690	2286	65000	1.05	KA 107/RF77WSS0.55KW-4
0.70	6520	1939	65000	1.25	KAF 107/RF77WSS0.55KW-4
0.79	5850	1713	65000	1.35	
0.87	5310	1554	65000	1.50	
1.0	4570	1336	65000	1.75	
1.2	3990	1166	65000	2.0	K 107/RF77WSS0.55KW-4
1.3	3450	1030	65000	2.3	KF 107/RF77WSS0.55KW-4
1.5	3000	904	65000	2.7	KA 107/RF77WSS0.55KW-4
1.7	2700	793	65000	3.0	KAF 107/RF77WSS0.55KW-4
2.0	2360	696	65000	3.4	
2.2	2050	615	65000	3.9	
0.95	4880	1430	40000	0.90	
1.1	4380	1261	40000	1.00	
1.2	3820	1102	40000	1.15	
1.4	3320	957	40000	1.30	
1.6	2960	855	40000	1.45	K 97/RF57WSS0.55KW-4
1.8	2520	743	40000	1.70	KF 97/RF57WSS0.55KW-4
2.1	2220	652	40000	1.95	KA 97/RF57WSS0.55KW-4
2.4	1970	573	40000	2.2	KAF 97/RF57WSS0.55KW-4
2.7	1700	504	40000	2.5	
3.1	1470	437	40000	2.9	
3.6	1300	382	40000	3.3	
4.5	1040	305	40000	4.1	
1.4	3260	951	26500	0.85	
1.6	2860	837	27100	0.95	
1.9	2480	726	27600	1.10	
2.1	2190	638	27900	1.25	
2.4	1920	562	28100	1.40	
2.9	1620	474	28400	1.65	K 87/RF57WSS0.55KW-4
3.2	1450	426	28500	1.85	KF 87/RF57WSS0.55KW-4
3.6	1260	373	28600	2.1	KA 87/RF57WSS0.55KW-4
4.1	1110	330	28700	2.4	KAF 87/RF57WSS0.55KW-4
4.6	990	294	28800	2.7	
5.4	850	250	28900	3.2	
5.8	800	236	28900	3.4	
6.8	680	201	28900	4.0	
2.5	1900	552	5780	0.80	
2.8	1670	485	14500	0.95	
3.2	1470	428	15900	1.05	
3.7	1270	367	17100	1.20	K 77/RF37WSS0.55KW-4
4.2	1130	328	17800	1.35	KF 77/RF37WSS0.55KW-4
4.7	1000	290	18300	1.55	KA 77/RF37WSS0.55KW-4
5.4	870	252	18800	1.80	KAF 77/RF37WSS0.55KW-4
6.2	760	221	19100	2.0	
7.0	670	195	19300	2.3	
7.8	600	175	19500	2.6	
8.8	530	154	19600	2.9	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
0.55kW					
4.9	960	279	7360	0.85	
5.5	840	246	10100	0.95	
6.2	745	217	10900	1.10	K 67/RF37WSS0.55KW-4
7.1	660	191	11500	1.25	KF 67/RF37WSS0.55KW-4
8.2	570	166	12100	1.45	KA 67/RF37WSS0.55KW-4
9.4	495	144	12400	1.65	KAF 67/RF37WSS0.55KW-4
11	420	122	12700	1.95	
7.1	660	192	5180	0.90	
8.2	575	166	7850	1.05	K 57/RF37 WSS0.55KW-4
9.4	495	145	8430	1.20	KF 57/RF37 WSS0.55KW-4
11	445	129	8680	1.35	KA 57/RF37 WSS0.55KW-4
12	380	111	8970	1.60	KAF 57/RF37 WSS0.55KW-4
14	335	97	9150	1.80	
3.9	1350	174.19	28600	2.0	K 87 WSS0.55KW-8
4.1	1270	164.34	28600	2.1	KF 87 WSS0.55KW-8
4.6	1140	147.32	28700	2.4	KA 87 WSS0.55KW-8
					KAF 87 WSS0.55KW-8
4.6	1150	197.37	28700	2.3	K 87 WSS0.55KW-6
5.2	1020	174.19	28800	2.7	KF 87 WSS0.55KW-6
5.5	960	164.34	28800	2.8	KA 87 WSS0.55KW-6
6.1	860	147.32	28900	3.1	KAF 87 WSS0.55KW-6
5.0	1040	135.28	18100	1.50	K 77 WSS0.55KW-8
5.3	990	128.52	18300	1.55	KF 77 WSS0.55KW-8
6.0	880	113.56	18700	1.75	KA 77 WSS0.55KW-8
7.0	750	97.05	19100	2.1	KAF 77 WSS0.55KW-8
5.8	900	154.02	18700	1.70	K 77 WSS0.55KW-6
6.7	790	135.28	19000	1.95	KF 77 WSS0.55KW-6
7.0	750	128.52	19100	2.1	KA 77 WSS0.55KW-6
7.9	665	113.56	19400	2.3	KAF 77 WSS0.55KW-6
8.8	595	154.02	19500	2.6	
10	520	135.28	19700	3.0	K 77 WSS0.55KW-4
11	495	128.52	19700	3.1	KF 77 WSS0.55KW-4
12	440	113.56	19800	3.5	KA 77 WSS0.55KW-4
14	375	97.05	19900	4.1	KAF 77 WSS0.55KW-4
7.3	720	123.54	11100	1.15	
8.3	630	108.03	11700	1.30	K 67 WSS0.55KW-6
8.8	600	102.62	11900	1.35	KF 67 WSS0.55KW-6
10	525	90.04	12300	1.55	KA 67 WSS0.55KW-6
12	445	76.37	12600	1.85	KAF 67 WSS0.55KW-6
11	475	123.54	12500	1.70	K 67 WSS0.55KW-4
13	415	108.03	12800	1.95	KF 67 WSS0.55KW-4
15	350	90.04	13000	2.4	KA 67 WSS0.55KW-4
18	295	76.37	13000	2.8	KAF 67 WSS0.55KW-4
8.3	630	108.29	7360	0.95	
8.8	600	102.88	7630	1.00	
10	525	90.26	8220	1.15	K 57 WSS0.55KW-6
12	445	76.56	8670	1.35	KF 57 WSS0.55KW-6
13	405	69.12	8870	1.50	KA 57 WSS0.55KW-6
15	355	60.81	9070	1.70	KAF 57 WSS0.55KW-6
16	335	57.42	9150	1.80	
11	480	123.85	8520	1.25	
13	420	108.29	8800	1.45	
13	395	102.88	8890	1.50	K 57 WSS0.55KW-4
15	350	90.26	9100	1.70	KF 57 WSS0.55KW-4
18	295	76.56	9300	2.0	KA 57 WSS0.55KW-4
20	265	69.12	9410	2.2	KAF 57 WSS0.55KW-4
22	235	60.81	9520	2.6	
24	220	57.42	9560	2.7	
13	405	104.37	5880	1.00	K 47 WSS0.55KW-4
15	350	90.86	6550	1.15	KF 47 WSS0.55KW-4
16	330	85.12	6790	1.20	KA 47 WSS0.55KW-4
18	290	75.20	7150	1.40	KAF 47 WSS0.55KW-4
19	270	69.84	7310	1.50	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
0.55kW					
21	245	63.30	7500	1.65	K 47 WSS0.55KW-4
24	220	56.83	7660	1.80	KF 47 WSS0.55KW-4
28	189	48.95	7830	2.1	KA 47 WSS0.55KW-4
30	178	46.03	7880	2.2	KAF 47 WSS0.55KW-4
23	225	58.60	4850	0.90	
27	192	49.79	4790	1.05	
31	172	44.46	4740	1.15	
36	147	37.97	4640	1.35	
38	137	35.57	4600	1.45	
45	116	29.96	4470	1.75	
47	11	28.83	4440	1.80	
54	97	24.99	4320	2.1	
58	90	23.36	4260	2.2	K 37 WSS0.55KW-4
67	78	20.19	4130	2.4	KF 37 WSS0.55KW-4
79	66	17.15	3980	2.7	KA 37 WSS0.55KW-4
89	59	15.31	3880	3.0	KAF 37 WSS0.55KW-4
104	54	13.08	3730	3.3	
112	47	12.14	3660	3.4	
130	41	10.49	3520	4.0	
153	34	8.91	3370	4.7	
171	31	7.96	3270	5.1	
200	26	6.80	3130	5.7	
214	25	6.37	3070	5.9	
254	21	5.36	2920	6.8	
0.75kW					
0.11	58400	13116	175300	0.85	
0.12	51500	11647	187300	0.95	
0.19	32800	7343	190000	1.50	K 187/RF97WSS0.75KW-4
0.20	30000	6747	190000	1.65	
0.23	26500	5991	190000	1.90	
0.16	38600	8628	150000	0.85	
0.21	29300	6562	150000	1.10	
0.26	23700	5355	150000	1.35	K 167/RF97WSS0.75KW-4
0.34	18200	4079	150000	1.75	
0.41	15100	3376	150000	2.1	
0.35	17800	3979	112300	1. 00	K 157/RF97WSS0.75KW-4 KF 157/RF97WSS0.75KW-4
0.45	13600	3051	114100	1. 30	KA 157/RF97WSS0.75KW-4 KAF157/RF97WSS0.75KW-4
0.83	7440	1659	115900	2.4	K 157/RF97WSS0.75KW-4 KF 157/RF97WSS0.75KW-4
1.0	6040	1365	116200	3.0	KA 157/RF97WSS0.75KW-4 KAF157/RF97WSS0.75KW-4
0.42	15100	3311	75800	0.85	K 127/RF77WSS0.75KW-4
0.46	13700	3009	78600	0.95	KF 127/RF77WSS0.75KW-4
0.53	11800	2607	79800	1.10	KA 127/RF77WSS0.75KW-4 KAF127/RF77WSS0.75KW-4
0.72	8930	1926	81100	1.45	
0.79	8150	1757	81400	1.60	K 127/RF77WSS0.75KW-4
0.90	7120	1541	81700	1.85	KF 127/RF77WSS0.75KW-4
1.0	6220	1342	82000	2.1	KA 127/RF77WSS0.75KW-4
1.2	5440	1177	82200	2.4	KAF127/RF77WSS0.75KW-4
1.4	4750	1025	82400	2.7	
1.5	4150	899	82500	3.1	
0.81	7960	1713	65000	1.00	
0.89	7230	1554	65000	1.10	
1.0	6210	1336	65000	1.30	K 107/RF77WSS0.75KW-4
1.2	5420	1166	65000	1.50	KF 107/RF77WSS0.75KW-4
1.3	4710	1030	65000	1.70	KA 107/RF77WSS0.75KW-4
1.5	4120	904	65000	1.95	KAF107/RF77WSS0.75KW-4
1.7	3680	793	65000	2.2	
2.0	3210	696	65000	2.5	
2.2	2800	615	65000	2.8	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
0.75kW					
1.2	5180	1102	39700	0.85	
1.4	4490	957	40000	0.95	
1.6	4020	855	40000	1.05	
1.9	3430	743	40000	1.25	K 97/RF57 WSS0.75KW-4
2.1	3020	652	40000	1.40	KF 97/RF57 WSS0.75KW-4
2.4	2680	573	40000	1.60	KA 97/RF57 WSS0.75KW-4
2.7	2320	504	40000	1.85	KAF 97/RF57 WSS0.75KW-4
3.2	2010	437	40000	2.1	
3.6	1770	382	40000	2.4	
4.5	1420	305	40000	3.0	
5.4	1190	258	40000	3.6	
5.9	1080	232	40000	4.0	
6.9	920	199	40000	4.7	
1.9	3370	726	26300	0.80	
2.2	2970	638	26900	0.90	
2.5	2610	562	27400	1.05	
2.9	2200	474	27900	1.25	K 87/RF57WSS0.75KW-4
3.2	1980	426	28100	1.35	KF 87/RF57WSS0.75KW-4
3.7	1720	373	28300	1.55	KA 87/RF57WSS0.75KW-4
4.2	1520	330	28500	1.80	KAF 87/RF57WSS0.75KW-4
4.7	1350	294	28600	2.0	
5.5	1160	250	28700	2.3	
5.8	1100	236	28700	2.5	
6.9	930	201	28800	2.9	
3.8	1720	367	14000	0.90	
4.2	1540	328	15500	1.00	K 77/RF37WSS0.75KW-4
4.8	1360	290	16600	1.15	KF 77/RF37WSS0.75KW-4
5.5	1180	252	17500	1.30	KA 77/RF37WSS0.75KW-4
6.2	1030	221	18200	1.50	KAF77/RF37WSS0.75KW-4
3.9	1830	176.05	40000	2.3	K 97 WSS0.75KW-8
4.5	1590	153.21	40000	2.7	KF 97 WSS0.75KW-8
4.9	1460	140.28	40000	3.0	KA 97 WSS0.75KW-8
					KAF 97 WSS0.75KW-8
4.7	1530	147.32	28500	1.75	K 87 WSS0.75KW-8
5.4	1320	126.91	28600	2.0	KF 87 WSS0.75KW-8
6.0	1200	115.82	28700	2.2	KA 87 WSS0.75KW-8
6.7	1070	102.71	28700	2.5	KAF 87 WSS0.75KW-8
5.2	1390	174.19	28600	1.95	K 87 WSS0.75KW-6
5.5	1310	164.34	28600	2.1	KF 87 WSS0.75KW-6
6.1	1170	147.32	28700	2.3	KA 87 WSS0.75KW-6
7.1	1010	126.91	28800	2.7	KAF 87 WSS0.75KW-6
7.0	1020	197.37	28800	2.6	K 87 WSS0.75KW-4
7.9	900	174.19	28800	3.0	KF 87 WSS0.75KW-4
8.4	850	164.34	28900	3.2	KA 87 WSS0.75KW-4
9.4	765	147.32	28900	3.5	KAF 87 WSS0.75KW-4
6.7	1080	135.28	18000	1.45	
7.0	1020	128.52	18200	1.50	K 77 WSS0.75KW-6
7.9	900	113.56	18700	1.70	KF 77 WSS0.75KW-6
9.3	770	97.05	19100	2.0	KA 77 WSS0.75KW-6
10	710	88.97	19200	2.2	KAF 77 WSS0.75KW-6
9.0	800	154.02	19000	1.95	
10	700	135.28	19300	2.2	K 77 WSS0.75KW-4
11	665	128.52	19300	2.3	KF 77 WSS0.75KW-4
12	590	113.56	19500	2.6	KA 77 WSS0.75KW-4
14	505	97.05	19700	3.1	KAF 77 WSS0.75KW-4
11	640	123.54	11700	1.30	K 67 WSS0.75KW-4
13	560	108.03	12100	1.45	KF 67 WSS0.75KW-4
15	465	90.04	12600	1.75	KA 67 WSS0.75KW-4
					KAF 67 WSS0.75KW-4
18	395	76.37	12800	2.1	K 67 WSS0.75KW-4
20	362	68.95	13000	2.3	KF 67 WSS0.75KW-4
23	315	60.66	13000	2.6	KA 67 WSS0.75KW-4
24	295	57.28	13000	2.8	KAF 67 WSS0.75KW-4

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
11	645	123.85	7130	0.95	
13	560	108.29	7940	1.05	
13	535	102.88	8160	1.10	
15	470	90.26	8570	1.30	K 57 WSS0.75KW-4
18	395	76.56	8890	1.50	KF 57 WSS0.75KW-4
20	360	69.12	9060	1.65	KA 57 WSS0.75KW-4
23	315	60.81	9230	1.90	KAF 57 WSS0.75KW-4
24	300	57.42	9290	2.0	
28	255	48.89	9450	2.4	
31	230	44.43	9530	2.6	
18	390	75.20	6060	1.00	K 47 WSS0.75KW-4
20	365	69.84	6410	1.10	KF 47 WSS0.75KW-4
22	330	63.30	6790	1.20	KA 47 WSS0.75KW-4
					KAF 47 WSS0.75KW-4
24	295	56.83	7110	1.35	
28	255	48.95	7430	1.55	K 47 WSS0.75KW-4
30	240	46.03	7540	1.65	KF 47 WSS0.75KW-4
35	205	39.61	7740	1.95	KA 47 WSS0.75KW-4
39	184	35.39	7760	2.2	KAF 47 WSS0.75KW-4
44	162	31.30	7550	2.5	
31	230	44.46	4170	0.85	
36	197	37.97	4150	1.00	
39	185	35.57	4140	1.10	
46	156	29.96	4080	1.30	
48	150	28.83	4060	1.35	
55	130	24.99	3990	1.55	
59	121	23.36	3950	1.60	
68	105	20.19	3860	1.75	K 37 WSS0.75KW-4
80	89	17.15	3750	2.0	KF 37 WSS0.75KW-4
90	80	15.31	3670	2.2	KA 37 WSS0.75KW-4
105	68	13.08	3550	2.4	KAF 37 WSS0.75KW-4
114	63	12.14	3500	2.5	
132	54	10.49	3380	2.9	
155	46	8.91	3250	3.5	
173	41	7.96	3160	3.8	
203	35	6.80	3030	4.2	
217	33	6.37	2980	4.4	
257	28	5.36	2840	5.0	
1.1kW					
0.15	60700	9363	171000	0.80	
0.17	52400	8126	185900	0.95	
0.19	48300	7343	190000	1.05	K 187/RF97 WSS1.1KW-4
0.21	44300	6747	190000	1.15	
0.23	39200	5991	190000	1.30	
0.26	34900	5358	190000	1.45	
0.29	31200	4871	190000	1.60	
0.32	28300	4370	190000	1.80	
0.26	35000	5355	150000	0.90	
0.29	31200	4788	150000	1.05	
0.34	26800	4079	150000	1.20	K 167/RF97 WSS1.1KW-4
0.41	22200	3376	150000	1.45	
0.51	18000	2755	150000	1.80	
0.64	14600	2182	150000	2.2	
0.82	11300	1704	150000	2.8	K 167/RF97 WSS1.1KW-4
0.99	9330	1408	150000	3.4	
1.1	8560	1296	150000	3.7	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
0.40	22900	3516	109300	0.80	K 157/RF97 WSS1.1KW-4
0.46	20100	3051	111100	0.90	KF 157/RF97 WSS1.1KW-4
0.54	16900	2610	112700	1.05	KA 157/RF97 WSS1.1KW-4
0.60	15100	2322	113500	1.20	KAF 157/RF97 WSS1.1KW-4
0.84	11000	1659	115000	1.65	
1.0	8970	1365	115600	2.0	K 157/RF97 WSS1.1KW-4
1.1	8030	1229	115800	2.2	KF 157/RF97 WSS1.1KW-4
1.3	7150	1093	116000	2.5	KA 157/RF97 WSS1.1KW-4
1.5	6160	942	116100	2.9	KAF 157/RF97 WSS1.1KW-4
1.6	5550	854	116200	3.2	
0.73	13100	1926	79100	1.00	
0.80	11900	1757	79800	1.10	
0.91	10400	1541	80500	1.25	
1.0	9100	1342	81100	1.45	
1.2	7960	1177	81500	1.65	K 127/RF77 WSS1.1KW-4
1.4	6950	1025	81800	1.85	KF 127/RF77 WSS1.1KW-4
1.6	6080	899	82000	2.1	KA 127/RF77 WSS1.1KW-4
1.8	5270	790	82200	2.5	KAF 127/RF77 WSS1.1KW-4
2.0	4740	704	82400	2.7	
2.3	4090	610	82500	3.2	
2.5	3690	549	82500	3.5	
2.9	3180	477	82600	4.1	
1.2	7920	1166	65000	1.00	
1.4	6920	1030	65000	1.15	
1.5	6050	904	65000	1.30	
1.8	5380	793	65000	1.50	K 107/RF77 WSS1.1KW-4
2.0	4700	696	65000	1.70	KF 107/RF77 WSS1.1KW-4
2.3	4120	615	65000	1.95	KA 107/RF77 WSS1.1KW-4
2.7	3500	522	65000	2.3	KAF 107/RF77 WSS1.1KW-4
3.0	3080	461	65000	2.6	
3.4	2720	408	65000	2.9	
3.8	2450	364	65000	3.3	
4.4	2140	318	65000	3.7	
1.9	5030	743	39900	0.85	
2.2	4420	652	40000	0.95	
2.4	3910	573	40000	1.10	K 97/RF57 WSS1.1KW-4
2.8	3400	504	40000	1.25	KF 97/RF57 WSS1.1KW-4
3.2	2940	437	40000	1.45	KA 97/RF57 WSS1.1KW-4
3.7	2590	382	40000	1.65	KAF 97/RF57 WSS1.1KW-4
4.1	2300	342	40000	1.85	
3.0	3220	474	26600	0.85	
3.3	2890	426	27000	0.95	
3.8	2520	373	27500	1.05	K 87/RF57 WSS1.1KW-4
4.2	2230	330	27800	1.20	KF 87/RF57 WSS1.1KW-4
4.8	1980	294	28100	1.35	KA 87/RF57 WSS1.1KW-4
5.6	1700	250	28300	1.60	KAF 87/RF57 WSS1.1KW-4
5.9	1600	236	28400	1.70	
7.0	1360	201	28600	2.0	
3.9	2720	176.05	40000	1.60	K 97 WSS1.1KW-8
4.4	2370	153.21	40000	1.80	KF 97 WSS1.1KW-8
4.8	2170	140.28	40000	2.0	KA 97 WSS1.1KW-8
5.5	1910	123.93	40000	2.2	KAF 97 WSS1.1KW-8
5.2	2010	176.05	40000	2.1	K 97 WSS1.1KW-6
6.0	1750	153.21	40000	2.5	KF 97 WSS1.1KW-6
6.6	1600	140.28	40000	2.7	KA 97 WSS1.1KW-6
7.4	1420	123.93	40000	3.0	KAF 97 WSS1.1KW-6
7.9	1320	176.05	40000	3.3	K 97 WSS1.1KW-4
9.1	1150	153.21	40000	3.7	KF 97 WSS1.1KW-4
10	1050	140.28	40000	4.1	KA 97 WSS1.1KW-4
					KAF 97 WSS1.1KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
5.3	1990	174.19	28100	1.35	K 87 WSS1.1KW-6
5.6	1880	164.34	28200	1.45	KF 87 WSS1.1KW-6
6.2	1680	147.32	28300	1.60	KA 87 WSS1.1KW-6
7.2	1450	126.91	28500	1.85	KAF 87 WSS1.1KW-6
8.0	1310	174.19	28600	2.1	
8.5	1230	164.34	28700	2.2	K 87 WSS1.1KW-4
9.5	1110	147.32	28700	2.4	KF 87 WSS1.1KW-4
11	950	126.91	28800	2.8	KA 87 WSS1.1KW-4
12	870	115.82	28800	3.1	KAF 87 WSS1.1KW-4
6.8	1540	135.28	15400	1.00	K 77 WSS1.1KW-6
7.2	1470	128.52	15900	1.05	KF 77 WSS1.1KW-6
8.1	1300	113.56	17000	1.20	KA 77 WSS1.1KW-6
9.5	1110	97.05	17900	1.40	KAF 77 WSS1.1KW-6
10	1020	135.28	18300	1.55	K 77 WSS1.1KW-4
11	960	128.52	18400	1.60	KF 77 WSS1.1KW-4
12	850	113.56	18800	1.80	KA 77 WSS1.1KW-4
					KAF 77 WSS1.1KW-4
14	730	97.05	19200	2.1	K 77 WSS1.1KW-4
16	670	88.97	19300	2.3	KF 77 WSS1.1KW-4
18	585	78.07	19500	2.7	KA 77 WSS1.1KW-4
19	555	73.99	19600	2.8	KAF 77 WSS1.1KW-4
13	810	108.03	10400	1.00	
14	770	102.62	10700	1.05	K 67 WSS1.1KW-4
16	675	90.04	11400	1.20	KF 67 WSS1.1KW-4
18	575	76.37	12000	1.45	KA 67 WSS1.1KW-4
20	515	68.95	12300	1.60	KAF 67 WSS1.1KW-4
23	455	60.66	12600	1.80	
24	430	57.28	12700	1.90	K 67 WSS1.1KW-4
29	365	48.77	12900	2.2	KF 67 WSS1.1KW-4
32	335	44.32	13000	2.5	KA 67 WSS1.1KW-4
36	290	38.39	13000	2.8	KAF 67 WSS1.1KW-4
16	675	90.26	2410	0.90	
18	575	76.56	7840	1.05	
20	520	69.12	8280	1.15	
23	455	60.81	8630	1.30	
24	430	57.42	8750	1.40	K 57 WSS1.1KW-4
29	365	48.89	9020	1.65	KF 57 WSS1.1KW-4
32	335	44.43	9160	1.80	KA 57 WSS1.1KW-4
36	290	38.49	9330	2.1	KAF 57 WSS1.1KW-4
39	270	35.70	9400	2.2	
46	225	30.28	9540	2.6	
51	205	27.34	9510	2.9	
58	181	24.05	9220	3.3	
62	170	22.71	9090	3.5	
72	145	19.34	8720	4.0	
80	132	17.57	8510	4.2	
92	114	15.22	8180	4.7	
106	99	13.25	7880	5.1	K 57 WSS1.1KW-4
117	90	11.92	7570	4.6	KF 57 WSS1.1KW-4
124	85	11.26	7450	4.9	KA 57 WSS1.1KW-4
146	72	9.59	7120	5.6	KAF 57 WSS1.1KW-4
161	65	8.71	6930	6.0	
186	57	7.55	6650	6.4	
213	49	6.57	6380	7.0	
25	425	56.83	3310	0.95	K 47 WSS1.1KW-4
29	365	48.95	6360	1.10	KF 47 WSS1.1KW-4
30	345	46.03	6610	1.15	KA 47 WSS1.1KW-4
					KAF 47 WSS1.1KW-4
35	295	39.61	7090	1.35	
40	265	35.39	7090	1.50	
45	235	31.30	6960	1.70	K 47 WSS1.1KW-4
48	220	29.32	6890	1.80	KF 47 WSS1.1KW-4
54	194	25.91	6730	2.1	KA 47 WSS1.1KW-4
64	164	21.81	6510	2.4	KAF 47 WSS1.1KW-4
72	147	19.58	6360	2.7	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
47	225	29.96	3420	0.90	
56	188	24.99	3440	1.05	
60	175	23.36	3440	1.10	
69	152	20.19	3420	1.20	
82	129	17.15	3370	1.40	
91	115	15.31	3330	1.50	K 37 WSS1.1KW-4
107	98	13.08	3260	1.70	KF 37 WSS1.1KW-4
115	91	12.14	3220	1.75	KA 37 WSS1.1KW-4
133	79	10.49	3140	2.0	KAF 37 WSS1.1KW-4
157	67	8.91	3040	2.4	
176	60	7.96	2970	2.6	
206	51	6.80	2870	2.9	
220	48	6.37	2830	3.0	
261	40	5.36	2720	3.5	
1.5kW					
0.21	60700	6747	171100	0.80	
0.24	53700	5991	183600	0.95	
0.26	47900	5358	190000	1.05	K 187/RF97 WSS1.5KW-8
0.29	42900	4817	190000	1.15	
0.32	38900	4370	190000	1.30	
0.39	33000	3609	190000	1.50	
0.46	27800	3062	190000	1.80	K 187/RF97 WSS1.5KW-8
0.56	22800	2519	190000	2.2	
0.62	20400	2268	190000	2.5	
0.35	36700	4079	150000	0.85	
0.42	30400	3376	150000	1.05	K 167/RF97 WSS1.5KW-8
0.51	24700	2755	150000	1.30	
0.65	19900	2182	150000	1.60	
0.83	15500	1704	150000	2.1	
1.0	12800	1408	150000	2.5	K 167/RF97 WSS1.5KW-8
1.1	11800	1296	150000	2.7	
0.61	20700	2322	150000	1.85	K 157/RF97 WSS1.5KW-4
					KF 157/RF97 WSS1.5KW-4
					KA 157/RF97 WSS1.5KW-4
					KAF 157/RF97 WSS1.5KW-4
0.85	15100	1659	113500	1.20	
1.0	12300	1365	114600	1.45	
1.1	11100	1229	115000	1.65	
1.3	9840	1093	115300	1.85	K 157/RF97 WSS1.5KW-4
1.5	8480	942	115700	2.1	KF 157/RF97 WSS1.5KW-4
1.6	7650	854	115900	2.3	KA 157/RF97 WSS1.5KW-4
2.5	5050	567	116300	3.6	KAF 157/RF97 WSS1.5KW-4
2.8	4490	504	116400	4.0	
2.6	4820	536	82300	2.7	K 127/RF87 WSS1.5KW-4
3.4	3770	418	82500	3.5	KF 127/RF87 WSS1.5KW-4
3.8	3330	367	82600	3.9	KA 127/RF87 WSS1.5KW-4
					KAF 127/RF87 WSS1.5KW-4
0.80	16200	1757	73400	0.80	
0.91	14200	1541	77500	0.90	
1.0	12400	1342	79500	1.05	
1.2	10900	1177	80300	1.20	
1.4	9470	1025	80900	1.35	K 127/RF77 WSS1.5KW-4
1.6	8300	899	81400	1.55	KF 127/RF77 WSS1.5KW-4
1.8	7210	790	81700	1.80	KA 127/RF77 WSS1.5KW-4
2.0	6480	704	81900	2.0	KAF 127/RF77 WSS1.5KW-4
2.3	5590	610	82200	2.3	
2.6	5040	549	82300	2.6	
3.0	4360	477	82400	3.0	
3.4	3840	418	82500	3.4	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
1.4	9460	1030	65000	0.80	
1.6	8280	904	65000	0.95	
1.8	7330	793	65000	1.10	
2.0	6420	696	65000	1.25	K 107/RF77WSS1.5KW-4
2.3	5640	615	65000	1.40	KF 107/RF77WSS1.5KW-4
2.7	4780	522	65000	1.65	KA 107/RF77WSS1.5KW-4
3.1	4210	461	65000	1.90	KAF107/RF77WSS1.5KW-4
3.5	3720	408	65000	2.2	
3.9	3350	364	65000	2.4	
4.4	2920	318	65000	2.7	
2.5	5320	573	39500	0.80	
2.8	4650	504	40000	0.95	
3.2	4020	437	40000	1.05	K 97/RF57WSS1.5KW-4
3.7	3540	382	40000	1.20	KF 97/RF57WSS1.5KW-4
4.1	3140	342	40000	1.35	KA 97/RF57WSS1.5KW-4
4.6	2820	305	40000	1.50	KAF 97/RF57WSS1.5KW-4
5.5	2380	258	40000	1.80	
6.1	2140	232	40000	2.0	
7.1	1840	199	40000	2.3	
4.3	3040	330	26800	0.90	
4.8	2700	294	27300	1.00	K 87/RF57WSS1.5KW-4
5.6	2310	250	27700	1.15	KF 87/RF57WSS1.5KW-4
6.0	2180	236	27900	1.25	KA 87/RF57WSS1.5KW-4
7.0	1860	201	28200	1.45	KAF 87/RF57WSS1.5KW-4
7.7	1690	183	28300	1.60	
4.9	2940	143.47	65000	2.7	K 107 WSS1.5KW-8
5.8	2490	121.46	65000	3.2	KF 107 WSS1.5KW-8
6.2	2300	112.41	65000	3.5	KA 107 WSS1.5KW-8
					KAF 107 WSS1.5KW-8
4.6	3140	153.21	40000	1.35	K 97 WSS1.5KW-8
5.0	2870	140.28	40000	1.50	KF 97 WSS1.5KW-8
5.7	2540	123.93	40000	1.70	KA 97 WSS1.5KW-8
					KAF 97 WSS1.5KW-8
5.2	2740	176.05	40000	1.55	K 97 WSS1.5KW-6
6.0	2390	153.21	40000	1.80	KF 97 WSS1.5KW-6
6.6	2180	140.28	40000	1.95	KA 97 WSS1.5KW-6
7.4	1930	123.93	40000	2.2	KAF 97 WSS1.5KW-6
8.0	1790	176.05	40000	2.4	K 97 WSS1.5KW-4
9.2	1560	153.21	40000	2.8	KF 97 WSS1.5KW-4
10	1430	140.28	40000	3.0	KA 97 WSS1.5KW-4
11	1260	123.93	40000	3.4	KAF 97 WSS1.5KW-4
6.2	2290	147.32	27800	1.20	K 87 WSS1.5KW-6
7.2	1980	126.91	28100	1.35	KF 87 WSS1.5KW-6
7.9	1800	115.82	28200	1.50	KA 87 WSS1.5KW-6
9.0	1600	102.71	28400	1.70	KAF 87 WSS1.5KW-6
8.1	1770	174.19	28300	1.55	
8.6	1670	164.34	28300	1.60	
9.6	1500	147.32	28500	1.80	K 87 WSS1.5KW-4
11	1290	126.91	28600	2.1	KF 87 WSS1.5KW-4
12	1180	115.82	28700	2.3	KA 87 WSS1.5KW-4
14	1040	102.71	28800	2.6	KAF 87 WSS1.5KW-4
16	880	86.34	28800	3.1	
8.1	1770	113.56	13600	0.90	K 77 WSS1.5KW-6
9.5	1510	97.05	15700	1.05	KF 77 WSS1.5KW-6
10	1390	88.97	16400	1.10	KA 77 WSS1.5KW-6
12	1220	78.07	17400	1.30	KAF 77 WSS1.5KW-6
10	1370	135.28	16500	1.15	K 77 WSS1.5KW-4
11	1310	128.52	16900	1.20	KF 77 WSS1.5KW-4
12	1150	113.56	17700	1.35	KA 77 WSS1.5KW-4
15	990	97.05	18400	1.55	KAF 77 WSS1.5KW-4
16	900	88.97	18700	1.70	
18	795	78.07	19000	1.95	
19	750	73.99	19100	2.1	K 77 WSS1.5KW-4
22	660	64.75	19400	2.4	KF 77 WSS1.5KW-4
24	595	58.34	19500	2.6	KA 77 WSS1.5KW-4
28	520	51.18	19700	3.0	KAF 77 WSS1.5KW-4
31	460	45.16	19800	3.4	
35	405	40.04	19800	3.8	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
16	910	90.04	9370	0.90	K 67 WSS1.5KW-4
18	775	76.37	10700	1.05	KF 67 WSS1.5KW-4
20	700	68.95	11300	1.15	KA 67 WSS1.5KW-4
23	615	60.66	11800	1.35	KAF 67 WSS1.5KW-4
25	580	57.28	12000	1.40	
29	495	48.77	12400	1.65	
32	450	44.32	12600	1.80	
37	390	38.39	12800	2.0	K 67 WSS1.5KW-4
40	360	35.62	12900	2.3	KF 67 WSS1.5KW-4
47	305	30.22	13000	2.7	KA 67 WSS1.5KW-4
52	275	27.28	13000	3.0	KAF 67 WSS1.5KW-4
59	245	24.00	13000	3.3	
23	620	60.81	7480	0.95	K 57 WSS1.5KW-4
25	685	57.42	7770	1.05	KF 57 WSS1.5KW-4
29	495	48.89	8430	1.20	KA 57 WSS1.5KW-4
32	450	44.43	8650	1.35	KAF 57 WSS1.5KW-4
37	390	38.49	8920	1.55	
39	365	35.70	9040	1.65	
47	310	30.28	9190	1.95	K 57 WSS1.5KW-4
52	280	27.34	9010	2.2	KF 57 WSS1.5KW-4
59	245	24.05	8780	2.5	KA 57 WSS1.5KW-4
62	230	22.71	8670	2.6	KAF 57 WSS1.5KW-4
73	196	19.34	8360	2.9	
36	400	39.61	5890	1.00	K 47 WSS1.5KW-4
40	360	35.39	6360	1.10	KF 47 WSS1.5KW-4
45	320	31.30	6310	1.25	KA 47 WSS1.5KW-4
					KAF 47 WSS1.5KW-4
48	300	29.32	6270	1.35	
54	265	25.91	6190	1.50	
65	220	21.81	6050	1.80	K 47 WSS1.5KW-4
72	199	19.58	5950	2.0	KF 47 WSS1.5KW-4
84	171	16.86	5800	2.2	KA 47 WSS1.5KW-4
89	161	15.86	5730	2.4	KAF 47 WSS1.5KW-4
103	139	13.65	5560	2.6	
116	124	12.19	5430	2.8	
120	120	11.17	5340	2.3	
60	235	23.36	2860	0.80	
70	205	20.19	2920	0.90	
82	174	17.15	2940	1.05	
92	156	15.31	2950	1.10	K 37 WSS1.5KW-4
108	133	13.08	2930	1.25	KF 37 WSS1.5KW-4
116	123	12.14	2920	1.30	KA 37 WSS1.5KW-4
134	107	10.49	2880	1.50	KAF 37 WSS1.5KW-4
158	91	8.91	2820	1.75	
177	81	7.96	2770	1.90	
207	69	6.80	2700	2.2	
221	65	6.37	2670	2.2	
263	55	5.36	2580	2.6	
2.2kW					
0.32	57900	4370	176200	0.85	K 187/RF97 WSS2.2KW-4
0.50	37000	2818	190000	1.35	
0.39	48800	3609	190000	1.00	
0.46	41300	3062	190000	1.20	
0.56	33800	2519	190000	1.50	
0.62	30400	2268	190000	1.65	K 187/RF97 WSS2.2KW-4
0.69	27400	2054	190000	1.80	
0.77	24200	1821	190000	2.1	
0.88	21400	1605	190000	2.3	
0.51	36600	2755	150000	0.85	K 167/RF97 WSS2.2KW-4
0.62	29800	2263	150000	1.05	
0.65	29500	2182	150000	1.10	
0.83	22900	1704	150000	1.40	
1.0	19000	1408	150000	1.70	K 167/RF97 WSS2.2KW-4
1.1	17400	1296	150000	1.85	
1.3	14700	1101	150000	2.2	
1.5	12600	944	150000	2.5	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
2.2kW					
0.85	22400	1659	109700	0.80	
1.0	18300	1365	112000	1.00	
1.1	16500	1229	112900	1.10	K 157/RF97WSS2.2KW-4
1.3	14600	1093	113700	1.25	KF 157/RF97WSS2.2KW-4
1.5	12600	942	114500	1.45	KA 157/RF97WSS2.2KW-4
1.6	11400	854	114900	1.60	KAF157/RF97WSS2.2KW-4
1.9	9990	756	115300	1.80	
2.6	7180	536	81700	1.80	K 127/RF87WSS2.2KW-4
3.0	6310	473	82000	2.1	KF 127/RF87WSS2.2KW-4
3.4	5600	418	82200	2.3	KA 127/RF87WSS2.2KW-4
3.8	4950	367	82300	2.6	KAF127/RF87WSS2.2KW-4
4.3	4440	330	82400	2.9	
1.4	14000	1025	78000	0.95	
1.6	12200	899	79600	1.05	
1.8	10700	790	80400	1.20	K 127/RF77WSS2.2KW-4
2.0	9580	704	80900	1.35	KF 127/RF77WSS2.2KW-4
2.3	8280	610	81400	1.55	KA 127/RF77WSS2.2KW-4
2.6	7460	549	81600	1.75	KAF127/RF77WSS2.2KW-4
3.0	6430	477	81900	2.0	
3.4	5680	418	82100	2.3	
2.3	8340	615	65000	0.95	
2.7	7070	522	65000	1.15	
3.1	6230	461	65000	1.30	K 107/RF77WSS2.2KW-4
3.5	5520	408	65000	1.45	KF 107/RF77WSS2.2KW-4
3.9	4940	364	65000	1.60	KA 107/RF77WSS2.2KW-4
4.4	4320	318	65000	1.85	KAF107/RF77WSS2.2KW-4
4.9	3890	286	65000	2.1	
5.6	3410	251	65000	2.3	
3.7	5210	382	39700	0.80	
4.1	4640	342	40000	0.95	K 97/RF57WSS2.2KW-4
4.6	4170	305	40000	1.05	KF 97/RF57WSS2.2KW-4
5.5	3510	258	40000	1.20	KA 97/RF57WSS2.2KW-4
6.1	3160	232	40000	1.35	KAF 97/RF57WSS2.2KW-4
7.1	2710	199	40000	1.60	
4.9	4310	143.47	65000	1.85	K 107 WSS2.2KW-8
5.8	3650	121.46	65000	2.2	KF 107 WSS2.2KW-8
6.2	3370	112.41	65000	2.4	KA 107 WSS2.2KW-8
6.9	3020	100.75	65000	2.7	KAF 107 WSS2.2KW-8
6.1	3420	153.21	40000	1.25	K 97 WSS2.2KW-6
6.7	3140	140.28	40000	1.35	KF 97 WSS2.2KW-6
7.6	2770	123.93	40000	1.55	KA 97 WSS2.2KW-6
8.9	2350	105.13	40000	1.85	KAF 97 WSS2.2KW-6
8.0	2620	176.05	40000	1.65	K 97 WSS2.2KW-4
9.2	2280	153.21	40000	1.90	KF 97 WSS2.2KW-4
10	2090	140.28	40000	2.1	KA 97 WSS2.2KW-4
11	1850	123.93	40000	2.3	KAF 97 WSS2.2KW-4
13	1570	105.13	40000	2.8	K 97 WSS2.2KW-4
15	1440	96.80	40000	3.0	KF 97 WSS2.2KW-4
					KA 97 WSS2.2KW-4
					KAF 97 WSS2.2KW-4
9.6	2200	147.32	27900	1.25	K 87 WSS2.2KW-4
11	1890	126.91	28200	1.45	KF 87 WSS2.2KW-4
12	1730	115.82	28300	1.55	KA 87 WSS2.2KW-4
					KAF 87 WSS2.2KW-4
14	1530	102.71	28500	1.75	K 87 WSS2.2KW-4
16	1290	86.34	28600	2.1	KF 87 WSS2.2KW-4
18	1180	79.34	28700	2.3	KA 87 WSS2.2KW-4
20	1050	70.46	28800	2.6	KAF 87 WSS2.2KW-4
22	940	63.00	28800	2.9	
12	1690	113.56	14300	0.90	
15	1450	97.05	16100	1.05	K 77 WSS2.2KW-4
16	1330	88.97	16800	1.15	KF 77 WSS2.2KW-4
18	1160	78.07	17600	1.35	KA 77 WSS2.2KW-4
19	1100	73.99	17900	1.40	KAF 77 WSS2.2KW-4
22	960	64.75	18400	1.60	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
2.2kW					
24	870	58.34	18800	1.80	
28	765	51.18	19100	2.0	
31	675	45.16	19300	2.3	K 77 WSS2.2KW-4
35	595	40.04	19500	2.6	KF 77 WSS2.2KW-4
40	525	35.20	19700	3.0	KA 77 WSS2.2KW-4
46	460	30.89	19800	3.4	KAF 77 WSS2.2KW-4
48	435	29.27	19800	3.6	
55	380	25.62	19900	4.1	
23	900	60.66	9490	0.90	
25	850	57.28	10000	0.95	K 67 WSS2.2KW-4
29	725	48.77	11100	1.15	KF 67 WSS2.2KW-4
32	660	44.32	11500	1.25	KA 67 WSS2.2KW-4
37	570	38.39	12100	1.40	KAF 67 WSS2.2KW-4
40	530	35.62	12300	1.55	
47	450	30.22	12600	1.80	
52	405	27.28	12800	2.0	
59	360	24.00	13000	2.2	
62	340	22.66	13000	2.3	
73	285	19.30	13000	2.6	
80	260	17.54	13000	2.8	K 67 WSS2.2KW-4
93	225	15.19	13000	3.1	KF 67 WSS2.2KW-4
107	197	13.22	13000	3.4	KA 67 WSS2.2KW-4
113	186	12.48	13000	2.8	KAF 67 WSS2.2KW-4
133	158	10.63	13000	3.2	
146	144	9.66	13000	3.3	
169	125	8.37	13000	3.5	
194	109	7.28	12700	3.9	
32	660	44.43	5100	0.90	K 57 WSS2.2KW-4
37	575	38.49	7850	1.05	KF 57 WSS2.2KW-4
39	530	35.70	8080	1.15	KA 57 WSS2.2KW-4
47	450	30.28	8250	1.35	KAF 57 WSS2.2KW-4
52	405	27.34	8160	1.45	
59	360	24.05	8030	1.65	
62	340	22.71	7970	1.75	K 57 WSS2.2KW-4
73	290	19.34	7760	2.0	KF 57 WSS2.2KW-4
80	260	17.57	7630	2.1	KA 57 WSS2.2KW-4
93	225	15.22	7430	2.4	KAF 57 WSS2.2KW-4
106	197	13.25	7220	2.6	
118	178	11.92	6890	2.3	
125	168	11.26	6810	2.5	
54	385	25.91	5260	1.05	K 47 WSS2.2KW-4
65	325	21.81	5260	1.25	KF 47 WSS2.2KW-4
72	290	19.58	5240	1.35	KA 47 WSS2.2KW-4
					KAF 47 WSS2.2KW-4
84	250	16.86	5190	1.50	
89	235	15.86	5160	1.60	K 47 WSS2.2KW-4
103	205	13.65	5070	1.75	KF 47 WSS2.2KW-4
116	182	12.19	4990	1.95	KA 47 WSS2.2KW-4
120	175	11.77	4890	1.60	KAF 47 WSS2.2KW-4
133	157	10.56	4810	1.80	
155	136	9.10	4690	2.1	
108	195	13.08	2370	0.85	
134	156	10.49	2430	1.00	K 37 WSS2.2KW-4
158	133	8.91	2440	1.20	KF 37 WSS2.2KW-4
177	119	7.96	2430	1.30	KA 37 WSS2.2KW-4
207	101	6.80	2410	1.50	KAF 37 WSS2.2KW-4
221	95	6.37	2400	1.55	
263	80	5.36	2350	1.75	
3.0kW					
0.50	51300	2818	187700	0.95	K187R97 WSS3.0KW-4
0.46	57100	3062	177600	0.90	
0.56	46800	2519	190000	1.05	
0.62	42100	2268	190000	1.20	
0.68	38000	2054	190000	1.30	K187R97WSS3.0KW-4
0.77	33600	1821	190000	1.50	
0.87	29700	1605	190000	1.70	
1.0	25600	1395	190000	1.95	
1.2	22100	1196	190000	2.3	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
0.82	31700	1704	150000	1.00	
0.99	26200	1408	150000	1.20	
1.1	24100	1296	150000	1.35	
1.3	20300	1101	150000	1.55	K 167/R97 WSS3.0KW-4
1.5	17500	944	150000	1.85	
1.7	15500	843	150000	2.1	
1.9	14000	757	150000	2.3	
1.1	22800	1229	109400	0.80	
1.3	20300	1093	111000	0.90	
1.5	17500	942	112400	1.05	K 157/RF97 WSS3.0KW-4
1.6	15800	854	113200	1.15	KF 157/RF97 WSS3.0KW-4
1.9	13900	756	114000	1.30	KA 157/RF97 WSS3.0KW-4
2.5	10500	567	115200	1.70	KAF 157/RF97 WSS3.0KW-4
2.8	9310	504	115500	1.95	
2.6	9940	536	80700	1.30	
3.0	8750	473	81200	1.50	
3.3	7760	418	81500	1.70	K 127/RF87 WSS3.0KW-4
3.8	6840	367	81800	1.90	KF 127/RF87 WSS3.0KW-4
4.2	6140	330	82000	2.1	KA 127/RF87 WSS3.0KW-4
4.9	5300	287	82200	2.5	KAF 127/RF87 WSS3.0KW-4
1.8	14800	790	76500	0.90	
2.0	13200	704	79100	1.00	K 127/RF77 WSS3.0KW-4
2.3	11400	610	80000	1.15	KF 127/RF77 WSS3.0KW-4
2.5	10300	549	80600	1.25	KA 127/RF77 WSS3.0KW-4
2.9	8920	477	81100	1.45	KAF 127/RF77 WSS3.0KW-4
3.3	7840	418	81500	1.65	
3.0	8610	461	65000	0.95	
3.4	7620	408	65000	1.05	
3.8	6820	364	65000	1.15	
4.4	5960	318	65000	1.35	K 107/RF77 WSS3.0KW-4
4.9	5370	286	65000	1.50	KF 107/RF77 WSS3.0KW-4
5.6	4700	251	65000	1.70	KA 107/RF77 WSS3.0KW-4
6.3	4150	222	65000	1.95	KAF 107/RF77 WSS3.0KW-4
7.1	3670	196	65000	2.2	
8.1	3250	174	65000	2.2	
9.1	2880	154	65000	2.5	
10	2610	140	65000	2.8	
5.4	4840	258	40000	0.90	K 97/RF57 WSS3.0KW-4
6.0	4360	232	40000	1.00	KF 97/RF57 WSS3.0KW-4
7.0	3740	199	40000	1.15	KA 97/RF57 WSS3.0KW-4
					KAF 97/RF57 WSS3.0KW-4
5.0	5710	143.47	65000	1.40	
5.9	4830	121.46	65000	1.65	K 107 WSS3.0KW-8
6.4	4470	112.41	65000	1.80	KF 107 WSS3.0KW-8
7.2	4010	100.75	65000	2.0	KA 107 WSS3.0KW-8
7.9	3620	90.96	65000	2.2	KAF 107 WSS3.0KW-8
6.6	4370	143.47	65000	1.85	K 107 WSS3.0KW-6
7.7	3700	121.46	65000	2.2	KF 107 WSS3.0KW-6
8.4	3430	112.41	65000	2.3	KA 107 WSS3.0KW-6
9.3	3070	100.75	65000	2.6	KAF 107 WSS3.0KW-6
					K 107 WSS3.0KW-4
9.8	2940	143.47	65000	2.7	KF 107 WSS3.0KW-4
12	2490	121.46	65000	3.2	KA 107 WSS3.0KW-4
					KAF 107 WSS3.0KW-4
7.6	3780	123.93	40000	1.15	K 97 WSS3.0KW-6
8.9	3200	105.13	40000	1.35	KF 97 WSS3.0KW-6
9.7	2950	96.80	40000	1.45	KA 97 WSS3.0KW-6
11	2640	86.52	40000	1.65	KAF 97 WSS3.0KW-6
7.9	3600	176.05	40000	1.20	K 97 WSS3.0KW-4
9.1	3140	153.21	40000	1.35	KF 97 WSS3.0KW-4
10	2870	140.28	40000	1.50	KA 97 WSS3.0KW-4
11	2540	123.93	40000	1.70	KAF 97 WSS3.0KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
13	2150	105.13	40000	2.0	
14	1980	96.80	40000	2.2	
16	1770	86.52	40000	2.4	K 97 WSS3.0KW-4
18	1590	77.89	40000	2.7	KF 97 WSS3.0KW-4
20	1440	70.54	40000	3.0	KA 97 WSS3.0KW-4
22	1280	62.55	40000	3.4	KAF 97 WSS3.0KW-4
25	1160	56.55	40000	3.7	
9.5	3010	147.32	26900	0.90	K 87 WSS3.0KW-4
11	2600	126.91	27400	1.05	KF 87 WSS3.0KW-4
12	2370	115.82	27700	1.15	KA 87 WSS3.0KW-4
14	2100	102.71	28000	1.30	KAF 87 WSS3.0KW-4
16	1770	86.34	28300	1.55	
18	1620	79.34	28400	1.65	
20	1440	70.46	28500	1.85	K 87 WSS3.0KW-4
22	1290	63.00	28600	2.1	KF 87 WSS3.0KW-4
25	1160	56.64	28700	2.3	KA 87 WSS3.0KW-4
28	1010	49.16	28800	2.7	KAF 87 WSS3.0KW-4
32	900	44.02	28800	2.9	
38	745	36.52	28400	3.3	
16	1820	88.97	13100	0.85	
18	1600	78.07	15000	0.95	K 77 WSS3.0KW-4
19	1510	73.99	15600	1.00	KF 77 WSS3.0KW-4
22	1330	64.75	16800	1.15	KA 77 WSS3.0KW-4
24	1190	58.34	17500	1.30	KAF 77 WSS3.0KW-4
27	1050	51.18	18100	1.50	
31	920	45.16	18600	1.70	K 77 WSS3.0KW-4
35	820	40.04	18900	1.90	KF 77 WSS3.0KW-4
40	720	35.20	19200	2.2	KA 77 WSS3.0KW-4
45	630	30.89	19400	2.5	KAF 77 WSS3.0KW-4
32	910	44.32	9450	0.90	
36	785	38.39	10600	1.00	K 67 WSS3.0KW-4
39	730	35.62	11100	1.15	KF 67 WSS3.0KW-4
46	620	30.22	11800	1.35	KA 67 WSS3.0KW-4
51	560	27.28	12100	1.45	KAF 67 WSS3.0KW-4
58	490	24.00	12500	1.65	
62	465	22.66	12600	1.70	
73	395	19.30	12800	1.95	
80	360	17.54	13000	2.1	K 67 WSS3.0KW-4
92	310	15.19	13000	2.2	KF 67 WSS3.0KW-4
106	270	13.22	13000	2.5	KA 67 WSS3.0KW-4
112	255	12.48	13000	2.1	KAF 67 WSS3.0KW-4
132	220	10.63	13000	2.3	
145	198	9.66	13000	2.4	
46	620	30.28	7180	0.95	K 57 WSS3.0KW-4
51	560	27.34	7190	1.05	KF 57 WSS3.0KW-4
58	490	24.05	7180	1.20	KA 57 WSS3.0KW-4
					KAF 57 WSS3.0KW-4
62	465	22.71	7160	1.30	
72	395	19.34	7080	1.45	
80	360	17.57	7020	1.55	
92	310	15.22	6890	1.70	
106	270	13.25	6750	1.90	K 57 WSS3.0KW-4
117	245	11.92	6420	1.70	KF 57 WSS3.0KW-4
124	230	11.26	6370	1.80	KA 57 WSS3.0KW-4
146	196	9.59	6200	2.1	KAF 57 WSS3.0KW-4
161	178	8.71	6090	2.2	
186	154	7.55	5920	2.4	
213	134	6.57	5750	2.6	
72	400	19.58	4430	1.00	K 47 WSS3.0KW-4
83	345	16.86	4490	1.10	KF 47 WSS3.0KW-4
88	325	15.86	4500	1.15	KA 47 WSS3.0KW-4
					KAF 47 WSS3.0KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
103	280	13.65	4510	1.30	
115	250	12.19	4490	1.40	
119	240	11.77	4370	1.15	K 47 WSS3.0KW-4
133	215	10.56	4350	1.30	KF 47 WSS3.0KW-4
154	186	9.10	4290	1.50	KA 47 WSS3.0KW-4
164	175	8.56	4270	1.55	KAF 47 WSS3.0KW-4
190	151	7.36	4190	1.65	
213	135	6.58	4120	1.80	
241	119	5.81	4030	1.95	
157	182	8.91	2000	0.90	K 37 WSS3.0KW-4
176	163	7.96	2040	0.95	KF 37 WSS3.0KW-4
206	139	6.80	2080	1.10	KA 37 WSS3.0KW-4
220	130	6.37	2080	1.10	KAF 37 WSS3.0KW-4
261	110	5.36	2090	1.30	
4.0kW					
1.7	20300	835	190000	2.5	
2.7	12600	520	190000	4.0	K 187/RF107 WSS4.0KW-4
0.56	61900	2519	168800	0.80	
0.63	55600	2268	180200	0.90	
0.69	50300	2054	189400	1.00	
0.78	44500	1821	190000	1.10	
0.88	39300	1605	190000	1.25	K 187/RF97 WSS4.0KW-4
1.0	34000	1395	190000	1.45	
1.2	29200	1196	190000	1.70	
1.4	25600	1046	190000	1.95	
1.5	23100	945	190000	2.2	
1.0	34600	1408	150000	0.90	
1.1	31900	1296	150000	1.00	
1.3	26900	1101	150000	1.20	
1.5	23100	944	150000	1.40	
1.7	20500	843	150000	1.55	K 167/RF97 WSS4.0KW-4
1.9	18500	757	150000	1.75	
2.2	15400	632	150000	2.1	
1.7	20900	854	110600	0.85	K 157/RF97 WSS4.0KW-4
1.9	18400	756	112000	1.00	KF 157/RF97 WSS4.0KW-4
2.5	13800	567	114000	1.30	KA 157/RF97 WSS4.0KW-4
2.8	12300	504	114600	1.45	KAF 157/RF97 WSS4.0KW-4
3.3	10600	434	115100	1.70	
2.7	13100	536	79100	1.00	
3.0	11600	473	79900	1.10	
3.4	10300	418	80600	1.25	K 127/RF87 WSS4.0KW-4
3.9	9040	367	81100	1.45	KF 127/RF87 WSS4.0KW-4
4.3	8120	330	81400	1.60	KA 127/RF87 WSS4.0KW-4
5.0	7010	287	81800	1.85	KAF 127/RF87 WSS4.0KW-4
5.6	6200	253	82000	2.1	
2.3	15100	610	75800	0.85	K 127/RF77 WSS4.0KW-4
2.6	13600	549	78800	0.95	KF 127/RF77 WSS4.0KW-4
3.0	11800	477	79800	1.10	KA 127/RF77 WSS4.0KW-4
3.4	10300	418	80500	1.25	KAF 127/RF77 WSS4.0KW-4
3.9	8990	364	650000	0.90	
4.5	7860	318	650000	1.00	
5.0	7080	286	650000	1.15	K 107/RF77 WSS4.0KW-4
5.7	6200	251	650000	1.30	KF 107/RF77 WSS4.0KW-4
6.4	5470	222	650000	1.45	KA 107/RF77 WSS4.0KW-4
7.2	4840	196	650000	1.65	KAF 107/RF77 WSS4.0KW-4
8.2	4290	174	650000	1.70	
9.2	3800	154	650000	1.90	
10	3440	140	650000	2.1	
7.1	4930	199	40000	0.85	K 97/RF57 WSS4.0KW-4
					KF 97/RF57 WSS4.0KW-4
					KA 97/RF57 WSS4.0KW-4
					KAF 97/RF57 WSS4.0KW-4
5.3	7220	136.14	81700	1.80	K 127 WSS4.0KW-8
5.9	6500	122.48	81900	2.0	KF 127 WSS4.0KW-8
6.5	5850	110.18	82100	2.2	KA 127 WSS4.0KW-8
					KAF 127 WSS4.0KW-8

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
4.0kW					
6.6	5810	146.07	82100	2.2	K 127 WSS4.0KW-8
7.1	5420	136.14	82200	2.4	KF 127 WSS4.0KW-8
7.8	4870	122.48	82300	2.7	KA 127 WSS4.0KW-8
8.7	4380	110.18	82400	3.0	KAF 127 WSS4.0KW-8
6.4	5960	112.41	65000	1.35	K 107 WSS4.0KW-8
7.2	5340	100.75	65000	1.50	KF 107 WSS4.0KW-8
7.9	4830	90.96	65000	1.65	KA 107 WSS4.0KW-8
8.7	4380	82.61	65000	1.85	KAF 107 WSS4.0KW-8
6.7	5710	143.47	65000	1.40	
7.9	4830	121.46	65000	1.65	K 107 WSS4.0KW-6
8.5	4470	112.41	65000	1.80	KF 107 WSS4.0KW-6
9.5	4010	100.75	65000	2.0	KA 107 WSS4.0KW-6
11	3620	90.96	65000	2.2	KAF 107 WSS4.0KW-6
9.9	3860	143.47	65000	2.1	
12	3270	121.46	65000	2.5	
13	3020	112.41	65000	2.7	K 107 WSS4.0KW-4
14	2710	100.75	65000	3.0	KF 107 WSS4.0KW-4
16	2450	90.96	65000	3.3	KA 107 WSS4.0KW-4
17	2220	82.61	65000	3.6	KAF 107 WSS4.0KW-4
19	1970	73.30	65000	4.1	
9.3	4120	153.21	40000	1.05	K 97 WSS4.0KW-4
10	3770	140.28	40000	1.15	KF 97 WSS4.0KW-4
11	3330	123.93	40000	1.30	KA 97 WSS4.0KW-4
					KAF 97 WSS4.0KW-4
14	2830	105.13	40000	1.50	
15	2600	96.80	40000	1.65	K 97 WSS4.0KW-4
16	2330	86.52	40000	1.85	KF 97 WSS4.0KW-4
18	2100	77.89	40000	2.0	KA 97 WSS4.0KW-4
20	1900	70.54	40000	2.3	KAF 97 WSS4.0KW-4
12	3120	115.82	26700	0.85	K 87 WSS4.0KW-4
14	2760	102.71	27200	1.00	KF 87 WSS4.0KW-4
16	2320	86.34	27700	1.15	KA 87 WSS4.0KW-4
18	2130	79.34	27900	1.25	KAF 87 WSS4.0KW-4
20	1900	70.46	28200	1.40	
23	1690	63.00	28300	1.60	K 87 WSS4.0KW-4
25	1520	56.64	28500	1.75	KF 87 WSS4.0KW-4
29	1320	49.16	28600	2.0	KA 87 WSS4.0KW-4
32	1180	44.02	28300	2.2	KAF 87 WSS4.0KW-4
39	980	36.52	27300	2.5	
22	1740	64.75	13900	0.90	
24	1570	58.34	15200	1.00	K 77 WSS4.0KW-4
28	1380	51.18	16500	1.15	KF 77 WSS4.0KW-4
31	1210	45.16	17400	1.30	KA 77 WSS4.0KW-4
35	1080	40.04	18000	1.45	KAF 77 WSS4.0KW-4
37	1030	38.39	18200	1.45	
40	950	35.20	18500	1.65	
46	830	30.89	18900	1.85	K 77 WSS4.0KW-4
49	785	29.27	19000	1.95	KF 77 WSS4.0KW-4
55	690	25.62	19300	2.2	KA 77 WSS4.0KW-4
62	620	23.08	19500	2.5	KAF 77 WSS4.0KW-4
70	545	20.25	19600	2.8	
47	810	30.22	10400	1.00	K 67 WSS4.0KW-4
52	735	27.28	11000	1.10	KF 67 WSS4.0KW-4
59	645	24.00	11600	1.25	KA 67 WSS4.0KW-4
63	610	22.66	11800	1.30	KAF 67 WSS4.0KW-4
74	520	19.30	12300	1.45	
81	470	17.54	12500	1.55	
94	410	15.19	12800	1.70	
107	355	13.22	13000	1.90	K 67 WSS4.0KW-4
114	335	12.48	13000	1.60	KF 67 WSS4.0KW-4
134	285	10.63	13000	1.75	KA 67 WSS4.0KW-4
147	260	9.66	12900	1.85	KAF 67 WSS4.0KW-4
170	225	8.37	12500	1.95	
195	196	7.28	12100	2.1	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
4.0kW					
59	645	24.05	6120	0.95	
63	610	22.71	6160	1.00	
73	520	19.34	6220	1.10	
81	475	17.57	6230	1.15	
93	410	15.22	6210	1.30	K 57 WSS4.0KW-4
107	355	13.25	6150	1.45	KF 57 WSS4.0KW-4
119	320	11.92	5810	1.30	KA 57 WSS4.0KW-4
126	305	11.26	5790	1.35	KAF 57 WSS4.0KW-4
148	260	9.59	5700	1.55	
163	235	8.71	5640	1.65	
188	205	7.55	5530	1.80	
216	177	6.57	5400	1.95	
5.5kW					
0.79	61100	1821	170200	0.80	
0.89	53900	1605	183200	0.95	
1.0	46700	1395	190000	1.05	
1.2	40100	1196	190000	1.25	K 187RF97 WSS5.5KW-4
1.4	35100	1046	190000	1.45	
1.5	31700	945	190000	1.60	
1.9	24800	738	190000	2.0	
2.3	20800	621	190000	2.4	
1.3	36900	1101	150000	0.85	
1.5	31700	944	150000	1.00	
1.7	28200	843	150000	1.15	
1.9	25400	757	150000	1.25	K 167RF97 WSS5.5KW-4
2.3	21200	632	150000	1.50	
2.5	18700	561	150000	1.70	
3.0	16100	481	150000	2.0	
3.4	14100	423	150000	2.3	
2.2	22100	661	109900	0.80	
2.5	19000	567	111700	0.95	K 157RF97 WSS5.5KW-4
2.8	16900	504	112700	1.05	KF 157RF97 WSS5.5KW-4
3.3	14500	434	113800	1.25	KA 157RF97 WSS5.5KW-4
3.8	12700	379	114500	1.40	KAF 157RF97 WSS5.5KW-4
4.3	11100	333	115000	1.60	
3.4	14100	418	77800	0.90	
3.9	12400	367	79500	1.05	
4.3	11100	330	80200	1.15	K 127RF87 WSS5.5KW-4
5.0	9620	287	80800	1.35	KF 127RF87 WSS5.5KW-4
5.6	8510	253	81300	1.55	KA 127RF87 WSS5.5KW-4
6.7	7150	213	81700	1.80	KAF 127RF87 WSS5.5KW-4
7.1	6740	200	81900	1.80	
8.6	5580	166	82200	2.2	
9.8	4920	147	82300	2.4	
6.4	7490	222	65000	1.05	K 107RF77 WSS5.5KW-4
7.3	6640	196	65000	1.20	KF 107RF77 WSS5.5KW-4
8.2	5870	174	65000	1.25	KA 107RF77 WSS5.5KW-4
9.3	5200	154	65000	1.40	KAF 107RF77 WSS5.5KW-4
10	4720	140	65000	1.55	
4.7	11100	150.41	115000	1.60	K 157 WSS5.5KW-8
5.8	9050	122.39	115500	2.0	KF 157 WSS5.5KW-8
7.1	7410	100.22	115900	2.4	KA 157 WSS5.5KW-8
7.8	6780	91.65	116000	2.7	KAF 157 WSS5.5KW-8
5.2	10100	136.14	80700	1.30	K 127 WSS5.5KW-8
5.8	9060	122.48	81100	1.45	KF 127 WSS5.5KW-8
6.4	8150	110.18	81400	1.60	KA 127 WSS5.5KW-8
7.9	6650	89.89	81900	1.95	KAF 127 WSS5.5KW-8
7.1	7450	136.14	81600	1.75	K 127 WSS5.5KW-6
7.8	6700	122.48	81900	1.95	KF 127 WSS5.5KW-6
8.7	6030	110.18	82100	2.2	KA 127 WSS5.5KW-6
11	4920	89.89	82300	2.6	KAF 127 WSS5.5KW-6
8.5	6150	112.41	65000	1.30	K 107 WSS5.5KW-6
9.5	5510	100.75	65000	1.45	KF 107 WSS5.5KW-6
11	4980	90.96	65000	1.60	KA 107 WSS5.5KW-6
12	4520	82.61	65000	1.75	KAF 107 WSS5.5KW-6

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
5.5kW					
10	5270	143.47	65000	1.50	
12	4460	121.46	65000	1.80	K 107 WSS5.5KW-4
13	4130	112.41	65000	1.95	KF 107 WSS5.5KW-4
14	3700	100.75	65000	2.2	KA 107 WSS5.5KW-4
16	3340	90.96	65000	2.4	KAF 107 WSS5.5KW-4
17	3030	82.61	65000	2.6	
12	4550	123.93	40000	0.95	K 97 WSS5.5KW-4
14	3860	105.13	40000	1.10	KF 97 WSS5.5KW-4
15	3560	96.80	40000	1.20	KA 97 WSS5.5KW-4
17	3180	86.52	40000	1.35	KAF 97 WSS5.5KW-4
18	2860	77.89	40000	1.50	
20	2590	70.54	40000	1.65	K 97 WSS5.5KW-4
23	2300	62.55	40000	1.85	KF 97 WSS5.5KW-4
25	2080	56.55	39700	2.1	KA 97 WSS5.5KW-4
30	1760	47.93	38600	2.4	KAF 97 WSS5.5KW-4
17	3170	86.34	26600	0.85	
18	2910	79.34	27000	0.95	K 87 WSS5.5KW-4
20	2590	70.46	27400	1.05	KF 87 WSS5.5KW-4
23	2310	63.00	27500	1.15	KA 87 WSS5.5KW-4
25	2080	56.64	27300	1.30	KAF 87 WSS5.5KW-4
29	1810	49.16	26900	1.50	
32	1620	44.02	26500	1.60	K 87 WSS5.5KW-4
39	1340	36.52	25800	1.85	KF 87 WSS5.5KW-4
46	1150	31.39	25200	2.3	KA 87 WSS5.5KW-4
51	1020	27.88	24700	2.5	KAF 87 WSS5.5KW-4
32	1660	45.16	14600	0.95	
36	1470	40.04	15900	1.05	K 77 WSS5.5KW-4
46	1130	30.89	17800	1.35	KF 77 WSS5.5KW-4
49	1070	29.27	18000	1.45	KA 77 WSS5.5KW-4
56	940	25.62	18500	1.65	KAF 77 WSS5.5KW-4
62	850	23.08	18800	1.85	
71	745	20.25	19100	2.0	K 77 WSS5.5KW-4
80	655	17.87	19400	2.2	KF 77 WSS5.5KW-4
90	580	15.84	19200	2.4	KA 77 WSS5.5KW-4
106	495	13.52	18600	2.7	KAF 77 WSS5.5KW-4
116	455	12.36	17900	2.2	
132	400	10.84	17400	2.5	
60	880	24.00	9720	0.90	
63	830	22.66	10200	0.95	K 67 WSS5.5KW-4
74	710	19.30	11200	1.05	KF 67 WSS5.5KW-4
82	645	17.54	11600	1.15	KA 67 WSS5.5KW-4
94	560	15.19	12100	1.25	KAF 67 WSS5.5KW-4
108	485	13.22	12500	1.40	
115	460	12.48	12600	1.15	
135	390	10.63	12400	1.30	K 67 WSS5.5KW-4
148	355	9.66	12200	1.35	KF 67 WSS5.5KW-4
171	305	8.37	11900	1.45	KA 67 WSS5.5KW-4
196	265	7.28	11600	1.55	KAF 67 WSS5.5KW-4
7.5kW					
1.7	38200	835	190000	1.30	
2.0	33300	729	190000	1.50	K 187RF107 WSS7.5KW-4
2.3	28400	622	190000	1.75	
1.2	55000	1196	181400	0.90	
1.4	48000	1046	190000	1.05	
1.5	43400	945	190000	1.15	K 187RF97 WSS7.5KW-4
1.9	33900	738	190000	1.45	
2.3	28500	621	190000	1.75	
2.7	24100	527	190000	2.1	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
1.7	38700	843	150000	0.85	
1.9	34700	757	150000	0.90	
2.3	29000	632	150000	1.10	K 167RF97 WSS7.5KW-4
2.5	25700	561	150000	1.25	
3.0	22100	481	150000	1.45	
3.4	19400	423	150000	1.65	
3.9	16900	369	150000	1.90	
3.3	19900	434	111200	0.90	K 157RF97 WSS7.5KW-4
3.8	17400	379	112500	1.05	KF 157RF97 WSS7.5KW-4
4.3	15300	333	113500	1.20	KA 157RF97 WSS7.5KW-4
4.9	13300	291	114200	1.35	KAF 157RF97 WSS7.5KW-4
4.3	15200	330	75500	0.85	
5.0	13200	287	79100	1.00	K 127RF87 WSS7.5KW-4
5.6	11600	253	79900	1.10	KF 127RF87 WSS7.5KW-4
6.7	9790	213	80800	1.35	KA 127RF87 WSS7.5KW-4
7.1	9220	200	81000	1.30	KAF 127RF87 WSS7.5KW-4
8.6	7640	166	81600	1.55	
9.8	6740	147	81900	1.80	
4.4	16400	164.50	150000	1.95	
5.3	13400	134.99	150000	2.4	K 167 WSS7.5KW-8
5.8	12300	164.50	150000	2.6	
7.1	10100	134.99	150000	3.2	K 167 WSS7.5KW-6
6.4	11200	150.41	114900	1.60	
7.8	9130	122.39	115500	1.95	K 157 WSS7.5KW-6
9.6	7480	100.22	115900	2.4	KF 157 WSS7.5KW-6
10	6840	91.65	116000	2.6	KA 157 WSS7.5KW-6
12	5950	79.75	116200	3.0	KAF 157 WSS7.5KW-6
7.1	10200	136.14	80600	1.30	K 127 WSS7.5KW-6
7.8	9140	122.48	81000	1.40	KF 127 WSS7.5KW-6
8.7	8220	110.18	81400	1.60	KA 127 WSS7.5KW-6
11	6710	89.89	81900	1.95	KAF 127 WSS7.5KW-6
9.8	7320	146.07	81700	1.80	
11	6820	136.14	81800	1.90	
12	6130	122.48	82000	2.1	K 127 WSS7.5KW-4
13	5520	110.18	82200	2.4	KF 127 WSS7.5KW-4
16	4500	89.89	82400	2.9	KA 127 WSS7.5KW-4
17	4110	81.98	82500	3.2	KAF 127 WSS7.5KW-4
20	3550	70.95	82600	3.7	
10	7190	143.47	65000	1.10	K 107 WSS7.5KW-4
12	6080	121.46	65000	1.30	KF 107 WSS7.5KW-4
13	5630	112.41	65000	1.40	KA 107 WSS7.5KW-4
					KAF 107 WSS7.5KW-4
14	5050	100.75	65000	1.60	
16	4560	90.96	64200	1.75	
17	4140	82.61	63200	1.95	K 107 WSS7.5KW-4
20	3670	73.30	61900	2.2	KF 107 WSS7.5KW-4
22	3330	66.52	60900	2.4	KA 107 WSS7.5KW-4
25	2860	57.17	59100	2.8	KAF 107 WSS7.5KW-4
29	2500	49.90	57500	3.1	
34	2120	42.33	55500	3.5	
39	1850	37.00	53800	3.9	
15	4850	96.80	38300	0.90	K 97 WSS7.5KW-4
17	4330	86.52	38300	1.00	KF 97 WSS7.5KW-4
18	3900	77.89	38100	1.10	KA 97 WSS7.5KW-4
20	3530	70.54	37900	1.20	KAF 97 WSS7.5KW-4
23	3130	62.55	37500	1.35	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
25	2830	56.55	37100	1.50	K 97 WSS7.5KW-4
30	2400	47.93	36400	1.80	KF 97 WSS7.5KW-4
34	2100	41.87	35600	2.0	KA 97 WSS7.5KW-4
37	1920	38.30	35100	2.2	KAF 97 WSS7.5KW-4
42	1710	34.23	34400	2.5	
23	3160	63.00	24100	0.85	K 87 WSS7.5KW-4
25	2840	56.64	24200	0.95	KF 87 WSS7.5KW-4
29	2460	49.16	24200	1.10	KA 87 WSS7.5KW-4
32	2200	44.02	24200	1.20	KAF 87 WSS7.5KW-4
39	1830	36.52	23900	1.35	
46	1570	31.39	23500	1.70	
51	1400	27.88	23200	1.85	
57	1250	24.92	22800	2.0	K 87 WSS7.5KW-4
64	1120	22.41	22500	2.0	KF 87 WSS7.5KW-4
74	970	19.45	21900	2.4	KA 87 WSS7.5KW-4
82	870	17.42	21500	2.5	KAF 87 WSS7.5KW-4
89	800	16.00	20600	2.2	
99	725	14.45	20700	2.9	
46	1550	30.89	15400	1.00	K 77 WSS7.5KW-4
49	1470	29.27	16000	1.05	KF 77 WSS7.5KW-4
56	1280	25.62	17000	1.20	KA 77 WSS7.5KW-4
62	1160	23.08	17700	1.35	KAF 77 WSS7.5KW-4
71	1010	20.25	18300	1.50	
80	890	17.87	18600	1.60	
90	795	15.84	18200	1.75	
106	675	13.52	17800	2.0	K 77 WSS7.5KW-4
116	620	12.36	17000	1.60	KF 77 WSS7.5KW-4
132	545	10.84	16700	1.80	KA 77 WSS7.5KW-4
150	480	9.56	16300	1.95	KAF 77 WSS7.5KW-4
169	425	8.48	15900	2.1	
198	365	7.24	15400	2.3	
11kW					
1.7	55900	835	179700	0.90	
2.0	48800	729	190000	1.05	
2.3	41600	622	190000	1.20	K187RF107 WSS11KW-4
2.8	34800	520	190000	1.45	
3.2	30400	454	190000	1.65	
4.1	23800	355	190000	2.1	
2.0	49600	738	190000	1.00	
2.3	41700	621	190000	1.20	K187RF97 WSS11KW-4
2.7	35300	527	190000	1.40	
4.5	21300	318	150000	1.50	
5.2	18600	278	150000	1.70	
5.9	16300	244	150000	1.95	K167RF107 WSS11KW-4
6.8	14200	213	150000	2.2	
7.0	13700	206	150000	2.3	
2.6	37500	561	150000	0.85	
3.0	32300	481	150000	1.00	
3.4	28300	423	150000	1.15	K167RF97 WSS11KW-4
3.9	24700	369	150000	1.30	
					K 157RF97 WSS7.5KW-4
4.3	22300	333	109700	0.80	KF 157RF97 WSS7.5KW-4
4.9	19500	291	111400	0.90	KA 157RF97 WSS7.5KW-4
					KAF 157RF97 WSS7.5KW-4
6.8	14300	213	77400	0.90	K 127RF87 WSS7.5KW-4
7.2	13500	200	78900	0.90	KF 127RF87 WSS7.5KW-4
8.7	11200	166	80100	1.10	KA 127RF87 WSS7.5KW-4
9.8	9850	147	80700	1.20	KAF 127RF87 WSS7.5KW-4
5.3	19700	134.99	150000	1.60	K167 WSS11KW-4
6.6	16000	109.83	150000	2.0	
5.8	18000	164.50	150000	2.7	K167 WSS11KW-4
7.1	14800	134.99	150000	3.2	
8.8	12000	164.50	150000	1.80	K167 WSS11KW-4
11	9850	134.99	150000	2.2	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
11.0kW					
5.9	17900	122.39	112300	1.00	K 107 WSS11KW-8
7.2	14600	100.32	113700	1.25	KF 107 WSS11KW-8
7.9	13400	91.65	114200	1.35	KA 107 WSS11KW-8
9.0	11600	79.75	114800	1.55	KAF 107 WSS11KW-8
6.4	16500	150.41	112900	1.10	K 157 WSS11KW-6
7.8	13400	122.39	114200	1.35	KF 157 WSS11KW-6
9.6	11000	100.22	115000	1.65	KA 157 WSS11KW-6
10	10000	91.65	115300	1.80	KAF 157 WSS11KW-6
12	8730	79.75	115600	2.1	
9.6	11000	150.41	115000	1.65	K 157 WSS11KW-4
12	8930	122.39	115600	2.0	KF 157 WSS11KW-4
14	7310	100.32	115900	2.5	KA 157 WSS11KW-4
16	6690	91.65	116000	2.7	KAF 157 WSS11KW-4
11	9930	136.14	80700	1.30	
12	8930	122.48	81100	1.45	K 127 WSS11KW-4
13	8040	110.18	81400	1.60	KF 127 WSS11KW-4
16	6560	89.89	81900	2.0	KA 127 WSS11KW-4
18	5980	81.98	82100	2.2	KAF 127 WSS11KW-4
20	5180	70.95	82300	2.5	
13	8200	112.41	58400	1.00	K 107 WSS11KW-4
14	7350	100.75	58300	1.10	KF 107 WSS11KW-4
16	6630	90.96	58000	1.20	KA 107 WSS11KW-4
17	6030	82.61	57500	1.35	KAF 107 WSS11KW-4
20	5350	73.30	26900	1.50	
22	4850	66.52	56200	1.65	K 107 WSS11KW-4
25	4170	57.17	55100	1.90	KF 107 WSS11KW-4
29	3640	49.90	54000	2.2	KA 107 WSS11KW-4
34	3090	42.33	52500	2.4	KAF 107 WSS11KW-4
39	2700	37.00	51200	2.7	
20	5150	70.54	32200	0.85	K 97 WSS11KW-4
23	4560	62.55	32500	0.95	KF 97 WSS11KW-4
25	4130	56.55	32500	1.05	KA 97 WSS11KW-4
30	3500	47.93	32500	1.25	KAF 97 WSS11KW-4
34	3050	41.87	32200	1.40	
38	2790	38.30	32000	1.55	
42	2500	34.23	31600	1.70	K 97 WSS11KW-4
47	2250	30.82	31300	1.90	KF 97 WSS11KW-4
52	2040	27.91	30800	2.1	KA 97 WSS11KW-4
58	1800	24.75	30300	2.4	KAF 97 WSS11KW-4
64	1630	22.37	29800	2.6	
33	3210	44.02	20000	0.80	
39	2660	36.52	20400	0.95	K 87 WSS11KW-4
46	2290	31.39	20600	1.20	KF 87 WSS11KW-4
52	2030	27.88	20600	1.30	KA 87 WSS11KW-4
58	1820	24.92	20500	1.40	KAF 87 WSS11KW-4
64	1630	22.41	20300	1.40	
74	1420	19.45	20100	1.60	
83	1270	17.42	19800	1.75	
90	1170	16.00	18800	1.55	K 87 WSS11KW-4
100	1050	14.45	19400	2.0	KF 87 WSS11KW-4
115	920	12.56	18900	2.2	KA 87 WSS11KW-4
129	810	11.17	18000	1.85	KAF 87 WSS11KW-4
144	730	10.00	17700	2.1	
174	605	8.29	17100	2.3	
200	525	7.21	16700	2.5	
62	1680	23.08	14400	0.90	
71	1480	20.25	15900	1.00	
81	1300	17.87	16600	1.10	
91	1160	15.84	16500	1.20	K 77 WSS11KW-4
107	990	13.52	16300	1.35	KF 77 WSS11KW-4
117	900	12.36	15500	1.10	KA 77 WSS11KW-4
133	790	10.84	15300	1.25	KAF 77 WSS11KW-4
151	700	9.56	15100	1.35	
170	620	8.48	14800	1.45	
199	530	7.24	14500	1.55	
15.0kW					
2.3	56100	622	179400	0.90	
2.8	47000	520	190000	1.05	
3.2	41000	454	190000	1.20	K 187RF107 WSS15KW-4
4.1	32100	355	190000	1.55	
5.6	23600	261	190000	2.1	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
15.0kW					
4.6	28700	318	150000	1.10	
5.3	25000	278	150000	1.30	
6.0	22000	244	150000	1.45	
6.8	19200	213	150000	1.65	K 167RF107 WSS15KW-4
7.1	18500	206	150000	1.75	
8.1	16200	180	150000	1.95	
9.1	14400	160	150000	2.2	
6.3	20700	230	110700	0.85	
6.9	19200	213	116000	0.95	K 157RF107 WSS15KW-4
7.8	16800	187	112800	1.05	KF 157RF107 WSS15KW-4
9.3	14200	157	113900	1.25	KA 157RF107 WSS15KW-4
12	11000	122	115000	1.65	KAF 157RF107 WSS15KW-4
14	9630	107	115400	1.85	
5.4	26600	179.86	190000	1.90	
5.9	24400	165.21	190000	2.0	K 187 WSS15KW-6
7.2	19900	134.99	150000	1.60	
8.8	16200	109.83	150000	1.95	K 167 WSS15KW-6
8.9	16100	164.50	150000	2.0	
11	13200	134.99	150000	2.4	K 167 WSS15KW-4
7.9	18100	122.39	112200	1.00	K 157 WSS15KW-6
9.7	14800	100.22	113700	1.20	KF 157 WSS15KW-6
11	13500	91.65	114100	1.35	KA 157 WSS15KW-6
12	11800	79.75	114800	1.55	KAF 157 WSS15KW-6
14	10400	70.38	115200	1.75	
9.7	14800	150.41	113700	1.20	K 157 WSS15KW-4
12	12000	122.39	114700	1.50	KF 157 WSS15KW-4
15	9830	100.22	114200	1.85	KA 157 WSS15KW-4
16	8990	91.65	112500	2.0	KAF 157 WSS15KW-4
18	7820	79.75	109600	2.3	
11	13400	136.14	79000	0.95	K 127 WSS15KW-4
12	12000	122.48	79700	1.10	KF 127 WSS15KW-4
13	10800	110.18	80300	1.20	KA 127 WSS15KW-4
					KAF 127 WSS15KW-4
16	8820	89.89	81200	1.45	
18	8040	81.98	81400	1.60	K 127 WSS15KW-4
21	6960	70.95	81600	1.85	KF 127 WSS15KW-4
23	6140	62.60	80000	2.1	KA 127 WSS15KW-4
27	5300	54.07	78000	2.5	KAF 127 WSS15KW-4
31	4690	47.82	76200	2.8	
16	8920	90.96	50900	0.90	K 107 WSS15KW-4
18	8110	82.61	51100	1.00	KF 107 WSS15KW-4
20	7190	73.30	51200	1.10	KA 107 WSS15KW-4
22	6530	66.52	51000	1.25	KAF 107 WSS15KW-4
26	5610	57.17	50600	1.45	
29	4900	49.90	50000	1.60	K 107 WSS15KW-4
34	4150	42.33	49100	1.75	KF 107 WSS15KW-4
39	3630	37.00	48200	2.0	KA 107 WSS15KW-4
45	3210	32.69	47300	2.2	KAF 107 WSS15KW-4
47	3070	31.28	47000	2.2	
50	2840	29.00	46400	2.5	
30	4700	47.93	28100	0.90	K 97 WSS15KW-4
35	4110	41.87	28400	1.05	KF 97 WSS15KW-4
38	3760	38.30	28500	1.15	KA 97 WSS15KW-4
43	3360	34.23	28500	1.30	KAF 97 WSS15KW-4
47	3020	30.82	28400	1.40	
52	2740	27.91	28300	1.55	K 97 WSS15KW-4
59	2430	24.75	28000	1.75	KF 97 WSS15KW-4
65	2190	22.37	27700	1.95	KA 97 WSS15KW-4
77	1860	18.96	27200	2.3	KAF 97 WSS15KW-4
88	1620	16.56	26600	2.7	
47	3080	31.39	17300	0.90	K 87 WSS15KW-4
52	2730	27.88	17600	0.95	KF 87 WSS15KW-4
59	2440	24.92	17800	1.00	KA 87 WSS15KW-4
65	2200	22.41	18000	1.05	KAF 87 WSS15KW-4
75	1910	19.45	18000	1.20	
84	1710	17.42	18000	1.30	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
15.0kW					
91	1570	16.00	16800	1.15	
101	1420	14.45	17800	1.50	K 87 WSS15KW-4
116	1230	12.56	17600	1.60	KF 87 WSS15KW-4
131	1100	11.17	16600	1.35	KA 87 WSS15KW-4
146	980	10.00	16400	1.55	KAF 87 WSS15KW-4
176	810	8.29	16000	1.70	
202	705	7.21	15700	1.85	
18.5kW					
2.8	57800	520	176300	0.85	K 187RF107 WSS18.5KW-4
3.2	50400	454	189200	1.00	KF 187RF107 WSS18.5KW-4
4.1	39500	355	190000	1.25	KA 187RF107 WSS18.5KW-4
5.6	29000	261	190000	1.70	KAF 187RF107 WSS18.5KW-4
6.6	24600	221	190000	2.0	
4.6	35300	318	150000	0.90	
5.3	30800	278	150000	1.05	
6.0	27100	244	150000	1.20	K 167RF107 WSS18.5KW-4
6.9	23600	213	150000	1.35	KF 167RF107 WSS18.5KW-4
7.1	22800	206	150000	1.40	KA 167RF107 WSS18.5KW-4
8.1	20000	180	150000	1.60	KAF 167RF107 WSS18.5KW-4
9.2	17700	160	150000	1.80	
11	15000	135	150000	2.1	
12	13100	118	150000	2.4	
7.8	20700	187	110700	0.85	K 157RF107 WSS18.5KW-4
9.3	17400	157	112500	1.05	KF 157RF107 WSS18.5KW-4
12	13600	122	114100	1.35	KA 157RF107 WSS18.5KW-4
14	11900	107	112300	1.50	KAF 157RF107 WSS18.5KW-4
5.4	32800	179.86	190000	1.55	K 187 WSS18.5KW-6
5.9	30100	165.21	190000	1.65	KF 187 WSS18.5KW-6
6.7	26300	144.59	190000	1.90	KA 187 WSS18.5KW-6
7.5	23600	129.69	190000	2.1	KAF 187 WSS18.5KW-6
8.1	21700	179.86	190000	2.3	
8.9	19900	165.21	190000	2.5	K 187 WSS18.5KW-4
10	17400	144.59	190000	2.9	
11	15600	129.69	190000	3.2	
11	16300	134.99	150000	1.95	
13	13200	109.83	150000	2.4	K 167 WSS18.5KW-4
17	10600	87.86	150000	3.0	
9.7	18300	100.22	112100	1.00	K 157 WSS18.5KW-6
11	16700	91.65	112800	1.10	KF 157 WSS18.5KW-6
12	14500	79.75	111500	1.25	KA 157 WSS18.5KW-6
14	12800	70.38	109900	1.40	KAF 157 WSS18.5KW-6
12	14800	122.39	111600	1.20	
15	12100	100.22	109100	1.50	
16	11100	91.65	107800	1.65	K 157 WSS18.5KW-4
18	9620	79.75	105600	1.85	KF 157 WSS18.5KW-4
21	8490	70.38	103400	2.1	KA 157 WSS18.5KW-4
24	7360	61.02	100700	2.5	KAF 157 WSS18.5KW-4
27	6550	54.29	98500	2.8	
31	5640	46.79	95500	3.2	
39	4580	38.02	91300	3.9	
13	13300	110.18	79000	1.00	K 127 WSS18.5KW-4
16	10800	89.89	79000	1.20	KF 127 WSS18.5KW-4
18	9890	81.98	78500	1.30	KA 127 WSS18.5KW-4
					KAF 127 WSS18.5KW-4
21	8560	70.95	77500	1.50	
23	7550	62.60	76400	1.70	
27	6520	54.07	74800	2.0	K 127 WSS18.5KW-4
31	5770	47.82	73400	2.2	KF 127 WSS18.5KW-4
36	4850	40.19	71300	2.7	KA 127 WSS18.5KW-4
40	4370	36.25	69900	3.0	KAF 127 WSS18.5KW-4
47	3780	31.37	68000	3.4	
53	3340	27.68	66200	3.9	
20	8840	73.30	46300	0.90	K 107 WSS18.5KW-4
22	8020	66.52	46600	1.00	KF 107 WSS18.5KW-4
26	6890	57.17	46800	1.15	KA 107 WSS18.5KW-4
29	6020	49.90	46700	1.30	KAF 107 WSS18.5KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_s	机型号 Model
18.5kW					
35	5100	42.33	46300	1.45	
40	4400	37.00	45700	1.60	
45	3940	32.69	45100	1.85	K 107 WSS18.5KW-4
47	3770	31.28	44900	1.80	KF 107 WSS18.5KW-4
51	3500	29.00	44400	2.1	KA 107 WSS18.5KW-4
56	3170	26.32	43800	2.3	KAF 107 WSS18.5KW-4
65	2730	22.62	42700	2.6	
74	2380	19.74	41700	3.0	
88	2020	16.75	40400	3.5	
35	5050	41.87	25100	0.85	K 97 WSS18.5KW-4
48	3720	30.82	26000	1.15	KF 97 WSS18.5KW-4
53	3360	27.91	26000	1.30	KA 97 WSS18.5KW-4
59	2980	24.75	26000	1.45	KAF 97 WSS18.5KW-4
65	2700	22.37	25900	1.60	K 97 WSS18.5KW-4
77	2290	18.96	25700	1.90	KF 97 WSS18.5KW-4
88	2000	16.56	25300	2.2	KA 97 WSS18.5KW-4
106	1670	13.85	24800	2.6	KAF 97 WSS18.5KW-4
122	1450	11.99	24300	2.7	
59	3000	24.92	15600	0.85	
65	2700	22.41	15900	0.85	
75	2340	19.45	16200	1.00	
84	2100	17.42	16400	1.05	K 87 WSS18.5KW-4
101	1740	14.45	16500	1.20	KF 87 WSS18.5KW-4
117	1510	12.56	16400	1.30	KA 87 WSS18.5KW-4
131	1350	11.17	15400	1.10	KAF 87 WSS18.5KW-4
147	1210	10.00	15300	1.25	
177	1000	8.29	15100	1.40	
203	870	7.21	14900	1.50	
22.kW					
3.2	60000	454	172300	0.85	
4.1	47000	355	190000	1.05	
5.6	34500	261	190000	1.45	K 187RF107 WSS22KW-4
6.6	29300	221	190000	1.70	
7.6	25600	193	190000	1.95	
8.9	21600	163	190000	2.3	
5.3	36700	278	150000	0.85	
6.0	32200	244	150000	1.00	
6.9	28200	213	150000	1.15	
7.1	27200	206	150000	1.20	K 167RF107 WSS22KW-4
8.1	23800	180	150000	1.35	
9.2	21100	160	150000	1.50	
11	17900	135	150000	1.80	
12	15600	118	150000	2.0	
9.3	20800	157	109800	0.85	K 157RF107 WSS22KW-4
12	16200	122	108600	1.10	KF 157RF107 WSS22KW-4
14	14100	107	107300	1.25	KA 157RF107 WSS22KW-4
					KAF 157RF107 WSS22KW-4
5.4	39000	179.86	190000	1.30	
5.9	35800	165.21	190000	1.40	
6.7	31300	144.59	190000	1.60	K 187 WSS22KW-6
7.5	28100	129.69	190000	1.80	
8.6	24400	112.60	190000	2.0	
8.1	25800	179.86	190000	1.95	
8.9	23700	165.21	190000	2.1	
10	20700	144.59	190000	2.4	K 187 WSS22KW-4
11	18600	129.69	190000	2.9	
11	19400	134.99	150000	1.65	
13	15700	109.83	150000	2.0	
17	12600	87.86	150000	2.5	K 167 WSS22KW-4
19	11200	78.14	150000	2.9	
9.7	21700	100.22	105900	0.85	K 157 WSS22KW-6
11	19900	91.65	105900	0.90	KF 157 WSS22KW-6
12	17300	79.75	105500	1.05	KA 157 WSS22KW-6
14	15200	70.38	104600	1.20	KAF 157 WSS22KW-6
16	13200	61.02	103300	1.35	
12	17600	122.39	105500	1.05	
15	14400	100.22	104100	1.25	
16	13100	91.65	103200	1.35	K 157 WSS22KW-4
18	11400	79.75	101600	1.55	KF 157 WSS22KW-4
21	10100	70.38	99800	1.80	KA 157 WSS22KW-4
24	8750	61.02	97700	2.1	KAF 157 WSS22KW-4
27	7790	54.29	95800	2.3	
31	6710	46.79	93200	2.7	
39	5450	38.02	89400	3.3	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
22kW					
16	12900	89.89	73900	1.00	K 127 WSS22KW-4
18	11800	81.98	73800	1.10	KF 127 WSS22KW-4
21	10200	70.95	73400	1.30	KA 127 WSS22KW-4
23	8980	62.60	72800	1.45	KAF 127 WSS22KW-4
27	7750	54.07	71700	1.70	
31	6860	47.82	70700	1.90	
36	5760	40.19	69000	2.3	K 127 WSS22KW-4
40	5200	36.25	67800	2.5	KF 127 WSS22KW-4
47	4500	31.37	66200	2.9	KA 127 WSS22KW-4
53	3970	27.68	64600	3.3	KAF 127 WSS22KW-4
61	3430	23.91	62800	3.8	
69	3030	21.15	61200	4.3	
26	8200	57.17	43000	1.00	K 107 WSS22KW-4
29	7160	49.90	43300	1.10	KF 107 WSS22KW-4
35	6070	42.33	43400	1.20	KA 107 WSS22KW-4
					KAF 107 WSS22KW-4
40	5310	37.00	43200	1.35	
45	4690	32.69	42900	1.55	
47	4490	31.28	42800	1.50	
51	4160	29.00	42500	1.75	
56	3770	26.32	42000	1.90	K 107 WSS22KW-4
65	3240	22.62	41200	2.2	KF 107 WSS22KW-4
74	2830	19.74	40400	2.5	KA 107 WSS22KW-4
88	2400	16.75	39300	2.9	KAF 107 WSS22KW-4
100	2100	14.64	38400	3.3	
109	1930	13.43	36800	2.2	
125	1680	11.73	35900	2.6	
147	1430	9.94	34800	2.9	
48	4420	30.82	23500	0.95	K 97 WSS22KW-4
53	4000	27.91	23800	1.05	KF 97 WSS22KW-4
59	3550	24.75	24100	1.20	KA 97 WSS22KW-4
65	3210	22.37	24200	1.35	KAF 97 WSS22KW-4
77	2720	18.96	24100	1.60	
88	2370	16.56	24000	1.80	K 97 WSS22KW-4
106	1990	13.85	23700	2.2	KF 97 WSS22KW-4
122	1720	11.99	23300	2.3	KA 97 WSS22KW-4
141	1490	10.41	21800	1.90	KAF 97 WSS22KW-4
168	1250	8.71	21300	2.1	
75	2790	19.45	14400	0.80	
84	2500	17.42	14800	0.90	
101	2070	14.45	15100	1.00	K 87 WSS22KW-4
117	1800	12.56	15300	1.10	KF 87 WSS22KW-4
131	1600	11.17	14200	0.95	KA 87 WSS22KW-4
147	1430	10.00	14200	1.05	KAF 87 WSS22KW-4
177	1190	8.29	14300	1.20	
203	1030	7.21	14200	1.25	
30.kW					
5.6	47000	261	190000	1.05	
6.6	39800	221	190000	1.25	K 187RF107 WSS30KW-4
7.6	34800	193	190000	1.45	
9.0	29400	163	190000	1.70	
6.9	38300	213	150000	0.85	
7.1	37000	206	150000	0.85	
8.1	32400	180	150000	1.00	K 167RF107 WSS30KW-4
9.2	28700	160	150000	1.10	
11	24400	135	150000	1.30	
12	21300	118	150000	1.50	
8.2	35100	179.86	190000	1.45	
8.9	32200	165.21	190000	1.55	
10	28200	144.59	190000	1.75	
11	25300	129.69	190000	2.0	K 187 WSS30KW-4
13	21900	112.60	190000	2.3	
14	19900	102.16	190000	2.5	
17	17200	88.00	190000	2.9	
13	21400	109.83	150000	1.50	
17	17100	87.86	150000	1.85	K 167 WSS30KW-4
19	15200	78.14	150000	2.1	
22	13300	68.07	150000	2.4	
24	11800	60.74	150000	2.7	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
30kW					
15	19500	100.22	92700	0.90	
16	17900	91.65	92800	1.00	
18	15500	79.75	92400	1.15	K 157 WSS30KW-4
21	13700	70.38	91800	1.30	KF 157 WSS30KW-4
24	11900	61.02	90700	1.50	KA 157 WSS30KW-4
27	10600	54.29	89500	1.70	KAF 157 WSS30KW-4
31	9120	46.79	87800	1.95	
39	7410	38.02	85100	2.4	
47	6100	31.30	82200	3.0	
21	13800	70.95	64200	0.95	
23	12200	62.60	64600	1.05	
27	10500	54.07	64700	1.25	K 127 WSS30KW-4
31	9320	47.82	64400	1.40	KF 127 WSS30KW-4
37	7830	40.19	63700	1.65	KA 127 WSS30KW-4
41	7060	36.25	63100	1.85	KAF 127 WSS30KW-4
47	6110	31.37	62000	5.1	
53	5390	27.68	61000	2.4	
62	4660	23.91	59600	2.8	
35	8250	42.33	36100	0.90	K 107 WSS30KW-4
40	7210	37.00	37600	1.00	KF 107 WSS30KW-4
47	6100	31.28	38000	1.10	KA 107 WSS30KW-4
					KAF 107 WSS30KW-4
51	5650	29.00	38000	1.25	
56	5130	26.32	38000	1.40	
65	4410	22.62	37700	1.65	
74	3850	19.74	37400	1.85	K 107 WSS30KW-4
88	3260	16.75	36700	2.2	KF 107 WSS30KW-4
100	2850	14.64	36100	2.4	KA 107 WSS30KW-4
109	2620	13.43	34400	1.65	KAF 107 WSS30KW-4
125	2280	11.73	33800	1.90	
148	1940	9.94	33000	2.2	
169	1690	8.69	32200	2.4	
59	4820	24.75	19600	0.90	
66	4360	22.37	20100	1.00	
78	3690	18.96	20700	1.15	K 97 WSS30KW-4
89	3230	16.56	21000	1.35	KF 97 WSS30KW-4
106	2700	13.85	21200	1.60	KA 97 WSS30KW-4
123	2340	11.99	21100	1.65	KAF 97 WSS30KW-4
141	2030	10.41	19500	1.40	
169	1700	8.71	19400	1.55	
37kW					
5.6	58000	261	176000	0.85	
6.6	49200	221	190000	1.00	K 187RF107 WSS37KW-4
7.6	43000	193	190000	1.15	
9.0	36300	163	190000	1.40	
8.1	40000	180	150000	0.80	
9.2	35500	160	150000	0.90	K 167RF107 WSS37KW-4
11	30100	135	150000	1.05	
12	36000	118	150000	1.20	
8.2	43200	179.86	190000	1.15	
8.9	39700	165.21	190000	1.25	
10	34800	144.59	190000	1.45	
11	31200	129.69	190000	1.60	K 187 WSS37KW-4
13	27100	112.60	190000	1.85	
14	24600	102.16	190000	2.0	
17	21200	88.00	190000	2.4	
13	26400	109.83	150000	1.20	
17	21100	87.86	150000	1.50	
19	18800	78.14	150000	1.70	K 167 WSS37KW-4
22	16400	68.07	150000	1.95	
24	14600	60.74	150000	2.2	
28	12400	51.77	150000	2.6	
16	22000	91.65	83600	0.80	K 157 WSS37KW-4
18	19200	79.75	84500	0.95	KF 157 WSS37KW-4
					KA 157 WSS37KW-4
					KAF 157 WSS37KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
37kW					
21	16900	70.38	84800	1.05	
24	14700	61.02	84600	1.25	K 157 WSS37KW-4
27	13000	54.29	84100	1.40	KF 157 WSS37KW-4
31	11200	46.79	83200	1.60	KA 157 WSS37KW-4
39	9140	38.02	81300	1.95	KAF 157 WSS37KW-4
47	7520	31.30	79100	2.4	
23	15000	62.60	57500	0.85	K 127 WSS37KW-4
27	13000	54.07	58500	1.00	KF 127 WSS37KW-4
31	11500	47.82	59000	1.15	KA 127 WSS37KW-4
37	9660	40.19	59100	1.35	KAF 127 WSS37KW-4
41	8710	36.25	59000	1.50	
47	7540	31.37	58500	1.70	
53	6650	27.68	57800	1.95	
62	5740	23.91	56900	2.3	K 127 WSS37KW-4
70	5080	21.15	56000	2.6	KF 127 WSS37KW-4
83	4270	17.77	54500	3.0	KA 127 WSS37KW-4
102	3450	14.35	52500	3.5	KAF 127 WSS37KW-4
115	3070	12.79	50200	2.8	
137	2580	10.74	48600	3.1	
169	2090	8.68	46600	3.5	
40	8890	37.00	29000	0.80	
47	7520	31.28	33000	0.90	
51	6970	29.00	34200	1.05	
56	6320	26.32	34500	1.15	
65	5440	22.62	34700	1.30	
74	4740	19.74	34700	1.50	K 107 WSS37KW-4
88	4020	16.75	34500	1.75	KF 107 WSS37KW-4
100	3520	14.64	34200	1.95	KA 107 WSS37KW-4
109	3230	13.43	32300	1.35	KAF 107 WSS37KW-4
125	2820	11.73	32000	1.55	
148	2390	9.94	31400	1.75	
169	2090	8.69	30900	1.95	
45kW					
6.6	59800	221	172600	0.85	
7.6	52300	193	186100	1.95	K 187RF107 WSS45KW-4
9.0	44200	163	190000	1.15	
11	36600	135	150000	0.85	K 167RF107 WSS45KW-4
12	32000	118	150000	1.00	
8.2	52600	179.86	185500	0.95	
8.9	48300	165.21	190000	1.05	
10	42300	144.59	190000	1.20	
11	37900	129.69	190000	1.30	K 187 WSS45KW-4
13	32900	112.60	190000	1.50	
14	29900	102.16	190000	1.65	
17	25700	88.00	190000	1.95	
20	21600	73.96	187700	2.3	
13	32100	109.83	150000	1.00	
17	25700	87.86	150000	1.25	
19	22800	78.14	150000	1.40	
22	19900	68.07	150000	1.60	K 167 WSS45KW-4
24	17800	60.74	149000	1.80	
28	15100	51.77	145600	2.1	
34	12500	42.89	140600	2.5	
21	20600	70.38	76800	0.85	
24	17800	61.02	77700	1.00	
27	15900	54.29	77900	1.15	
31	13700	46.79	77800	1.30	K 157 WSS45KW-4
39	11100	38.02	76900	1.60	KF 157 WSS45KW-4
47	9150	31.30	75500	1.95	KA 157 WSS45KW-4
53	8080	27.62	74300	2.2	KAF 157 WSS45KW-4
61	7000	23.95	72800	2.6	
69	6230	21.31	71500	2.9	
80	5370	18.37	69700	3.3	
31	14000	47.82	52800	0.95	K 127 WSS45KW-4
37	11700	40.19	53900	1.10	KF 127 WSS45KW-4
41	10600	36.25	54200	1.25	KA 127 WSS45KW-4
					KAF 127 WSS45KW-4
47	9170	31.37	54400	1.40	
53	8090	27.68	54200	1.60	
62	6990	23.91	53800	1.85	K 127 WSS45KW-4
70	6180	21.15	53200	2.1	KF 127 WSS45KW-4
83	5190	17.77	52200	2.5	KA 127 WSS45KW-4
102	4190	14.35	50700	2.9	KAF 127 WSS45KW-4
115	3740	12.79	48300	2.3	
137	3140	10.74	47000	2.5	
169	2540	8.68	45300	2.8	

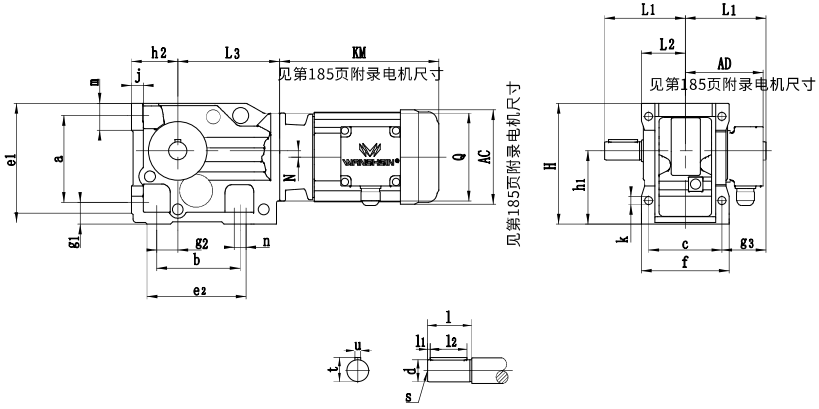
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
45kW					
51	8480	29.00	25600	0.85	K 107 WSS45KW-4
56	7690	26.32	28300	0.95	KF 107 WSS45KW-4
65	6610	22.62	31000	1.10	KA 107 WSS45KW-4
74	5770	19.74	31700	1.25	KAF 107 WSS45KW-4
88	4890	16.75	31900	1.45	
100	4280	14.64	31900	1.60	K 107 WSS45KW-4
109	3930	13.43	29900	1.10	KF 107 WSS45KW-4
125	3940	11.73	29900	1.25	KA 107 WSS45KW-4
148	2910	9.94	29600	1.45	KAF 107 WSS45KW-4
169	2540	8.69	29300	1.60	
55kW					
10	51500	144.59	187400	0.95	
11	46200	129.69	190000	1.10	
13	40100	112.60	188500	1.25	
14	36400	102.16	187100	1.35	K 187 WSS55KW-4
17	31300	88.00	184200	1.60	
20	26300	73.96	180200	1.90	
23	22800	64.04	176300	2.0	
17	31300	87.86	145300	1.00	
19	27800	78.14	144600	1.15	
22	24200	68.07	143300	1.30	
24	21600	60.74	141700	1.50	K 167 WSS55KW-4
28	18400	51.77	139100	1.75	
34	15300	42.89	135400	2.1	
40	13000	36.61	131900	2.5	
24	21700	61.02	69000	0.85	
27	19300	54.29	70200	0.95	
32	16700	46.79	71200	1.10	
39	13500	38.02	71500	1.35	
47	11100	31.30	71000	1.60	K 157 WSS55KW-4
53	9840	27.62	70400	1.85	KF 157 WSS55KW-4
62	8530	23.95	69400	2.1	KA 157 WSS55KW-4
69	7590	21.31	68400	2.4	KAF 157 WSS55KW-4
80	6540	18.37	67000	2.8	
99	5310	14.92	64800	3.4	
117	4510	12.65	62900	3.8	
37	14300	40.19	47400	0.90	K 127 WSS55KW-4
47	11200	31.37	49300	1.15	KF 127 WSS55KW-4
53	9850	27.68	49700	1.30	KA 127 WSS55KW-4
					KAF 127 WSS55KW-4
62	8510	23.91	49900	1.55	
70	7530	21.15	49800	1.75	K 127 WSS55KW-4
83	6330	17.77	49300	2.0	KF 127 WSS55KW-4
103	5110	14.35	48300	2.4	KA 127 WSS55KW-4
115	4550	12.79	45900	1.85	KAF 127 WSS55KW-4
137	3830	10.74	45000	2.1	
170	3090	8.68	43600	2.3	
75kW					
11	62800	129.69	164100	0.80	
13	54500	112.60	166100	0.90	
14	49400	102.16	166600	1.00	
17	42600	88.00	166600	1.15	
20	35800	73.96	165300	1.40	K 187 WSS75KW-4
23	31000	64.04	163400	1.60	
28	25800	53.36	160100	1.95	
33	22000	45.50	156700	2.3	
19	37800	78.14	126100	0.85	
22	32900	68.07	127100	0.95	
24	29400	60.74	127300	1.10	
29	25100	51.77	126800	1.30	
35	20800	42.89	125200	1.55	K 167 WSS75KW-4
40	17700	36.61	123200	1.80	
46	15600	32.25	121300	2.0	
51	13900	28.77	119300	2.3	
60	11900	24.52	116300	2.7	
39	18400	38.02	60800	1.00	
47	15100	31.30	62200	1.20	
54	13400	27.62	62600	1.35	K 157 WSS55KW-4
62	11600	23.95	62600	1.55	KF 157 WSS55KW-4
69	10300	21.31	62400	1.75	KA 157 WSS55KW-4
81	8890	18.37	61800	2.0	
99	7220	14.92	60500	2.5	KAF 157 WSS55KW-4
117	6120	12.65	59300	2.8	
47	15200	31.37	39200	0.85	
53	13400	27.68	40800	0.95	
62	11600	23.91	42200	1.10	
70	10200	21.15	42900	1.25	K 127 WSS55KW-4
83	8600	17.77	43500	1.50	KF 127 WSS55KW-4
103	6940	14.35	43700	1.75	KA 127 WSS55KW-4
116	6190	12.79	41100	1.40	
138	5200	10.74	41000	1.55	KAF 127 WSS55KW-4
171	4200	8.68	40400	1.70	

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

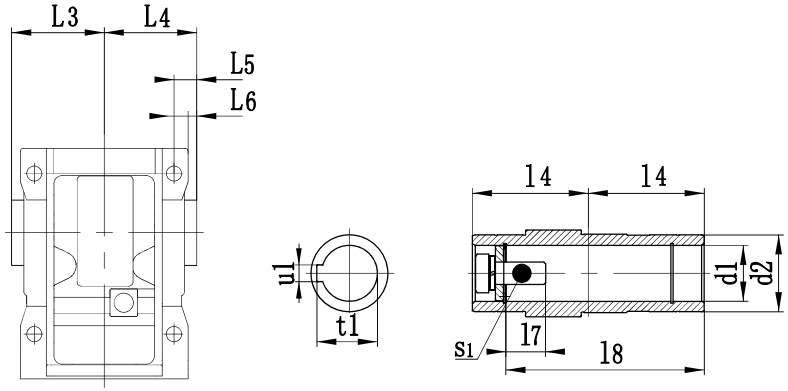
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B			机型号 Model
90kW							
14	59300	102.16	151300	0.85			
17	51100	88.00	153400	0.95			
20	42900	73.96	154200	1.10			
23	37200	64.04	153800	1.25	K	187	WSS90KW-4
28	31000	53.36	152200	1.60			
33	26400	45.50	149900	1.90			
35	24700	42.51	148700	2.0			
38	22400	38.57	146900	2.2			
22	39500	68.07	115100	0.80			
24	35300	60.74	116600	0.90			
29	30100	51.77	117600	1.05			
35	24900	42.89	117600	1.30			
40	21300	36.61	116700	1.50	K	167	WSS90KW-4
46	18700	32.25	115500	1.70			
51	16700	28.77	114200	1.90			
60	14200	24.52	111900	2.2			
73	11800	20.32	108800	2.7			
85	10100	17.34	106000	3.2			
39	22100	38.02	52700	0.80			
47	18200	31.30	55500	1.00	K	157	WSS90KW-4
54	16000	27.62	56700	1.10	KF	157	WSS90KW-4
62	13900	23.95	57500	1.30	KA	157	WSS90KW-4
69	12400	21.31	57900	1.45	KAF	157	WSS90KW-4
81	10700	18.37	57900	1.70			
99	8670	14.92	57400	2.1			
117	7350	12.65	56600	2.3			
62	13900	23.91	36400	0.95			
70	12300	21.15	37800	1.05	K	127	WSS90KW-4
83	10300	17.77	39200	1.25	KF	127	WSS90KW-4
103	8330	14.35	40200	1.45	KA	127	WSS90KW-4
116	7420	12.79	37600	1.15	KAF	127	WSS90KW-4
138	6240	10.74	38000	1.30			
171	5040	8.68	38000	1.45			
110kW							
17	62300	88.00	136000	0.80			
20	52300	73.96	139500	0.95			
23	45300	64.04	141000	1.10			
28	37700	53.36	141500	1.30			
33	32200	45.50	140800	1.55	K	127	WSS110KW-4
35	30100	42.51	140200	1.65			
39	27300	38.57	139100	1.85			
45	23500	33.23	137000	2.1			
53	19800	27.92	134000	2.5			
29	36600	51.77	105500	0.85			
35	30300	42.89	107500	1.05			
41	25900	36.61	108100	1.25			
46	22800	32.25	107900	1.40			
52	20400	28.77	107400	1.55	K	167	WSS110KW-4
61	17300	24.52	106100	1.85			
73	14400	20.32	104000	2.2			
86	12300	17.34	101800	2.6			
62	16900	23.95	50800	1.05	K	157	WSS110KW-4
70	15100	21.31	51900	1.20	KF	157	WSS110KW-4
81	13000	18.37	52700	1.40	KA	157	WSS110KW-4
100	10600	14.92	53100	1.70	KAF	157	WSS110KW-4
117	8950	12.65	53000	1.90			
132kW							
20	62800	73.96	123300	0.80			
23	54400	64.04	127000	0.90			
28	45300	53.36	129800	1.10			
33	38600	45.50	130800	1.30			
35	36100	42.51	130900	1.40			
39	32700	38.57	130700	1.55	K	187	WSS110KW-4
45	28200	33.23	129800	1.75			
53	23700	27.92	127900	2.1			
61	20500	24.18	125900	2.3			
74	17100	20.15	122800	2.6			
86	14600	17.18	119700	2.8			
35	36400	42.89	96400	0.90			
41	31100	36.61	98600	1.05			
46	27400	32.25	99600	1.15			
52	24400	28.77	99900	1.30	K	167	WSS110KW-4
61	20800	24.52	99800	1.55			
73	17200	20.32	98700	1.85			
86	14700	17.34	97300	2.2			
62	20300	23.95	43400	0.90	K	157	WSS132KW-4
70	18100	21.31	45300	1.00	KF	157	WSS132KW-4
81	15600	18.37	47000	1.15	KA	157	WSS132KW-4
100	12700	14.92	48500	1.40	KAF	157	WSS132KW-4
117	10700	12.65	49100	1.60			

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B			机型号 Model
160kW							
28	54900	53.36	114900	0.90			
33	46800	45.50	118100	1.05			
45	34200	33.23	120500	1.45			
53	28700	27.92	120100	1.75	K	187	WSS60KW
61	24900	24.18	119100	1.90			
74	20700	20.15	117200	2.1			
86	17700	17.18	114900	2.3			
41	37700	36.61	86500	0.85			
61	25200	24.52	91700	1.25	K	167	WSS160KW-4
73	20900	20.32	92000	1.55			
86	17800	17.34	91600	1.80			
81	18900	18.37	39800	0.95	K	157	WSS160KW-4
100	15400	14.92	42600	1.15	KF	157	WSS160KW-4
117	13000	12.65	44100	1.30	KA	157	WSS160KW-4
					KAF	157	WSS160KW-4
200kW							
33	58500	45.50	100000	0.85			
45	42700	33.23	107300	1.15			
53	35900	27.92	109000	1.40	K	187	WSS200KW-4
61	31100	24.18	109500	1.55			
74	25900	20.15	109100	1.70			
86	22100	17.18	108100	1.85			
61	31500	24.52	80100	1.00			
73	26100	20.32	82400	1.20	K	167	WSS200KW-4
86	22300	17.34	83400	1.45			
100	19200	14.92	34200	0.95	K	157	WSS200KW-4
117	16300	12.65	36900	1.05	KF	157	WSS200KW-4
					KA	157	WSS200KW-4
					KAF	157	WSS200KW-4

K37..~K157..



KA37B..~KA157B..

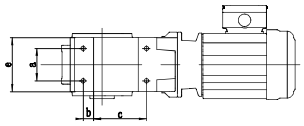


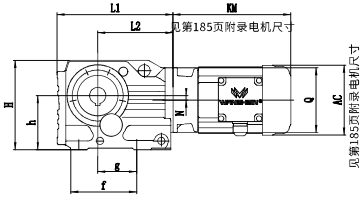
K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

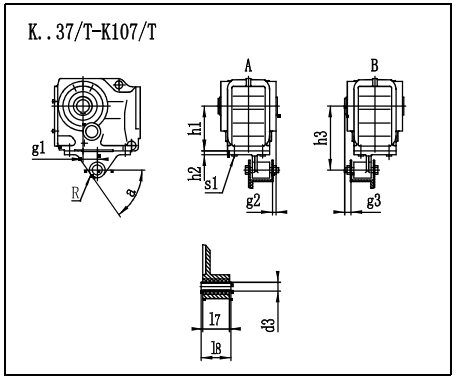
型号 Size	a b c	e1 e2 f	g1 g2 g3	h1 h2	j	k	m n	轴伸尺寸 Shaft dimension				
								d	l	l1 l2	S	t u
K37.. KA37B..	115 110 100	150 143 120	32 28 60	$100_{-0.5}$ $63_{-0.5}$	16	11	37 38	25k6	50	5 40	M10	28 8
K47.. KA47B..	130 130 120	170 162 145	37 35 75	$112_{-0.5}$ $71_{-0.5}$	18	11	37 32	30k6	60	3.5 50	M10	33 8
K57.. KA57B..	150 130 130	190 172 157	45 30 88	$132_{-0.5}$ $80_{-0.5}$	21	13.5	43 30	35k6	70	7 56	M12	38 10
K67.. KA67B..	160 120 140	203 170 170	45 30 101	$140_{-0.5}$ $90_{-0.5}$	24	13.5	43 45	40k6	80	5 70	M16	43 12
K77.. KA77B..	200 150 165	263 208 200	55 40 123.5	$180_{-0.5}$ $112_{-0.5}$	27	17.5	55 55	50k6	100	10 80	M16	53.5 14
K87.. KA87B..	233 180 180	305 260 230	70 55 150	$212_{-0.5}$ $132_{-0.5}$	32	22	67 75	60m6	120	5 110	M20	64 18
K97.. KA97B..	295 240 240	372 294 290	75 75 171	265_{-1} $160_{-0.5}$	36	26	82 60	70m6	140	7.5 125	M20	74.5 20
K107.. KA107B..	360 280 270	448 380 340	95 95 212	315_{-1} $200_{-0.5}$	40	33	98 100	90m6	170	5 160	M24	95 25
K127.. KA127B..	420 350 330	526 440 400	110 115 253	375_{-1} $225_{-0.5}$	45	39	111 100	110m6	210	15 180	M24	116 28
K157.. KA157B..	500 380 420	634 480 500	130 140 247	450_{-1} $280_{-0.5}$	50	39	130 100	120m6	210	5 200	M24	127 32

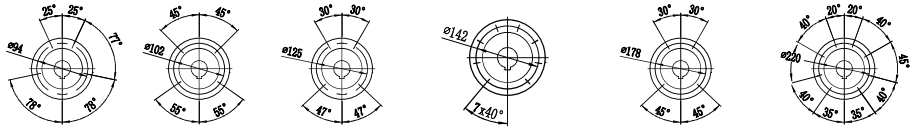
型号 Size	空心轴尺寸 Hollow shaft dimension							H	L1 L2	L3	N	Q
	d1	d2	l3 l4	l5 l6	l7 l8	s1	t1 u1					
K37.. KA37B..	-	-	-	-	-	-	-	165	110 60	139	8.5	120
K47.. KA47B..	35^{H7}	50	78 75	15 3	22 132	M12X30	38.3 10	185	135 72	166	7.2	160
K57.. KA57B..	40^{H7}	55	86 83	18 3	29 142	M16X40	43.3 12	217	153 80	173	13.1	160
K67.. KA67B..	40^{H7}	55	93 90	20 3.5	29 156	M16X40	43.3 12	228	171 86.5	179	20	160
K77.. KA77B..	50^{H7}	70	108 105	22.5 4	32 183	M16X45	53.8 14	288	206 101	202	31.3	200
K87.. KA87B..	60^{H7}	85	123 120	30 4	36 210	M20X50	64.4 18	340	240 116	257	25.9	250
K97.. KA97B..	70^{H7}	95	153 150	30 4	34 270	M20X50	74.9 20	417	291 146	277	32.3	300
K107.. KA107B..	90^{H7}	118	178 175	40 2.5	40 313	M24X60	95.4 25	503	347 175	341	52	350
K127.. KA127B..	100^{H7}	135	208 205	40 2.5	38 373	M24X60	106.4 28	592	418 203	390	53	450
K157.. KA157B..	120^{H7}	155	253 250	40	36 460	M24X60	127.4 32	705	457 250	426	71.7	550

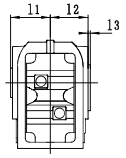
KA37/T..~KA107

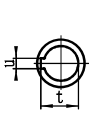


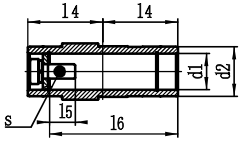








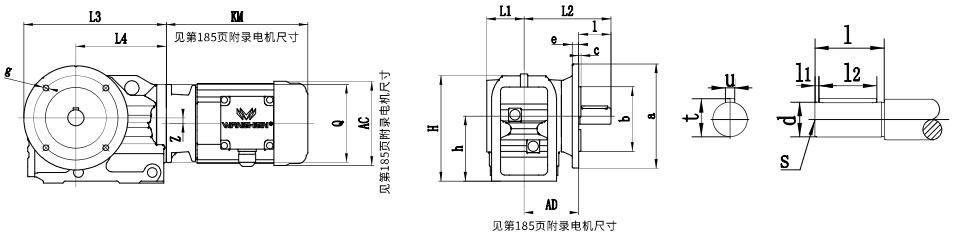




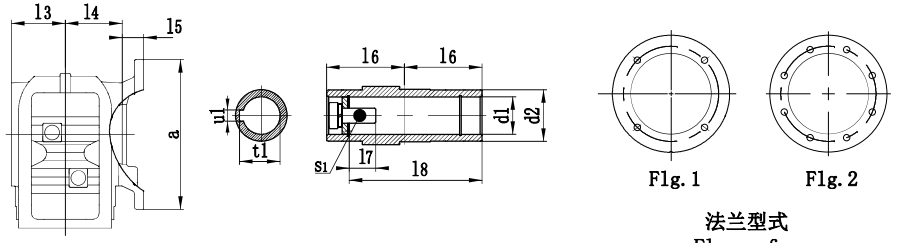
K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

型号 Size	a b c	e f g	h	k m n	p q	空心轴尺寸 Hollow shaft dimension				扭矩臂尺寸 Torque arm form				H L_2 L_3	N Q
						d_1 d_2	l_1 l_4 l_2	l_4 l_5 l_6	s t u	g_1 g_2 g_3	h_1 h_2 h_3	d_3 l_7 l_8	r s_1 ≤		
KA 37.. K..37/T..	60 35 82	100 147 97	100-0.5	20 M10 4	12 M8	30^{H7} 45	63 60 2.5	60 17 105	M10 33.3 8	23.5 20 20	$100_{-0.5}$ 10 $140^{+0.2}_{+0.7}$	$10.4_{\pm 0.1}$ 31 $36_{-0.3}$	22.5 M10X25 60°	164 210 139	8.5 120
KA 47.. K..47/T..	70 40 100	110 170 115	112-0.5	20 M10 4	12 M8	35^{H7} 50	78 75 3	75 22 132	M12 38.3 10	30 20 20	$112_{-0.5}$ 12 $160^{+0.2}_{+0.7}$	$10.4_{\pm 0.1}$ 31 $36_{-0.3}$	22.5 M10X30 55°	185 243 166	7.2 160
KA 57.. K..57/T..	88 47 105	122 182 120	132-0.5	25 M12 5	20 M12	40^{H7} 55	86 83 3	83 29 142	M16 43.3 12	40 18 18	$132_{-0.5}$ 13 $192^{+0.2}_{+0.7}$	$16.4_{\pm 0.08}$ 54 $60_{-0.3}$	29 M12X35 55°	215 269 173	13.1 160
KA 67.. K..67/T..	88 42 110	130 182 125	140-0.5	25 M12 5	20 M12	40^{H7} 55	94 90 3.5	90 29 156	M16 43.3 12	45 25 25	$140_{-0.5}$ 13 $200^{+0.2}_{+0.7}$	$16.4_{\pm 0.08}$ 54 $60_{-0.3}$	29 M12X35 55°	226 274 179	20 160
KA 77.. K..77/T..	102 48 122	154 204 139	180-0.5	32 M16 6	20 M12	50^{H7} 70	108 105 4	105 32 183	M16 53.8 14	52.5 25 25	$180_{-0.5}$ 14 $250^{+0.2}_{+0.7}$	$16.4_{\pm 0.08}$ 54 $60_{-0.3}$	29 M16X40 60°	286 312 202	31.3 200
KA 87.. K..87/T..	118 65 160	170 280 190	212-0.5	32 M16 6	26 M16	60^{H7} 85	123 120 4	120 36 4	M20 64.4 18	60 30 30	$212_{-0.5}$ 16 $300^{+0.2}_{+0.7}$	$25_{\pm 0.08}$ 72 $80_{-0.3}$	41 M16X45 60°	338 390 257	25.9 250
KA 97.. K..97/T..	160 83 165	226 298 190	265-1	36 M20 6	26 M16	70^{H7} 95	153 150 4	150 34 270	M20 74.9 20	70 40 40	265_{-1} 17 $350^{+0.2}_{+1.2}$	$25_{\pm 0.08}$ 92 $100_{-0.3}$	41 M20X50 50°	414 435 277	32.3 300
KA 107.. K..107/T..	190 100 190	266 370 230	315-1	44 M24 8	- -	90^{H7} 118	178 175 2.5	175 40 313	M24 95.4 25	74 45 45	315_{-1} 20 $450^{+0.5}_{+1.5}$	$25_{\pm 0.08}$ 92 $100_{-0.3}$	41 M24X60 55°	500 537 341	52 350

KF37..~KF157..



KAF37..~KAF157..



Flg. 1 Flg. 2

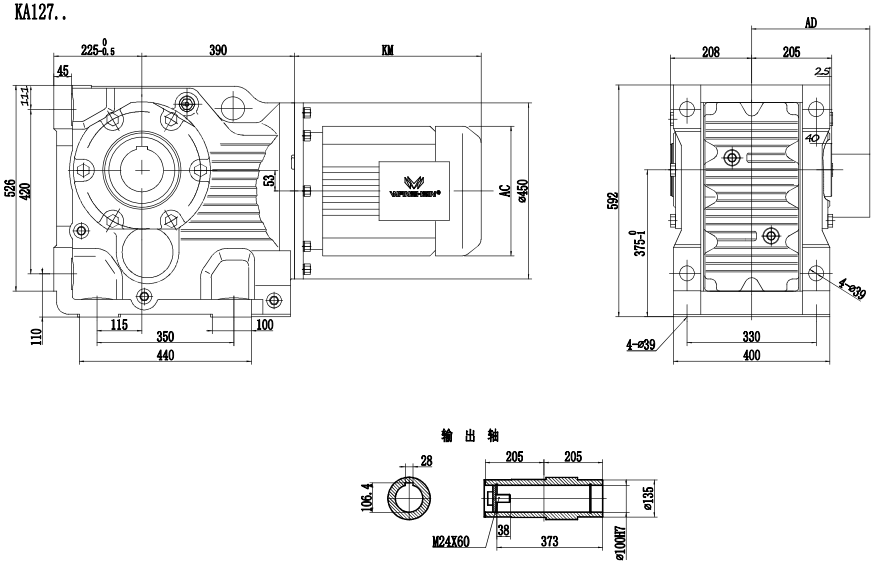
法兰型式
Flange form

型号 Size	a b c	e m D	D_1 D_2 L	L_1 L_2 L_3	L_4 f n	l	l_1	l_2	l_3	l_4	l_5	l_6	d	d_1	d_2	d_3	u	T	s
KF37.. KHZ37..	3 11.5 12	9 M8 80j6	110 9 139	210 97 147	60 94 8.5	60 86	17 60	105 31	63 20	- 36	- 25	- 95	30H7 30H7	45 45	- 30h6	- 75	8 -	33.3 -	M10*25 -
KF47.. KHZ47..	3 11 12	8.5 M8 80j6	120 9 166	243 115 170	75 102 7.2	75 102	22 75	132 32	78 20	- 37	- 25	- 110	35H7 35H7	50 50	- 35h6	- 83	10 -	38.3 -	M12*25 -
KF57.. KHZ57..	3.5 12 20	9 M12 105j6	155 13.9 173	269 120 182	90 125 13.1	83 112	29 83	142 26	86 20	- 31	- 25	- 117	40H7 40H7	55 55	- 40h6	- 83	12 -	43.3 -	M16*40 -
KF67.. KHZ67..	3.5 12 20	8.5 M12 105j6	155 13.5 179	274 125 182	105 125 20	90 118	29 90	156 38	94 20	- 43	- 25	- 126	40H7 40H7	55 55	- 40h6	- 93	12 -	43.3 -	M16*40 -
KF77.. KHZ77..	3.5 14 20	10 M12 125j6	170 13.5 202	312 139 204	105 142 31.3	105 136	32 105	183 36	108 30	- 41	- 35	- 146	50H7 50H7	70 70	- 50h6	- 114	14 -	53.8 -	M16*45 -
KF87.. KHZ87..	4 15 26	11 M16 155j6	215 17.5 257	390 190 280	120 178 25.9	120 161	36 120	210 41	123 40	- 46	- 45	- 170	60H7 65H7	85 85	- 65h6	- 159	18 -	64.4 -	M20*50 -
KF97.. KHZ97..	4 18 26	14 M16 180j6	260 17.5 277	435 190 298	150 220 32.5	150 195	34 150	270 55	153 50	- 60	- 55	- 206	70H7 75H7	95 95	- 75h6	- 174	20 -	74.9 -	M20*50 -
KF107.. KHZ107..	4 22 30	-12 M20 210j6	304 22 341	537 230 370	175 260 52	175 230	40 175	313 65	178 60	- 75	- 70	- 245	90H7 95H7	118 118	- 95h6	- 200	25 -	95.4 -	M24*50 -
KF127.. KHF127..	5 30 28	0 M20 250h6	350 22 390	615 288 440	205 300 53	205 280	38 205	373 85	208 70	- 95	- 80	- 296	100H7 105H7	135 135	- 105h6	- 233	28 -	106.4 -	M24*60 -
KF157.. KHZ157..	5 28 36	-14 M24 290h6	400 26 426	706 298 480	250 340 71.7	250 330	36 250	460 90	253 80	- 100	- 90	- 370	120H7 125H7	155 155	- 125h6	- 315	32 -	127.4 -	- -

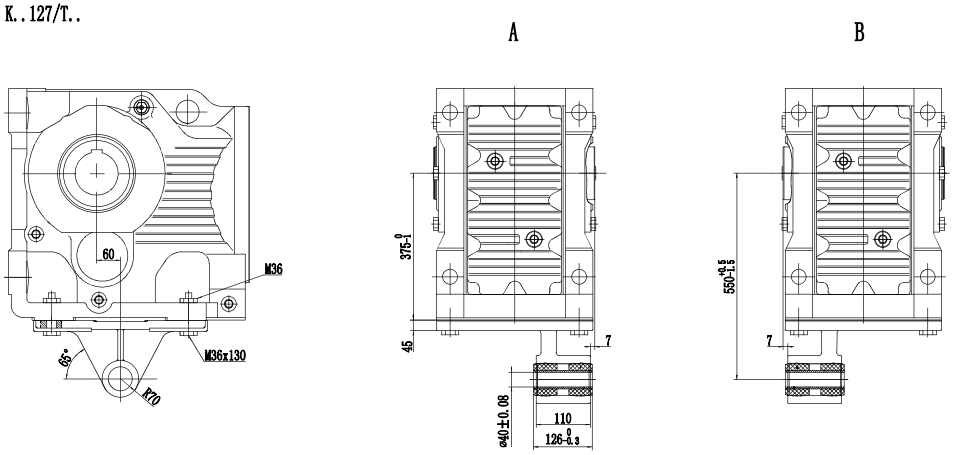
K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

KA127..

KA127..

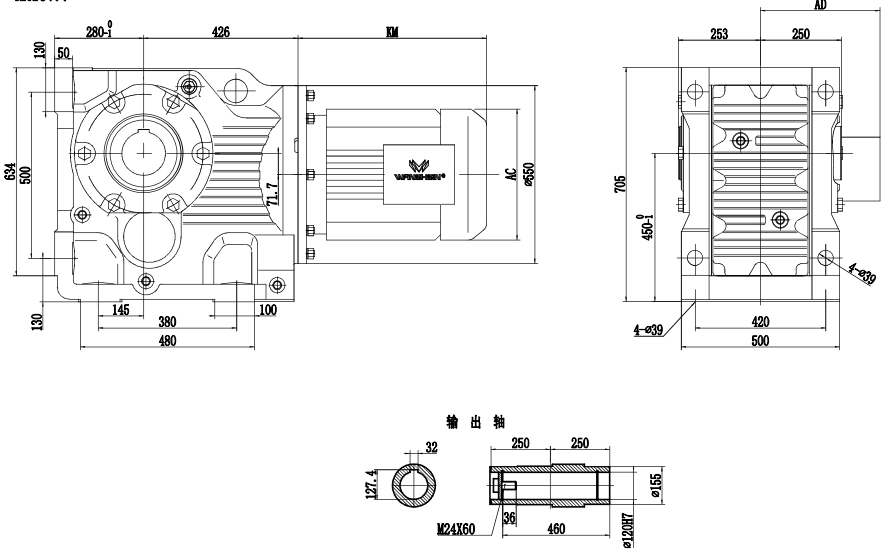


K..127/T..

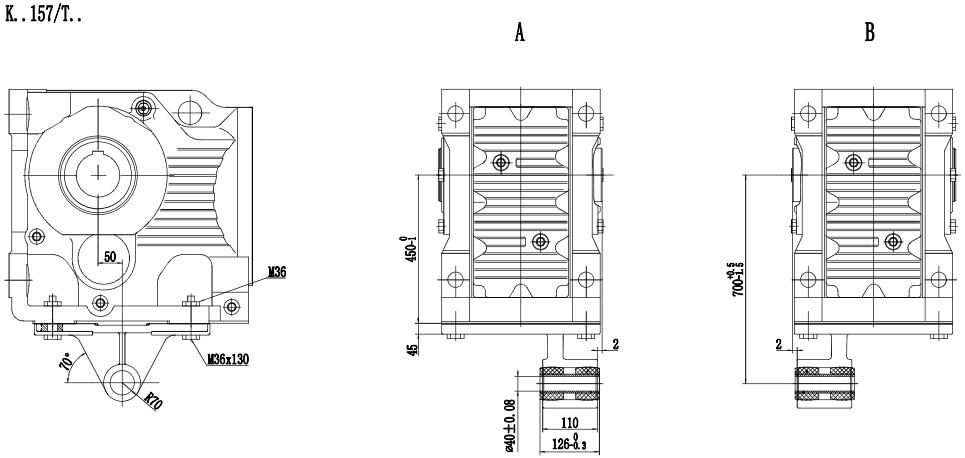


KA157..

KA157..

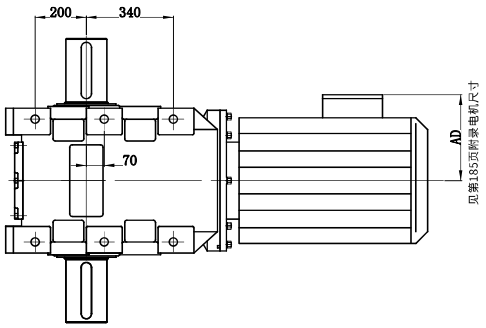


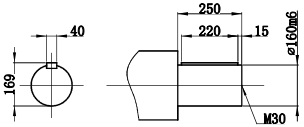
K..157/T..

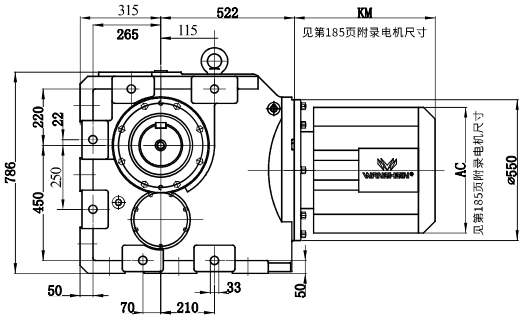


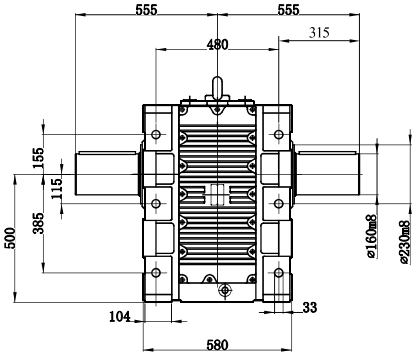
K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

KA167..

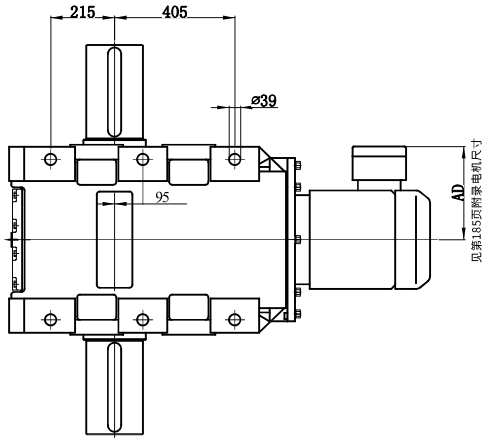


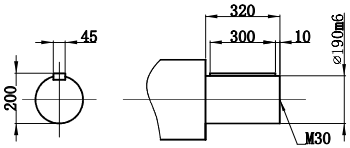


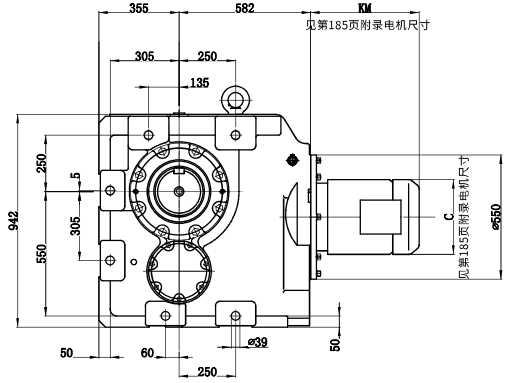


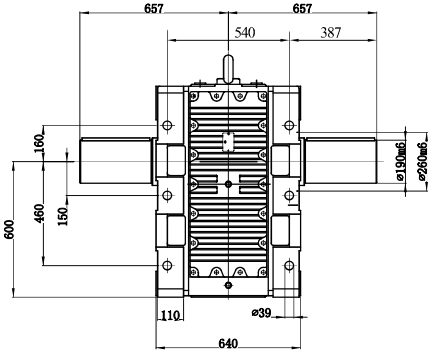


KA187..



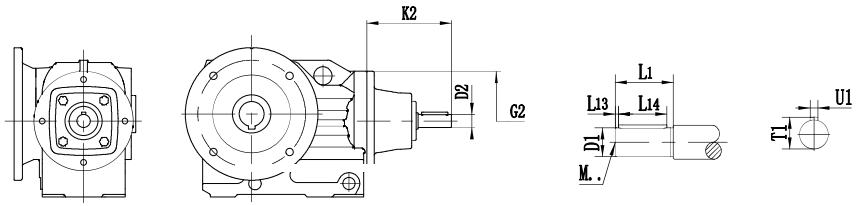






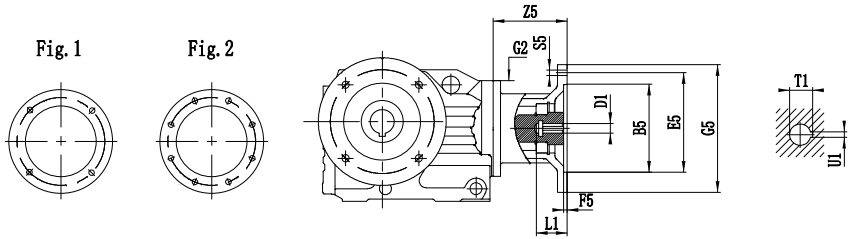
K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

K..AD..



		G2	K2	D1	L1	L13	L14	T1	U1	M
K..37	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
K..47 K..57 K..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
K..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
K..87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
K..97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16
K..107	AD3	350	145	28	60	5	50	31	8	M10
	AD4		208	38	80	5	70	41	10	M12
	AD5		281	42	110	10	70	45	12	M16
	AD6		321	48	110	10	80	51.5	14	M16
K..127	AD4	450	193	38	80	5	70	41	10	M12
	AD5		266	42	110	10	70	45	12	M16
	AD6		306	48	110	10	80	51.5	14	M16
	AD7		300	55	110	10	90	59	16	M20
	AD8		383	70	140	15	110	74.5	20	M20
K..157 K..167 K..187	AD5	550	258	42	110	10	70	45	12	M16
	AD6		298	48	110	10	80	51.5	14	M16
	AD7		292	55	110	10	90	59	16	M20
	AD8		374	70	140	15	110	74.5	20	M20

K..AM..



			B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
K..37	AM63	Fig1	95	115	3.5	120	140	M8	72	11	23	12.8	4
	AM71″	1	110	130			160			14	30	16.3	5
	AM80″		130	165	4.5		200	M10	106	19	40	21.8	6
	AM90″									24	50	27.3	8
K..47 K..57 K..67	AM63	1	95	115	3.5	160	140	M8	66	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	99	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100″		180	215	5		250	M12	134	28	60	31.3	8
	AM112″												
K..77	AM63	1	95	115	3.5	200	140	M8	60	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	92	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100″		180	215	5		250	M12	126	28	60	31.3	8
	AM112″												
	AM132S″ AM132M″		230	265	5		300		179	38	80	41.3	10
	AM132ML												
K..87	AM80	1	130	165	4.5	250	200	M10	87	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	121	28	60	31.3	8
	AM112												
	AM132S AM132M		230	265			300		174	38	80	41.3	10
	AM132ML												
	AM160″		250	300	6		350	M16	232	42	110	45.3	12
	AM180″									48		51.8	14
K..97	AM100	1	180	215	5	300	250	M12	116	28	60	31.3	8
	AM112												
	AM132S		230	265			300		169	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	227	42	110	45.3	12
	AM180									48		51.8	14
	AM200"		300	350			400		268	55		59.3	16
	AM225"	2	350	400	7		450		283	60	140	64.4	18

1). 如果安装右K系列，底脚安装方式的减速机上，请检查尺寸G5/2，它可能已突出安装平面。

K系列斜齿轮-伞齿轮减速机/K Helical-Bevel Geared Motor

K..AM..

Fig. 1 Fig. 2

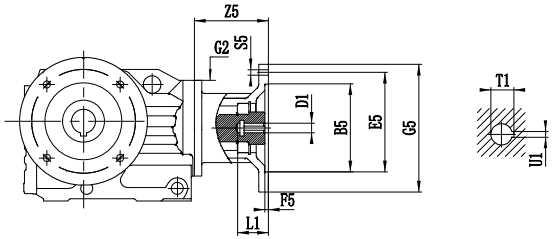
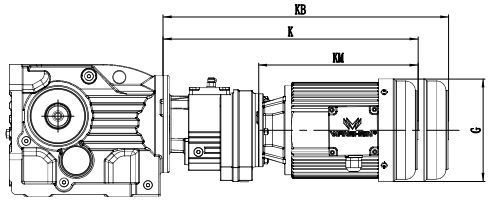


		Fig	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
K..107	AM100	1	180	215	5	350	250	M12	110	28	60	31.3	8
	AM112												
	AM132S		230	265			300		163	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	221	42	110	45.3	12
	AM180									48		51.8	14
	Am200		300	350			400		262	55		59.3	16
	Am225	2	350	400	7		450		277	60	140	64.4	18
K..127	AM132S	1	230	265	5	450	300	M12	148	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	206	42	110	45.3	12
	AM180									48		51.3	14
	AM200		300	350	7		400		247	55		59.3	16
	AM225	2	350	400			450		262	60	140	64.4	18
	AM250		450	500			550		336	65		49.4	
	AM280									75		79.9	20
K..157 K..167 K..187	AM160	1	250	300	6	550	350	M16	198	42	110	45.3	12
	AM180									48		51.8	14
	AM200		300	350	7		400		239	55		59.3	16
	AM225	2	350	400			450		254	60	140	64.4	18
	AM250		450	500			550		328	65		69.4	
	AM280									75		79.9	20

K..R..



型号组合	功率(KW)	AC	K	KB	KM
K..47R37 K..57R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
K..67R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
	1.1-1.5	192	463	508.5	298
K..77R37	0.18	129	363.5	400	206.5
	0.25-0.37	129	364/367.5	399.5/413	207/219.5
	0.55-0.75	169	403.5/404	448.5/449	246.5/247
	1.1-1.5	192	455	500.5	298
K..87R57	0.18	129	422.5	459	206.5
	0.25-0.37	129	423/433.5	458.5/472	207/219.5
	0.55-0.75	169	462.5/463	507.5/508	246.5/247
	1.1-1.5	192	514	559.5	298
	2.2	219	538.5	600.5	322.5
	3	219	538.5	600.5	322.5
K..97R57	0.18	129	417.5	454	206.5
	0.25-0.37	129	418/430.5	453.5/467	207/219.5
	0.55-0.75	169	475.5/458	502.5/503	246.5/247
	1.1-1.5	192	509	554.5	298
	2.2	219	533.5	595.5	322.5
	3	219	533.5	595.5	322.5
	4	219	549.5	611.5	338.5
K..107R77	0.18	129	453.5	490	206.5
	0.25-0.37	129	454/466.5	489.5/503	207/219.5
	0.55-0.75	169	493.5/494	538.5/539	246.5/247
	1.1-1.5	192	545	590.5	298
	2.2	219	569.5	631.5	322.5
	3	219	569.5	631.5	322.5
	4	219	585.5	647.5	338.5
	5.5	257	656	724	409
	7.5	257	699	767	452
	9.2	257	699	767	452
	11	318	755	855	508

型号组合	功率(KW)	AC	K	KB	KM
K..127R87	1.1-1.5	192	578	623.5	298
	2.2	219	602.5	664.5	322.5
	3	219	602.5	664.5	322.5
	4	219	618.5	680.5	338.5
	5.5	257	689	757	409
	7.5	257	732	800	452
	9.2	257	732	800	452
	11	318	788	888	508
	15	318	788	888	508
	18.5	380	844	944	564
K..157R97 K..167R97 K..187R97	0.55-0.75	169	571.5/572	616.5/617	246.5/247
	1.1-1.5	192	623	668.5	298
	2.2	219	647.5	709.5	322.5
	3	219	647.5	709.5	322.5
	4	219	663.5	725.5	338.5
	5.5	257	734	802	409
	7.5	257	777	845	452
	9.2	257	777	845	452
	11	318	833	933	508
	15	318	833	933	508
	18.5	380	889	989	564
K..157R107 K..167R107 K..187R107	2.2	219	704.5	766.5	322.5
	3	219	704.5	766.5	322.5
	4	219	720.5	782.5	338.5
	5.5	257	791	859	409
	7.5	257	834	902	452
	9.2	257	834	902	452
	11	318	890	990	508
	15	318	890	990	508
	18.5	380	946	1046	564

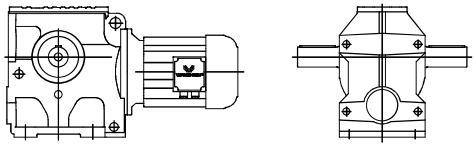
注:上表中电机尺寸为参考尺寸,因空间限制对电机尺寸有严格要求时请向我公司咨询。
Notes:The dimension of motor in the above table is only reference.If you have special requirement, Please consult us.

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

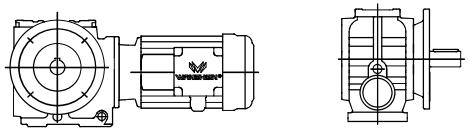
8.S系列斜齿轮—蜗轮蜗杆减速机
8.S Helical-Worm Geared Motor

8.1 设计方案
8.1 Versions geared motors

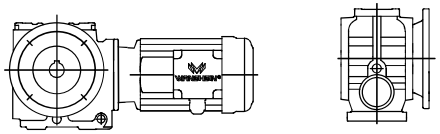
斜齿轮-蜗轮蜗杆齿轮减速电机有以下设计方案：
The following types of helical-worm gearmotor can be supplied：



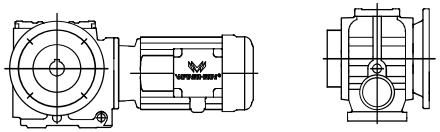
S..D..
底脚安装斜齿轮——蜗轮蜗杆齿轮减速电机
Foot-mounted helical-worm gear motor



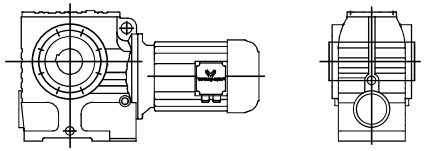
SF..D..
法兰安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor flange-mounted version



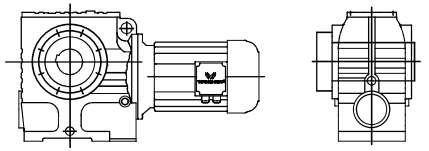
SAF..D..
B5法兰空心轴安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor in B5 flange-mounted version with hollow shaft.



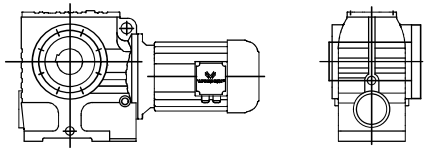
SHF..D..
B5法兰空心轴锁紧盘安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor in B5 flange-mounted version with hollow shaft and shrink disk.



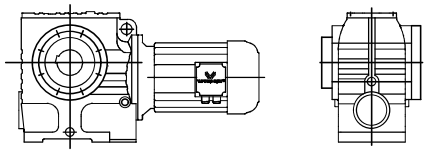
SA..D..
空心轴安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor with hollow shaft.



SH..D..
空心轴锁紧盘安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor with hollow shaft and shrink disk.



SAZ..D..
B14法兰空心轴安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor in B14 flange-mounted version with hollow shaft.



SHZ..D..
B14法兰空心轴锁紧盘安装斜齿轮——蜗轮蜗杆齿轮减速电机
Helical-worm gear motor in B14 flange-mounted version with hollow shaft and shrink disk.

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

8.2 可行的组合方式
8.2 Type of Combination

以下是斜齿轮蜗杆减速机与交流（带制动）电机的组合列表。表中给出了每种组合的速比范围。
The below is combination table between gear box and electro motor in each list the ratio range.

减速器型号 Gear unit size	级 Stages	D63/71 (0.12-0.37KW)	D80 (0.55-0.75KW)	D90 (1.1-1.5KW)	D100 (2.2-3.0KW)	D112 (4.0KW)	D132S (5.5KW)	D132M (7.5KW)
S/SF/SA/SAF37	2	6.80-18.24 19.89-51.30 55.93-157.43	6.80-15.53 19.13 22.50-43.68 53.83 63.33-122.94	6.80-13.39 19.13 22.50-37.66 53.83 63.33-106.00				
S/SF/SA/SAF47	2	7.28-17.62 20.33-54.59 63.80-201.00	7.28-17.62 20.33-54.59 67.20 71.75-158.12	7.28-19.54 23.20-47.32 56.61 67.20 71.75-137.05	7.28-14.24 19.54 23.20-38.23 56.61 67.20 71.75-110.73			
S/SF/SA/SAF57	2	7.28-17.62 20.33-54.59 63.80-201.00	7.28-17.62 20.33-54.59 67.20 71.75-158.12	7.28-19.54 23.20-47.32 56.61 67.20 71.75-137.05	7.28-14.24 19.54 23.20-38.23 56.61 67.20 71.75-110.73			
S/SF/SA/SAF67	2	11.03-17.28 20.37-23.22 24.44 29.63-54.70 62.35-65.63 75.06 85.83-217.41	8.69-17.28 20.37-23.22 24.44-54.70 62.35-65.63 75.06 85.83-217.41	7.56-17.28 20.37-23.22 24.44-54.70 62.35-65.63 78.00-190.1	7.56-17.28 20.37 23.33 26.93-54.70 67.57 78.00-158.45	7.56-20.30 23.33 26.93-46.40 58.80 67.57 78.00-134.40	7.56-13.73 20.30 23.33 26.93-36.85 58.80 67.57 78.00-106.75	7.56-13.73 20.30 23.33 26.93-36.85 58.80 67.57 78.00-106.75
S/SF/SA/SAF77	2	15.28-18.42 20.99 22.89 35.94-53.87 63.03 71.33-75.09 107.83-256.47	12.07-18.42 20.99 22.89 28.41-53.87 63.03 71.33-75.09 85.22-256.47	8.06-18.42 20.99 22.89-75.09 85.22-225.26	8.06-18.42 20.99 22.89-66.67 75.20-189.09	8.06-18.42 20.99 22.89-56.92 66.67 75.20-161.60	8.06-18.97 22.22 25.07-43.33 56.92 66.67 75.20-130.00	8.06-18.97 22.22 25.07-43.33 56.92 66.67 75.20-130.00
S/SF/SA/SAF87	2		17.49-19.70 21.43 25.50 39.10-57.00 64.27-70.43 81.76 91.20	12.21-19.70 21.43 25.50-57.00 64.27-70.43 81.76-288.00	9.07-19.70 21.43 25.50-57.00 64.27-86.15 99.26-258.18	9.07-19.70 21.43 25.50-57.00 64.27-77.14 86.15 99.26-222.40	7.88-19.70 21.43 25.50-64.00 77.14 86.15 99.26-180.00	7.88-19.70 21.43 25.50-64.00 77.14 86.15 99.26-180.00
S/SF/SA/SAF97	2		23.59 26.39 49.87-60.59 71.43 80.85 161.74-286.40	17.05-23.59 26.39 36.05-60.59 71.43 80.85 116.92-286.40	13.07-23.59 26.39 32.60-60.59 71.43 80.85-286.40	13.07-23.59 26.39 32.60-60.59 71.43 80.85-286.40	8.26-23.59 26.39 32.60-78.26 89.60-231.67	8.26-23.59 26.39 32.60-78.26 89.60-231.67

减速机型号 Gear unit size	级 Stages	D132ML (9.2KW)	D160M (11KW)	D160L (15KW)	D180 (18.5KW)			
S/SF/SA/SAF77	2	8.06-13.76 18.97 22.22 25.07-32.38 56.92 66.67 75.20-97.14	8.06-13.76 18.97 22.22 25.07-32.38 56.92 66.67 75.20-97.14					
S/SF/SA/SAF87	2	7.88-20.27 24.43 27.28-44.03 64.00 77.14 86.15 99.26-139.05	7.88-20.27 24.43 27.28-44.03 64.00 77.14 86.15 99.26-139.05	7.88-20.27 24.43 27.28-44.03 64.00 77.14 86.15 99.26-139.05	7.88-15.64 20.27 24.43 27.28-34.96 64.00 77.14 86.15 99.26-110.40			
S/SF/SA/SAF97	2	8.26-23.59 26.39 32.60-55.79 65.45 78.26 89.60-180.95	8.26-23.59 26.39 32.60-55.79 65.45 78.26 89.60-180.95	8.26-23.59 26.39 32.60-55.79 65.45 78.26 89.60-180.95	8.26-21.23 24.13 27.63-44.89 65.45 78.26 89.60-145.60			

8.3 速比与最大扭矩
8.3 Ratio and Max Torgue

S37-57 n_a=1400 r/min

S37				295Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
157.43	8.9	92	3000	AD1
144.40	9.7	92	3000	
122.94	11	91	3000	
106.00	13	88	3000	
98.80	14	87	3000	
86.36	16	86	3000	
80.96	17	85	3000	
71.44	20	84	3000	
63.33	22	82	3000	
55.93	25	81	3000	
53.83	26	80	3000	AD2
51.30	27	81	3000	AD1
43.68	32	81	3000	
37.66	37	79	3000	
35.10	40	78	3000	
30.68	46	76	2870	
28.76	49	75	2800	
25.38	55	74	2660	
22.50	62	73	2530	
19.89	70	72	2470	
19.13	73	71	2380	AD2
18.24	77	52	2380	AD1
15.53	90	50	2240	
13.39	105	49	2110	AD2
12.48	112	48	2060	
10.91	128	48	1940	
10.23	137	47	1900	
9.02	155	46	1810	
8.00	175	45	1730	
6.80	206	43	1630	

S47				170Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
201.00	7.0	170	5340	AD1
184.80	7.6	170	5340	
158.12	8.9	170	5340	
137.05	10	168	5350	
128.10	11	168	5350	
110.73	13	168	5350	
94.08	15	168	5350	
84.00	17	167	5360	
71.75	20	167	5360	
69.39	20	155	5370	
67.20	21	167	5360	
63.80	22	155	5370	
56.61	25	165	5320	AD2
54.59	26	155	5150	AD1
47.32	30	155	4850	
44.22	32	155	4710	
38.23	37	155	4430	AD2
32.48	43	155	4120	
29.00	48	155	3920	
24.77	57	155	3650	
23.20	60	152	3570	
20.33	69	110	3370	
19.54	72	110	3370	
17.62	79	110	3160	
16.47	85	110	3060	
14.24	98	110	2850	
12.10	116	109	2650	
10.80	130	109	2500	
9.23	152	109	2310	
8.64	162	109	2230	
7.28	192	103	2110	

S57				300Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
201.00	7.0	295	7130	AD1
184.80	7.6	295	7130	
158.12	8.9	295	7130	
137.05	10	295	7130	
128.10	11	295	7130	
110.73	13	295	7130	
94.08	15	295	7130	
84.00	17	295	7130	
71.75	20	290	7170	AD2
69.39	20	245	7520	
67.20	21	285	7220	
63.80	22	245	7520	
56.61	25	265	7370	
54.59	26	245	7520	
47.32	30	245	7520	
44.22	32	245	7520	
38.23	37	245	7320	
32.48	43	245	6840	
29.00	48	245	6520	
24.77	57	245	6100	
23.20	60	245	5930	
20.33	69	168	5690	
19.54	72	215	5720	
17.62	79	168	5350	
16.47	85	168	5200	
14.24	98	169	4860	
12.10	116	169	4520	
10.80	130	169	4290	
9.23	152	169	3990	
8.64	162	166	3900	
7.28	192	146	3790	

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

S67-87 n_a=1400 r/min

S67				520Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
217.41	6.4	520	8680	
190.11	7.4	520	8680	
180.60	7.8	520	8680	
158.45	8.8	520	8680	
134.40	10	520	8680	
121.33	12	520	8680	
106.75	13	520	8680	AD2
100.80	14	520	8680	
85.83	16	520	8680	
78.00	18	520	8680	
75.06	19	480	9020	
67.57	21	520	8680	
65.63	21	480	9020	
62.35	22	480	9020	
58. 80	24	500	8850	AD3
54.70	26	480	8670	
46.40	30	480	8060	
41.89	33	480	7690	
36.85	38	480	7250	
34.80	40	480	7060	
29.63	47	480	6540	AD3
26.93	52	480	6240	
24.44	57	340	6040	
23.33	60	480	5810	
23.22	60	340	5890	
20.37	69	340	5520	
20.30	69	425	5760	AD3
17.28	81	340	5080	
15.60	90	340	4820	AD2
13.73	102	340	4510	
12.96	108	340	4310	
11.03	127	340	3660	
10.03	140	340	3290	AD3
8.69	161	335	2860	
7.56	185	295	3220	

S77				1270Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
256.47	5.5	1270	11800	
225.26	6.2	1270	11800	
214.00	6.5	1270	11800	
189.09	7.4	1270	11800	
161.60	8.7	1260	11900	
148.15	9.4	1240	12000	
130.00	11	1210	12300	
123.20	11	1200	12400	
107.83	13	1170	12600	
97.14	14	1140	12900	AD2
85.22	16	1100	13200	
75.20	19	1070	13400	
75.09	19	1100	13200	
71.33	20	1100	13200	
66.67	21	1040	13600	
63.03	22	1100	12800	
56.92	25	990	13300	
53.87	26	1100	11900	
49.38	28	1100	11500	
43.33	32	1100	10800	
41.07	34	1100	10500	
35.94	39	1100	9850	
32.38	43	1090	9400	
28.41	49	1050	8970	
25.07	56	1020	8550	
22.89	61	705	7440	
22.22	63	980	8220	
20.99	67	705	6820	AD3
18.97	74	930	7800	
18.42	76	705	5920	
17.45	80	710	5470	
15.28	92	710	4610	
13.76	102	710	3960	
12.07	116	720	3000	
10.65	131	720	2280	
9.44	148	725	1040	AD4
8.06	174	680	1160	

S87				2280Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
288.00	4.9	2280	27900	
258.18	5.4	2280	27900	
222.40	6.3	2280	27900	
202.96	6.9	2260	28000	
180.00	7.8	2210	28100	
151.30	9.3	2150	28200	
139.05	10	2100	28300	
123.48	11	2060	28300	AD2
110.40	13	2000	28400	
99.26	14	1960	28500	
91.20	15	1510	29100	
86.15	16	1880	28600	
81.76	17	1600	29000	
77.14	18	1820	28700	
70.43	20	1600	29000	
64.27	22	1600	29000	
64.00	22	1700	28900	AD3
57.00	25	1600	29000	AD2
47.91	29	1600	29000	
44.03	32	1600	29000	
39.10	36	1600	28200	AD3
34.96	40	1600	27100	
31.43	45	1600	26000	
27.28	51	1600	24700	
25.50	55	1240	23400	
24.43	57	1600	23700	
21.43	65	1240	21800	
20.27	69	1600	22100	
19.70	71	1240	21100	
17.49	80	1240	20200	AD4
15.64	90	1240	19300	
14.06	100	1240	18500	
12.21	115	1240	17400	
10.93	128	1240	16600	
9.07	154	1140	15900	
7.88	178	1010	15700	

S97 S67/77R37 n_a=1400 r/min

S97				4000Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	AD
286.40	4.9	4000	36300	
262.22	5.3	4000	36300	
231.67	6.0	4000	36300	
196.52	7.1	4000	36300	
180.95	7.7	3920	36500	
161.74	8.7	3840	36600	
145.60	9.6	3730	36800	AD3
131.85	11	3650	37000	
116.92	12	3510	37200	
105.71	13	3440	37300	
89.60	16	3240	37600	
80.85	17	3230	37600	
78.26	18	3080	37900	
71.43	20	3300	37500	AD4
65.45	21	2900	38100	AD3
60.59	23	3300	37500	
55.79	25	3300	37100	
49.87	28	3300	35600	AD4
44.89	31	3300	34100	
40.65	34	3300	32800	
36.05	39	3300	31300	
32.60	43	3200	30400	
27.63	51	3010	29000	AD5
26.39	53	2600	26100	AD4
24.13	58	2870	28000	
23.59	59	2600	24900	
21.23	66	2600	23700	
19.23	73	2600	22700	
17.05	82	2570	21100	AD5
15.42	91	2470	20800	
13.07	107	2330	20100	
11.41	123	2210	19500	
9.55	147	2040	18800	
8.26	169	1770	18800	

S67R37				570Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	
21362	0.07	570	8190	
19594	0.07	570	8190	
18120	0.08	570	8190	
16682	0.08	570	8190	
14383	0.10	570	8190	
12774	0.11	570	8190	
11013	0.13	570	8190	
9694	0.14	570	8190	
8529	0.16	570	8190	
7455	0.19	570	8190	
6531	0.21	570	8190	
5759	0.24	570	8190	
4965	0.28	570	8190	
4410	0.32	570	8190	
3880	0.36	570	8190	
3432	0.41	570	8190	
2944	0.48	570	8190	
2630	0.53	570	8190	
2279	0.61	570	8190	
2014	0.70	570	8190	
1772	0.79	570	8190	
1559	0.90	570	8190	
1363	1.0	570	8190	
1194	1.2	570	8190	
1045	1.3	570	8190	
914	1.5	570	8190	
809	1.7	570	8190	
712	2.0	570	8190	
615	2.3	570	8190	
543	2.6	570	8190	
469	3.0	570	8190	
424	3.3	570	8190	
365	3.8	570	8190	
319	4.4	570	8190	
281	5.0	570	8190	
246	5.7	570	8190	
221	6.3	570	8190	
198	7.1	570	8190	
168	8.3	570	8190	
156	9.0	570	8190	

S77R37				1270Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]	
25493	0.05	1270	11700	
21787	0.06	1270	11700	
19907	0.07	1270	11700	
17013	0.08	1270	11700	
14668	0.10	1270	11700	
13110	0.11	1270	11700	
11569	0.12	1270	11700	
9887	0.14	1270	11700	
8817	0.16	1270	11700	
7735	0.18	1270	11700	
6735	0.21	1270	11700	
5943	0.24	1270	11700	
5214	0.27	1270	11700	
4618	0.30	1270	11700	
3992	0.35	1270	11700	
3540	0.40	1270	11700	
3098	0.45	1270	11700	
2753	0.51	1240	12000	
2374	0.59	1240	12000	
2083	0.67	1240	12000	
1813	0.77	1240	12000	
1745	0.80	1240	12000	
1600	0.88	1240	12000	
1404	1.0	1240	12000	
1245	1.1	1240	12000	
1100	1.3	1240	12000	
954	1.5	1240	12000	
837	1.7	1240	12000	
714	2.0	1240	12000	
637	2.2	1240	12000	
574	2.4	1240	12000	
499	2.8	1240	12000	
438	3.2	1240	12000	
389	3.6	1240	12000	
327	4.3	1240	12000	
289	4.8	1240	12000	
250	5.6	1240	12000	
219	6.4	1240	12000	

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

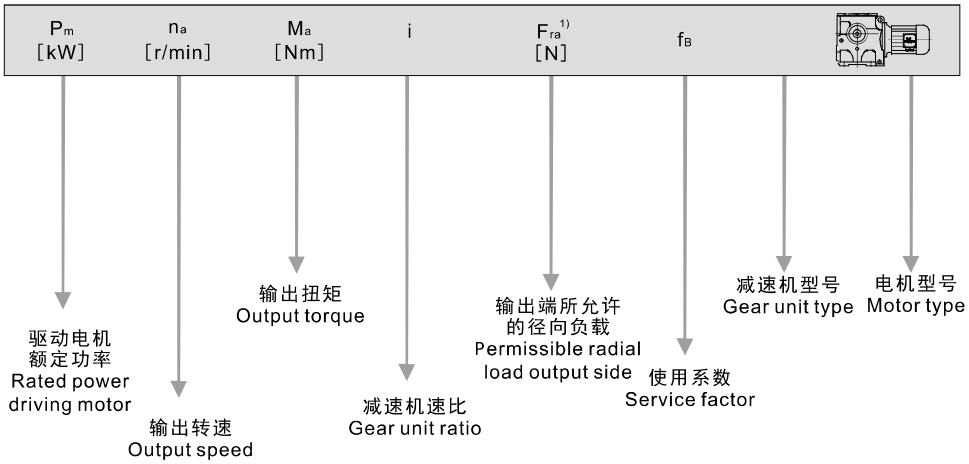
S 87/97R57 n_a=1400 r/min

S87R57			2500Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
25987	0.05	2500	27500
23940	0.06	2500	27500
20568	0.07	2500	27500
18265	0.08	2500	27500
16774	0.08	2500	27500
14820	0.09	2500	27500
13160	0.11	2500	27500
11200	0.12	2500	27500
9904	0.14	2500	27500
8549	0.16	2500	27500
7643	0.18	2500	27500
6706	0.21	2500	27500
5875	0.24	2500	27500
5187	0.27	2500	27500
4606	0.30	2500	27500
3872	0.36	2500	27500
3475	0.40	2500	27500
2905	0.48	2500	27500
2586	0.54	2500	27500
2335	0.60	2500	27500
2054	0.68	2500	27500
1824	0.77	2500	27500
1631	0.86	2500	27500
1332	1.1	2500	27500
1191	1.2	2500	27500
1032	1.4	2500	27500
930	1.5	2500	27500
831	1.7	2500	27500
719	1.9	2500	27500
624	2.2	2500	27500
558	2.5	2500	27500
485	2.9	2500	27500
435	3.2	2450	27600
378	3.7	2450	27600
323	4.3	2400	27700
281	5.0	2400	27700
255	5.5	1980	28400
222	6.3	1980	28400
205	6.8	1980	28400

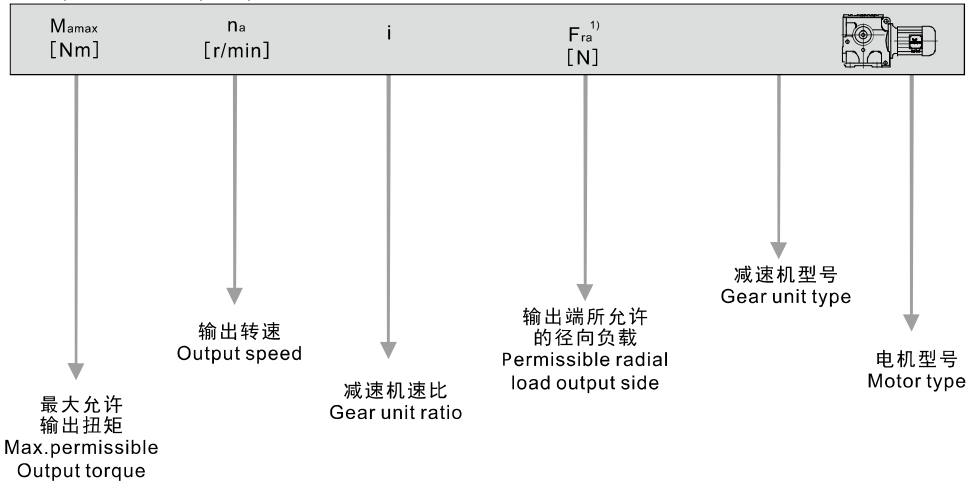
S97R57			4200Nm
i	n_a [r/min]	M_{amax} [Nm]	F_{ra} [N]
33818	0.04	4200	34200
31154	0.04	4200	34200
27847	0.05	4200	34200
24641	0.06	4200	34200
21537	0.07	4200	34200
18749	0.07	4200	34200
16233	0.09	4200	34200
14576	0.10	4200	34200
12752	0.11	4200	34200
11267	0.12	4200	34200
10078	0.14	4200	34200
8608	0.16	4200	34200
7554	0.19	4200	34200
6640	0.21	4200	30600
5780	0.24	4200	30600
4937	0.28	4200	30600
4444	0.32	4200	30600
4017	0.35	4200	30600
3453	0.41	4200	30600
3108	0.45	4200	30600
2654	0.53	4200	30600
2329	0.60	4200	30600
2081	0.67	4200	30600
1860	0.75	4200	30600
1574	0.89	4200	30600
1394	1.0	4200	30600
1223	1.1	4200	30600
1070	1.3	4200	30600
928	1.5	4200	30600
824	1.7	4200	30600
714	2.0	4200	34400
626	2.2	4200	30600
538	2.6	4200	30600
484	2.9	4200	30700
420	3.3	4200	30700
376	3.7	4200	30800
327	4.3	4200	30800
287	4.9	4200	30900
252	5.6	4200	31000
219	6.4	4200	31000
205	6.8	4200	31000

8.4 选型表注释
8.4 Selection table

选型表的结构
Selection table for gear motors



对于特殊低输出转速
For special low output speed



图例 Cuttine
※也可用于Eexe电机。 ※ EEXE motor also applicable.
1）实心轴底脚安装减速机的径向负荷
1）Radial load specified for foot-mounted gear unit with solid shaft

注意: Notice:
对于特殊低输出转速驱动（多级减速电机），电机功率必须与减速机的最大允许输出扭矩相对应。
In drives for particularly low output speeds (multi-stage gear motor), the motor power must be limited according to maximum permitted output torque of the gear unit.

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
0.12	4610	11267	28700	0.90	S 97/RF57WSS0.12KW-4
0.14	4210	10078	32800	1.00	SF 97/RF57WSS0.12KW-4
0.16	3500	8608	34200	1.20	SA 97/RF57WSS0.12KW-4
0.18	3090	7554	34800	1.35	SAF 97/RF57WSS0.12KW-4
0.18	3120	7643	14400	0.80	
0.21	2630	6706	27200	0.95	S 87/RF57WSS0.12KW-4
0.23	2330	5875	27800	1.05	SF 87/RF57WSS0.12KW-4
0.27	1960	5187	28500	1.25	SA 87/RF57WSS0.12KW-4
0.30	1740	4606	28800	1.45	SAF 87/RF57WSS0.12KW-4
0.36	1450	3872	29200	1.70	
0.39	1340	3540	9700	0.95	
0.45	1170	3098	12500	1.10	
0.58	1280	2374	11600	0.95	
0.66	1130	2083	12900	1.10	S 77/RF37WSS0.12KW-4
0.76	960	1813	14100	1.30	SF 77/RF37WSS0.12KW-4
0.79	910	1745	14300	1.35	SA 77/RF37WSS0.12KW-4
0.86	840	1600	14700	1.50	SAF 77/RF37WSS0.12KW-4
0.98	735	1404	15200	1.70	
1.1	645	1245	15600	1.90	
1.0	665	1363	4800	0.85	S 67/RF37WSS0.12KW-4
1.2	575	1194	8160	1.00	SF 67/RF37WSS0.12KW-4
1.3	515	1045	8720	1.10	SA 67/RF37WSS0.12KW-4
1.5	445	914	9280	1.30	SAF 67/RF37WSS0.12KW-4
1.7	400	809	9580	1.40	
1.9	355	712	9860	1.60	
2.2	295	615	10100	1.95	S 67/RF37WSS0.12KW-4
2.5	265	543	10300	2.2	SF 67/RF37WSS0.12KW-4
2.9	220	469	10400	2.6	SA 67/RF37WSS0.12KW-4
3.3	197	424	10500	2.9	SAF 67/RF37WSS0.12KW-4
3.8	180	365	10500	3.2	
4.5	143	201.00	8050	2.1	S 57 WSS0.12KW-6
4.9	133	184.80	8090	2.2	SF 57 WSS0.12KW-6
5.7	116	158.12	8150	2.5	SA 57 WSS0.12KW-6
6.6	103	137.05	8180	2.9	SAF 57 WSS0.12KW-6
4.5	138	201.00	5490	1.30	
4.9	129	184.80	5540	1.40	S 47 WSS0.12KW-6
5.7	112	158.12	5610	1.55	SF 47 WSS0.12KW-6
6.6	99	137.05	5660	1.75	SA 47 WSS0.12KW-6
7.0	93	128.10	5680	1.85	SAF 47 WSS0.12KW-6
6.9	95	201.00	5680	1.80	
7.5	89	184.80	5700	1.90	S 47 WSS0.12KW-4
8.7	77	158.12	5740	2.2	SF 47 WSS0.12KW-4
10	68	137.05	5780	2.5	SA 47 WSS0.12KW-4
11	64	128.10	5790	2.6	SAF 47 WSS0.12KW-4
12	57	110.73	5810	3.0	
5.7	107	157.43	3000	0.85	
6.2	99	144.40	3000	0.95	S 37 WSS0.12KW-6
7.3	86	122.94	3000	1.05	SF 37 WSS0.12KW-6
8.5	76	106.00	3000	1.20	SA 37 WSS0.12KW-6
9.1	71	98.80	3000	1.30	SAF 37 WSS0.12KW-6
10	64	86.36	3000	1.45	
8.8	74	157.43	3000	1.25	
9.6	68	144.40	3000	1.35	S 37 WSS0.12KW-4
11	60	122.94	3000	1.55	SF 37 WSS0.12KW-4
13	52	106.00	3000	1.70	SA 37 WSS0.12KW-4
14	49	98.80	3000	1.75	SAF 37 WSS0.12KW-4
16	44	86.36	3000	1.95	
17	41	80.96	3000	2.1	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.12kW					
19	37	71.44	3000	2.3	
22	33	63.33	3000	2.5	
25	35	55.93	3000	2.3	
27	33	51.30	3000	2.5	
32	28	43.68	3000	2.9	
37	25	37.66	3000	3.2	S 37 WSS0.12KW-4
39	23	35.10	3000	3.4	SF 37 WSS0.12KW-4
45	20	30.68	3000	3.7	SA 37 WSS0.12KW-4
48	19	28.76	3000	3.9	SAF 37 WSS0.12KW-4
54	17	25.38	3000	4.3	
61	15	22.50	3000	4.8	
69	14	19.89	3000	3.6	
76	13	18.24	3000	3.9	
89	11	15.53	2870	4.4	
0.18kW					
0.29	2970	4606	20900	0.85	S 87/RF57WSS0.18KW-4
0.34	2480	3872	27500	1.00	SF 87/RF57WSS0.18KW-4
					SA 87/RF57WSS0.18KW-4
					SAF 87/RF57WSS0.18KW-4
0.38	2350	3475	27800	1.05	
0.45	1970	2905	28500	1.25	S 87/RF57WSS0.18KW-4
0.51	1710	2586	28900	1.45	SF 87/RF57WSS0.18KW-4
0.57	1520	2335	29100	1.65	SA 87/RF57WSS0.18KW-4
0.64	1320	2054	29400	1.90	SAF 87/RF57WSS0.18KW-4
0.72	1170	1824	29500	2.1	
0.81	1050	1631	29600	2.4	
0.94	1220	1404	12200	1.00	S 77/RF37WSS0.18KW-4
1.1	1070	1245	13000	1.15	SF 77/RF37WSS0.18KW-4
					SA 77/RF37WSS0.18KW-4
					SAF 77/RF37WSS0.18KW-4
1.2	990	1100	13900	1.25	
1.4	850	954	14700	1.45	S 77/RF37WSS0.18KW-4
1.6	745	837	15200	1.65	SF 77/RF37WSS0.18KW-4
1.9	625	714	15600	2.0	SA 77/RF37WSS0.18KW-4
2.1	555	637	15900	2.2	SAF 77/RF37WSS0.18KW-4
2.3	500	574	16000	2.5	
1.6	660	809	5140	0.85	
1.9	580	712	8060	1.00	S 67/RF37WSS0.18KW-4
2.2	490	615	8920	1.15	SF 67/RF37WSS0.18KW-4
2.4	440	543	9330	1.30	SA 67/RF37WSS0.18KW-4
2.8	370	469	9780	1.55	SAF 67/RF37WSS0.18KW-4
3.1	335	424	9970	1.70	
3.6	295	365	10100	1.90	
4.0	255	217.41	10300	2.2	S 67 WSS0.18KW-6
4.6	225	190.11	10400	2.5	SF 67 WSS0.18KW-6
4.8	215	180.60	10400	2.6	SA 67 WSS0.18KW-6
					SAF 67 WSS0.18KW-6
4.3	220	201.00	7670	1.35	S 57 WSS0.18KW-6
4.7	205	184.80	7760	1.45	SF 57 WSS0.18KW-6
5.5	180	158.12	7900	1.65	SA 57 WSS0.18KW-6
6.3	159	137.05	7990	1.85	SAF 57 WSS0.18KW-6
6.6	154	201.00	8010	1.90	S 57 WSS0.18KW-4
7.1	143	184.80	8050	2.1	SF 57 WSS0.18KW-4
8.4	125	158.12	8120	2.4	SA 57 WSS0.18KW-4
9.6	110	137.05	8160	2.7	SAF 57 WSS0.18KW-4
4.3	215	201.00	5090	0.85	
4.7	199	184.80	5180	0.95	S 47 WSS0.18KW-6
5.5	173	158.12	5320	1.00	SF 47 WSS0.18KW-6
6.3	153	137.05	5420	1.10	SA 47 WSS0.18KW-6
6.8	144	128.10.	5470	1.20	SAF 47 WSS0.18KW-6
6.6	149	201.00	5440	1.15	
7.1	138	184.80	5490	1.25	
8.4	121	158.12	5570	1.40	
9.6	107	137.05	5630	1.60	S 47 WSS0.18KW-4
10	100	128.10	5660	1.65	SF 47 WSS0.18KW-4
12	88	110.73	5700	1.90	SA 47 WSS0.18KW-4
14	77	94.08	5750	2.2	SAF 47 WSS0.18KW-4
16	69	84.00	5770	2.4	
18	60	71.75	5800	2.8	
19	69	69.39	5750	2.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.18kW					
8.4	115	157.43	3000	0.80	
9.1	107	144.40	3000	0.85	S 37 WSS0.18KW-4
11	93	122.94	3000	1.00	SF 37 WSS0.18KW-4
12	82	106.00	3000	1.10	SA 37 WSS0.18KW-4
13	77	98.80	3000	1.15	SAF 37 WSS0.18KW-4
15	68	86.36	3000	1.25	
16	64	80.96	3000	1.30	
18	58	71.44	3000	1.45	
21	52	63.33	3000	1.60	
24	55	55.93	3000	1.45	
26	51	51.30	3000	1.60	
30	44	43.68	3000	1.85	
35	38	37.66	3000	2.1	
38	36	35.10	3000	2.2	
43	32	30.68	3000	2.4	S 37 WSS0.18KW-4
46	30	28.76	3000	2.5	SF 37 WSS0.18KW-4
52	27	25.38	3000	2.8	SA 37 WSS0.18KW-4
59	24	22.50	3000	3.1	SAF 37 WSS0.18KW-4
66	22	19.89	3000	2.3	
72	21	18.24	2940	2.5	
85	18	15.53	2810	2.8	
99	15	13.39	2700	3.2	
106	14	12.48	2650	3.4	
121	13	10.91	2550	3.8	
129	12	10.23	2500	4.0	
0.25kW					
0.45	2860	2905	24300	0.85	
0.50	2500	2586	27500	1.00	
0.56	2240	2335	28000	1.10	S 87/RF57WSS0.25KW-4
0.63	1950	2054	28500	1.30	SF 87/RF57WSS0.25KW-4
0.71	1730	1824	28900	1.45	SA 87/RF57WSS0.25KW-4
0.80	1550	1631	29100	1.60	SAF 87/RF57WSS0.25KW-4
1.4	910	930	29800	2.8	
1.4	1230	954	12100	1.00	
1.5	1080	837	13300	1.15	S 77/RF37WSS0.25KW-4
1.8	910	714	14400	1.35	SF 77/RF37WSS0.25KW-4
2.0	810	637	14900	1.55	SA 77/RF37WSS0.25KW-4
2.3	730	574	15200	1.70	SAF 77/RF37WSS0.25KW-4
2.6	625	499	15600	2.0	
2.4	635	543	7420	0.90	
2.8	540	469	8500	1.05	S 67/RF37WSS0.25KW-4
3.1	485	424	8970	1.15	SF 67/RF37WSS0.25KW-4
3.6	430	365	9390	1.30	SA 67/RF37WSS0.25KW-4
4.1	375	319	9750	1.50	SAF 67/RF37WSS0.25KW-4
4.6	330	281	9990	1.75	
3.1	435	217.41	9350	1.30	S 67 WSS0.25KW-8
3.6	390	190.11	9670	1.45	SF 67 WSS0.25KW-8
3.8	370	180.60	9770	1.50	SA 67 WSS0.25KW-8
4.3	330	158.45	9980	1.70	SAF 67 WSS0.25KW-8
4.1	350	217.41	9890	1.60	S 67 WSS0.25KW-6
4.6	310	190.11	10100	1.80	SF 67 WSS0.25KW-6
4.9	295	180.60	10100	1.90	SA 67 WSS0.25KW-6
5.6	265	158.45	10300	2.1	SAF 67 WSS0.25KW-6
6.0	245	217.41	10300	2.1	
6.8	220	190.11	10400	2.4	
7.2	210	180.60	10500	2.5	S 67 WSS0.25KW-4
8.2	187	158.45	10500	2.8	SF 67 WSS0.25KW-4
9.7	161	134.40	10600	3.2	SA 67 WSS0.25KW-4
11	147	121.33	10600	3.5	SAF 67 WSS0.25KW-4
12	131	106.75	10700	4.0	
4.4	305	201.00	7050	1.00	
4.8	285	184.80	7230	1.05	S 57 WSS0.25KW-6
5.6	245	158.12	7510	1.20	SF 57 WSS0.25KW-6
6.4	220	137.05	7690	1.35	SA 57 WSS0.25KW-6
6.9	205	128.10	7760	1.45	SAF 57 WSS0.25KW-6
6.5	215	201.00	7700	1.35	
7.0	200	184.80	7790	1.45	
8.2	176	158.12	7920	1.70	S 57 WSS0.25KW-4
9.5	155	137.05	8010	1.90	SF 57 WSS0.25KW-4
10	146	128.10	8040	2.0	SA 57 WSS0.25KW-4
12	129	110.73	8110	2.3	SAF 57 WSS0.25KW-4
14	111	94.08	8160	2.7	
15	101	84.00	8190	2.9	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.25kW					
6.5	210	201.00	5120	0.80	
7.0	195	184.80	5210	0.85	
8.2	170	158.12	5340	1.00	
9.5	150	137.05	5440	1.10	
10	141	128.10	5480	1.20	
12	124	110.73	5560	1.35	S 47 WSS0.25KW-4
14	108	94.08	5630	1.55	SF 47 WSS0.25KW-4
15	98	84.00	5670	1.70	SA 47 WSS0.25KW-4
18	85	71.75	5720	1.95	SAF 47 WSS0.25KW-4
19	97	69.39	5640	1.60	
19	80	67.20	5740	2.1	
20	90	63.80	5670	1.70	
24	78	54.59	5720	2.0	
27	68	47.32	5760	2.3	
13	108	98.80	3000	0.80	
15	96	86.36	3000	0.90	
16	91	80.96	3000	0.95	
18	81	71.44	3000	1.05	
21	73	63.33	3000	1.10	
23	78	55.93	3000	1.05	
25	72	51.30	3000	1.15	
30	62	43.68	3000	1.30	
35	54	37.66	3000	1.45	
37	51	35.10	3000	1.55	
42	45	30.68	3000	1.70	S 37 WSS0.25KW-4
45	42	28.76	3000	1.80	SF 37 WSS0.25KW-4
51	37	25.38	3000	2.0	SA 37 WSS0.25KW-4
58	33	22.50	3000	2.2	SAF 37 WSS0.25KW-4
65	32	19.89	2870	1.65	
71	29	18.24	2820	1.80	
84	25	15.53	2710	2.0	
97	22	13.39	2620	2.3	
104	20	12.48	2570	2.4	
119	18	10.91	2480	2.7	
127	17	10.23	2440	2.8	
144	15	9.02	2360	3.1	
163	13	8.00	2290	3.4	
191	11	6.80	2180	3.8	
92	21	28.76	2740	3.0	
105	19	25.38	2650	3.3	
118	17	22.50	2560	3.4	S 37 WSS0.25KW-2
134	16	19.89	2410	2.8	SF 37 WSS0.25KW-2
146	15	18.24	2350	3.0	SA 37 WSS0.25KW-2
171	13	15.53	2250	3.4	SAF 37 WSS0.25KW-2
199	11	13.39	2160	3.8	
213	10	12.48	2120	4.0	
0.37kW					
0.67	2810	2054	25400	0.90	S 87/RF57WSS0.37KW-2
0.76	2490	1824	27500	1.00	SF 87/RF57WSS0.37KW-2
0.85	2230	1631	28000	1.10	SA 87/RF57WSS0.37KW-2
1.5	1320	930	29400	1.90	SAF 87/RF57WSS0.37KW-2
1.7	1190	831	29500	2.1	
1.9	1290	714	11500	0.95	
2.2	1150	637	12700	1.10	S 77/RF37WSS0.37KW-4
2.4	1040	574	13600	1.20	SF 77/RF37WSS0.37KW-4
2.8	900	499	14400	1.40	SA 77/RF37WSS0.37KW-4
3.2	785	438	15000	1.60	SAF 77/RF37WSS0.37KW-4
3.5	700	389	15400	1.80	
3.8	615	365	7700	0.95	S 67/RF37WSS0.37KW-4
4.3	535	319	8540	1.05	SF 67/RF37WSS0.37KW-4
4.9	470	281	9080	1.20	SA 67/RF37WSS0.37KW-4
5.6	425	246	9430	1.35	SAF 67/RF37WSS0.37KW-4
2.4	980	288.00	29700	2.5	S 87 WSS0.37KW-8
2.6	890	258.18	29800	2.8	SF 87 WSS0.37KW-8
3.1	775	222.40	29900	3.2	SA 87 WSS0.37KW-8
					SAF 87 WSS0.37KW-8

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
3.0	735	225.26	15200	1.75	S 77 WSS0.37KW-8
3.2	700	214.00	15300	1.80	SF 77 WSS0.37KW-8
3.6	630	189.09	15600	2.0	SA 77 WSS0.37KW-8
4.2	545	161.60	15900	2.3	SAF 77 WSS0.37KW-8
3.5	645	256.47	15600	2.0	S 77 WSS0.37KW-6
4.0	575	225.26	15800	2.2	SF 77 WSS0.37KW-6
4.2	545	214.00	15900	2.3	SA 77 WSS0.37KW-6
					SAF 77 WSS0.37KW-6
4.1	505	217.41	8810	1.10	S 67 WSS0.37KW-6
4.7	450	190.11	9260	1.25	SF 67 WSS0.37KW-6
5.0	430	180.60	9400	1.30	SA 67 WSS0.37KW-6
5.7	380	158.45	9700	1.45	SAF 67 WSS0.37KW-6
6.3	345	217.41	9900	1.50	
7.3	310	190.11	10100	1.70	S 67 WSS0.37KW-4
7.6	295	180.60	10200	1.75	SF 67 WSS0.37KW-4
8.7	260	158.45	10300	2.0	SA 67 WSS0.37KW-4
10	225	134.40	10400	2.3	SAF 67 WSS0.37KW-4
11	205	121.33	10500	2.5	
5.7	360	158.12	6490	0.80	
6.6	315	137.05	6930	0.95	S 57 WSS0.37KW-6
7.0	300	128.10	7100	1.00	SF 57 WSS0.37KW-6
8.1	265	110.73	7390	1.10	SA 57 WSS0.37KW-6
9.6	230	94.08	7630	1.30	SAF 57 WSS0.37KW-6
11	205	84.00	7760	1.45	
6.9	305	201.00	7050	0.95	
7.5	285	184.80	7230	1.05	
8.7	245	158.12	7510	1.20	
10	220	137.05	7690	1.35	
11	205	128.10	7770	1.45	S 57 WSS0.37KW-4
12	180	110.73	7900	1.65	SF 57 WSS0.37KW-4
15	156	94.08	8000	1.90	SA 57 WSS0.37KW-4
16	141	84.00	8060	2.1	SAF 57 WSS0.37KW-4
19	122	71.75	8130	2.4	
20	139	69.39	8070	1.75	
21	115	67.20	8150	2.5	
22	128	63.80	8110	1.90	
10	210	137.05	5110	0.80	
11	199	128.10	5190	0.85	
12	175	110.73	5320	0.95	
15	151	94.08	5430	1.10	
16	137	84.00	5500	1.20	
19	119	71.75	5580	1.40	
20	136	69.39	5460	1.15	
21	112	67.20	5610	1.50	
22	126	63.80	5510	1.25	S 47 WSS0.37KW-4
25	109	54.59	5590	1.40	SF 47 WSS0.37KW-4
29	96	47.32	5410	1.60	SA 47 WSS0.37KW-4
31	90	44.22	5330	1.75	SAF 47 WSS0.37KW-4
36	78	38.23	5140	2.0	
42	67	32.48	4930	2.3	
48	60	29.00	4790	2.6	
56	52	24.77	4590	3.0	
59	49	23.20	4510	3.1	
68	46	20.33	4180	2.4	
78	40	17.62	4030	2.8	
84	37	16.47	3960	3.0	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.37kW					
22	103	63.33	3000	0.80	
27	101	51.30	3000	0.80	
32	87	43.68	3000	0.95	
37	76	37.66	3000	1.05	
39	71	35.10	3000	1.10	
45	63	30.68	3000	1.20	
48	59	28.76	3000	1.30	S 37 WSS0.37KW-4
54	52	25.38	2940	1.40	SF 37 WSS0.37KW-4
61	47	22.50	2870	1.55	SA 37 WSS0.37KW-4
69	44	19.89	2610	1.20	SAF 37 WSS0.37KW-4
76	41	18.24	2570	1.30	
89	35	15.53	2500	1.45	
103	30	13.39	2420	1.60	
111	28	12.48	2390	1.70	
127	25	10.91	2320	1.95	
135	23	10.23	2280	2.0	
153	21	9.02	2220	2.2	
173	18	8.00	2150	2.5	
203	16	6.80	2070	2.7	
104	28	25.38	2540	2.2	
118	25	22.50	2460	2.3	
133	24	19.89	2290	1.85	
145	22	18.24	2250	2.0	S 37 WSS0.37KW-2
171	19	15.53	2160	2.3	SF 37 WSS0.37KW-2
198	16	13.39	2080	2.5	SA 37 WSS0.37KW-2
212	15	12.48	2040	2.7	SAF 37 WSS0.37KW-2
243	13	10.91	1970	3.0	
259	12	10.23	1940	3.1	
294	11	9.02	1870	3.3	
0.55kW					
1.0	2810	1332	25400	0.90	
1.1	2540	1191	27400	1.00	
1.3	2210	1032	28100	1.15	S 87/RF57WSS0.55KW-4
1.5	2040	930	28400	1.25	SF 87/RF57WSS0.55KW-4
1.6	1840	831	28700	1.35	SA 87/RF57WSS0.55KW-4
1.9	1600	719	29000	1.55	SAF 87/RF57WSS0.55KW-4
2.2	1400	624	29300	1.80	
2.4	1270	558	29400	1.95	
3.1	1010	435	29700	2.4	
2.7	1380	499	6920	0.90	
3.1	1210	438	12300	1.05	S 77/RF37WSS0.55KW-4
3.5	1070	389	13300	1.15	SF 77/RF37WSS0.55KW-4
4.2	910	327	14300	1.35	SA 77/RF37WSS0.55KW-4
4.7	820	289	14800	1.50	SAF 77/RF37WSS0.55KW-4
5.4	710	250	15300	1.75	
5.5	650	246	6600	0.90	
6.2	580	221	8080	1.00	S 67/RF37WSS0.55KW-4
6.9	530	198	8590	1.10	SF 67/RF37WSS0.55KW-4
8.1	455	168	9230	1.25	SA 67/RF37WSS0.55KW-4
					SAF 67/RF37WSS0.55KW-4
2.4	1450	288.00	29200	1.70	S 87 WSS0.55KW-8
2.6	1320	258.18	29400	1.85	SF 87 WSS0.55KW-8
3.1	1150	222.40	29600	2.1	SA 87 WSS0.55KW-8
					SAF 87 WSS0.55KW-8
3.1	1130	288.00	29600	2.2	S 87 WSS0.55KW-6
3.5	1020	258.18	29700	2.4	SF 87 WSS0.55KW-6
4.1	900	222.40	29800	2.7	SA 87 WSS0.55KW-6
4.4	820	202.96	29800	2.9	SAF 87 WSS0.55KW-6
3.0	1090	225.26	13200	1.15	S 77 WSS0.55KW-8
3.2	1040	214.00	13500	1.20	SF 77 WSS0.55KW-8
3.6	930	189.09	14200	1.35	SA 77 WSS0.55KW-8
4.2	810	161.60	14900	1.55	SAF 77 WSS0.55KW-8
3.5	960	256.47	14100	1.35	S 77 WSS0.55KW-6
4.0	850	225.26	14700	1.50	SF 77 WSS0.55KW-6
4.2	810	214.00	14800	1.55	SA 77 WSS0.55KW-6
4.8	730	189.09	15200	1.75	SAF 77 WSS0.55KW-6
5.6	635	161.60	15600	2.0	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.55kW					
5.3	660	256.47	15500	1.90	S 77 WSS0.55KW-4
6.0	590	225.26	15800	2.2	SF 77 WSS0.55KW-4
6.4	560	214.00	15800	2.3	SA 77 WSS0.55KW-4
7.2	505	189.09	16000	2.5	SAF 77 WSS0.55KW-4
6.3	520	217.41	8660	1.00	
7.2	465	190.11	9150	1.10	
7.5	445	180.60	9300	1.15	
8.6	395	158.45	9620	1.30	
10	340	134.40	9930	1.55	S 67 WSS0.55KW-4
11	310	121.33	10100	1.65	SF 67 WSS0.55KW-4
13	275	106.75	10200	1.85	SA 67 WSS0.55KW-4
13	265	100.80	10300	1.95	SAF 67 WSS0.55KW-4
16	230	85.83	10400	2.3	
18	230	75.06	10400	2.1	
21	205	65.63	10500	2.3	
9.6	340	94.08	6710	0.85	
11	305	84.00	7030	0.95	
13	265	71.75	7360	1.10	S 57 WSS0.55KW-6
13	250	67.20	7470	1.15	SF 57 WSS0.55KW-6
16	245	54.59	7520	1.10	SA 57 WSS0.55KW-6
19	215	47.32	7710	1.25	SAF 57 WSS0.55KW-6
20	200	44.22	7790	1.35	
24	176	38.23	7920	1.55	
8.6	370	158.12	6330	0.80	
9.9	330	137.05	6820	0.90	
11	310	128.10	7010	0.95	
12	270	110.73	7320	1.10	
14	235	94.08	7590	1.25	
16	210	84.00	7730	1.40	
19	184	71.75	7880	1.55	
20	174	67.20	7930	1.65	S 57 WSS0.55KW-4
25	167	54.59	7960	1.45	SF 57 WSS0.55KW-4
29	146	47.32	8040	1.70	SA 57 WSS0.55KW-4
31	137	44.22	8080	1.80	SAF 57 WSS0.55KW-4
36	120	38.23	8130	2.0	
42	103	32.48	7970	2.4	
47	92	29.00	7730	2.7	
55	79	24.77	7390	3.1	
59	75	23.20	7250	3.3	
67	69	20.33	6760	2.4	
16	205	84.00	5140	0.80	
19	179	71.75	5290	0.95	
20	169	67.20	5350	1.00	
25	165	54.59	5130	0.95	
29	144	47.32	5010	1.10	
31	135	44.22	4950	1.15	
36	118	38.23	4810	1.30	
42	101	32.48	4650	1.55	S 47 WSS0.55KW-4
47	91	29.00	4540	1.70	SF 47 WSS0.55KW-4
55	78	24.77	4380	2.0	SA 47 WSS0.55KW-4
59	74	23.20	4310	2.1	SAF 47 WSS0.55KW-4
67	69	20.33	3920	1.60	
77	60	17.62	3810	1.85	
83	56	16.47	3750	1.95	
96	49	14.24	3630	2.2	
112	42	12.10	3500	2.6	
126	37	10.80	3400	2.9	
147	32	9.23	3270	3.4	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.55kW					
44	94	30.68	2680	0.80	
47	89	28.76	2670	0.85	
54	79	25.38	2630	0.95	
60	70	22.50	2600	1.05	
71	60	19.13	2540	1.20	S 37 WSS0.55KW-4
88	53	15.53	2230	0.95	SF 37 WSS0.55KW-4
102	46	13.39	2200	1.10	SA 37 WSS0.55KW-4
109	43	12.48	2180	1.15	SAF 37 WSS0.55KW-4
125	37	10.91	2130	1.30	
133	35	10.23	2110	1.35	
151	31	9.02	2070	1.50	
170	28	8.00	2020	1.60	
200	24	6.80	1950	1.80	
94	46	28.76	2420	1.40	
106	41	25.38	2360	1.50	
120	37	22.50	2310	1.55	
136	34	19.89	2100	1.30	
148	32	18.24	2070	1.40	S 37 WSS0.55KW-2
174	27	15.53	2010	1.55	SF 37 WSS0.55KW-2
202	24	13.39	1950	1.75	SA 37 WSS0.55KW-2
216	22	12.48	1920	1.85	SAF 37 WSS0.55KW-2
248	19	10.91	1870	2.0	
264	18	10.23	1840	2.1	
299	16	9.02	1780	2.2	
338	14	8.00	1730	2.5	
397	12	6.80	1660	2.4	
0.75kW					
1.1	4840	1223	21300	0.85	
1.3	4240	1070	30700	1.00	
1.5	3650	928	33900	1.15	S 97/RF57WSS0.75KW-4
1.7	3230	824	34600	1.30	SF 97/RF57WSS0.75KW-4
1.9	2300	714	35900	1.85	SA 97/RF57WSS0.75KW-4
2.2	2450	626	35700	1.70	SAF 97/RF57WSS0.75KW-4
2.6	2110	538	36100	2.0	
2.8	1900	484	36300	2.2	
1.3	3030	1032	18700	0.85	
1.5	2780	930	25900	0.90	
1.7	2510	831	2750	1.00	S 87/RF57WSS0.75KW-4
1.9	2190	719	28100	1.15	SF 87/RF57WSS0.75KW-4
2.2	1920	624	28600	1.30	SA 87/RF57WSS0.75KW-4
2.5	1730	558	28900	1.45	SAF 87/RF57WSS0.75KW-4
3.2	1390	435	29300	1.75	
4.3	1060	323	29600	2.3	
4.2	1240	327	12000	1.00	S 77/RF37WSS0.75KW-4
4.8	1110	289	13100	1.10	SF 77/RF37WSS0.75KW-4
5.5	960	250	14000	1.30	SA 77/RF37WSS0.75KW-4
6.3	850	219	14700	1.45	SAF 77/RF37WSS0.75KW-4
2.4	2040	286.40	36100	2.1	S 97 WSS0.75KW-8
2.6	1890	262.22	36300	2.2	SF 97 WSS0.75KW-8
3.0	1690	231.67	36400	2.5	SA 97 WSS0.75KW-8
					SAF 97 WSS0.75KW-8
3.1	1540	288.00	29100	1.60	S 87 WSS0.75KW-6
3.5	1400	258.18	29300	1.75	SF 87 WSS0.75KW-6
4.1	1220	222.40	29500	1.95	SA 87 WSS0.75KW-6
4.4	1120	202.96	29600	2.1	SAF 87 WSS0.75KW-6
4.8	1050	288.00	29600	2.2	S 87 WSS0.75KW-4
5.3	950	258.18	29700	2.4	SF 87 WSS0.75KW-4
6.2	830	222.40	29800	2.8	SA 87 WSS0.75KW-4
6.8	765	202.96	29900	3.0	SAF 87 WSS0.75KW-4
4.0	1160	225.26	12700	1.10	S 77 WSS0.75KW-6
4.2	1110	214.00	13100	1.15	SF 77 WSS0.75KW-6
4.8	990	189.09	13900	1.30	SA 77 WSS0.75KW-6
5.6	860	161.60	14600	1.45	SAF 77 WSS0.75KW-6

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
5.4	890	256.47	14500	1.45	
6.1	790	225.26	14900	1.60	
6.4	755	214.00	15100	1.70	S 77 WSS0.75KW-4
7.3	675	189.09	15400	1.90	SF 77 WSS0.75KW-4
8.5	585	161.60	15800	2.2	SA 77 WSS0.75KW-4
9.3	545	148.15	15900	2.3	SAF 77 WSS0.75KW-4
11	480	130.00	16000	2.5	
11	460	123.20	16000	2.6	
13	405	107.83	16000	2.9	
7.3	625	190.11	7570	0.85	
7.6	595	180.60	7900	0.85	
8.7	530	158.45	8570	1.00	
10	460	134.40	9480	1.15	
11	420	121.33	9470	1.25	S 67 WSS0.75KW-4
13	375	106.75	9750	1.40	SF 67 WSS0.75KW-4
14	355	100.80	9860	1.45	SA 67 WSS0.75KW-4
16	305	85.83	10100	1.70	SAF 67 WSS0.75KW-4
18	310	75.06	10100	1.55	
21	275	65.63	10200	1.75	
22	260	62.35	10300	1.85	
25	230	54.70	10300	2.1	
30	198	46.40	9840	2.4	
13	365	71.75	6430	0.80	
13	345	67.20	6660	0.85	S 57 WSS0.75KW-6
16	295	56.61	7140	1.00	SF 57 WSS0.75KW-6
19	295	47.32	7150	0.90	SA 57 WSS0.75KW-6
20	275	44.22	7300	1.00	SAF 57 WSS0.75KW-6
12	365	110.73	6400	0.80	
15	315	94.08	6930	0.95	
16	285	84.00	7210	1.05	
19	250	71.75	7500	1.15	
21	235	67.20	7590	1.20	
25	225	54.59	7650	1.10	
29	197	47.32	7810	1.25	
31	185	44.22	7870	1.35	S 57 WSS0.75KW-4
36	161	38.23	7980	1.50	SF 57 WSS0.75KW-4
42	138	32.48	7670	1.80	SA 57 WSS0.75KW-4
48	124	29.00	7450	2.0	SAF 57 WSS0.75KW-4
56	107	24.77	7150	2.3	
59	100	23.20	7030	2.5	
68	93	20.33	6490	1.80	
78	81	17.62	6260	2.1	
84	76	16.47	6160	2.2	
97	66	14.24	5930	2.6	
29	194	47.32	4530	0.80	
31	182	44.22	4500	0.85	S 47 WSS0.75KW-4
36	159	38.23	4420	1.00	SF 47 WSS0.75KW-4
42	136	32.48	4310	1.15	SA 47 WSS0.75KW-4
48	122	29.00	4230	1.25	SAF 47 WSS0.75KW-4
56	106	24.77	4110	1.45	
59	99	23.20	4060	1.55	
68	93	20.33	3610	1.20	
78	81	17.62	3530	1.35	
84	76	16.47	3490	1.45	S 47 WSS0.75KW-4
97	66	14.24	3410	1.65	SF 47 WSS0.75KW-4
114	56	12.10	3300	1.95	SA 47 WSS0.75KW-4
128	50	10.80	3230	2.2	SAF 47 WSS0.75KW-4
150	43	9.23	3120	2.5	
160	41	8.64	3070	2.7	
190	34	7.28	2950	3.0	
72	81	19.13	2270	0.85	
111	57	12.48	1930	0.85	S 37 WSS0.75KW-4
127	50	10.91	1920	0.95	SF 37 WSS0.75KW-4
135	47	10.23	1910	1.00	SA 37 WSS0.75KW-4
153	42	9.02	1890	1.10	SAF 37 WSS0.75KW-4
173	37	8.00	1860	1.20	
203	32	6.80	1820	1.35	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
0.75kW					
141	43	19.13	2090	1.05	
174	37	15.53	1860	1.15	
202	32	13.39	1820	1.30	
216	30	12.48	1800	1.35	S 37 WSS0.75KW-2
248	26	10.91	1760	1.50	SF 37 WSS0.75KW-2
264	25	10.23	1740	1.55	SA 37 WSS0.75KW-2
299	22	9.02	1690	1.65	SAF 37 WSS0.75KW-2
338	19	8.00	1650	1.80	
397	17	6.80	1590	1.75	
1.1kW					
1.7	4720	824	23300	0.90	
2.0	3370	714	34400	1.25	S 97/RF57WSS1.1KW-4
2.2	3590	626	34000	1.15	SF 97/RF57WSS1.1KW-4
2.6	3090	538	34800	1.35	SA 97/RF57WSS1.1KW-4
2.9	2790	484	35200	1.50	SAF 97/RF57WSS1.1KW-4
3.3	2430	420	35700	1.75	
2.2	2820	624	25400	0.90	
2.5	2550	558	27400	1.00	
2.9	2240	485	28000	1.10	
3.2	2040	435	28400	1.20	S 87/RF57WSS1.1KW-4
3.7	1790	378	28800	1.35	SF 87/RF57WSS1.1KW-4
4.3	1560	323	29100	1.55	SA 87/RF57WSS1.1KW-4
5.0	1370	281	29300	1.75	SAF 87/RF57WSS1.1KW-4
5.5	1460	255	29200	1.35	
6.3	1280	222	29400	1.55	
6.8	1200	205	29500	1.65	
6.4	1240	219	12000	1.00	S 77/RF37WSS1.1KW-4 SF 77/RF37WSS1.1KW-4 SA 77/RF37WSS1.1KW-4 SAF 77/RF37WSS1.1KW-4
2.4	3030	286.40	34900	1.40	S 97 WSS1.1KW-8
2.6	2800	262.22	35200	1.50	SF 97 WSS1.1KW-8
2.9	2500	231.67	35600	1.70	SA 97 WSS1.1KW-8
3.5	2160	196.52	36000	1.95	SAF 97 WSS1.1KW-8
3.2	2310	286.40	35900	1.80	S 97 WSS1.1KW-6
3.5	2130	262.22	36000	1.95	SF 97 WSS1.1KW-6
4.0	1900	231.67	36300	2.2	SA 97 WSS1.1KW-6
					SAF 97 WSS1.1KW-6
3.2	2220	288.00	28100	1.10	S 87 WSS1.1KW-6
3.6	2010	258.18	28400	1.20	SF 87 WSS1.1KW-6
4.1	1760	222.40	28800	1.35	SA 87 WSS1.1KW-6
4.5	1620	202.96	29000	1.45	SAF 87 WSS1.1KW-6
4.9	1520	288.00	29100	1.50	
5.4	1370	258.18	29300	1.65	S 87 WSS1.1KW-4
6.3	1200	222.40	29500	1.90	SF 87 WSS1.1KW-4
6.9	1100	202.96	29600	2.0	SA 87 WSS1.1KW-4
7.8	990	180.00	29700	2.2	SAF 87 WSS1.1KW-4
9.2	840	151.30	29800	2.5	
6.2	1150	225.26	12800	1.10	
6.5	1100	214.00	13200	1.15	
7.4	980	189.09	13900	1.30	
8.7	850	161.60	14700	1.50	S 77 WSS1.1KW-4
9.4	785	148.15	15000	1.60	SF 77 WSS1.1KW-4
11	695	130.00	15400	1.75	SA 77 WSS1.1KW-4
11	665	123.20	15500	1.80	SAF 77 WSS1.1KW-4
13	585	107.83	15800	2.0	
14	535	97.14	15900	2.1	
16	470	85.22	16000	2.3	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.1kW					
12	605	121.33	7790	0.85	
13	540	106.75	8490	0.95	
14	515	100.80	8740	1.00	
16	445	85.83	9300	1.15	
18	405	78.00	9550	1.30	
21	400	65.63	9610	1.20	S 67 WSS1.1KW-4
22	380	62.35	9720	1.25	SF 67 WSS1.1KW-4
26	335	54.70	9560	1.45	SA 67 WSS1.1KW-4
30	285	46.40	9240	1.65	SAF 67 WSS1.1KW-4
33	260	41.89	9040	1.85	
38	230	36.85	8780	2.1	
40	220	34.80	8660	2.2	
47	187	29.63	8330	2.6	
20	360	71.75	6480	0.80	S 57 WSS1.1KW-4
21	340	67.20	6710	0.85	SF 57 WSS1.1KW-4
25	290	56.61	7180	0.90	SA 57 WSS1.1KW-4
30	285	47.32	7220	0.85	SAF 57 WSS1.1KW-4
32	265	44.22	7360	0.90	
37	235	38.23	7410	1.05	
43	200	32.48	7170	1.25	
48	179	29.00	7000	1.35	
57	154	24.77	6760	1.60	
60	145	23.20	6660	1.70	S 57 WSS1.1KW-4
72	123	19.54	6390	1.75	SF 57 WSS1.1KW-4
79	117	17.62	5870	1.45	SA 57 WSS1.1KW-4
85	110	16.47	5780	1.55	SAF 57 WSS1.1KW-4
98	95	14.24	5610	1.75	
116	82	12.10	5400	2.1	
130	73	10.80	5260	2.3	
152	63	9.23	5050	2.7	
48	177	29.00	3720	0.90	
57	153	24.77	3670	1.00	S 47 WSS1.1KW-4
60	143	23.20	3640	1.05	SF 47 WSS1.1KW-4
72	122	19.54	3560	1.20	SA 47 WSS1.1KW-4
79	117	17.62	3070	0.95	SAF 47 WSS1.1KW-4
85	109	16.47	3060	1.00	
98	95	14.24	3030	1.15	
116	81	12.10	2980	1.35	S 47 WSS1.1KW-4
130	73	10.80	2940	1.50	SF 47 WSS1.1KW-4
152	63	9.23	2870	1.75	SA 47 WSS1.1KW-4
162	59	8.64	2840	1.85	SAF 47 WSS1.1KW-4
192	50	7.28	2750	2.1	
175	54	8.00	1570	0.85	S 37 WSS1.1KW-4
206	46	6.80	1580	0.95	SF 37 WSS1.1KW-4
					SA 37 WSS1.1KW-4
					SAF 37 WSS1.1KW-4
202	47	13.39	1590	0.85	
216	44	12.48	1580	0.90	
248	39	10.91	1570	1.00	S 37 WSS1.1KW-2
264	36	10.23	1560	1.05	SF 37 WSS1.1KW-2
299	32	9.02	1540	1.10	SA 37 WSS1.1KW-2
338	28	8.00	1510	1.25	SAF 37 WSS1.1KW-2
397	24	6.80	1470	1.20	
1.5kW					
2.0	4590	714	29100	0.90	
2.2	4890	626	19100	0.85	
2.6	4220	538	31100	1.00	S 97/RF57WSS1.5KW-4
2.9	3810	484	33600	1.10	SF 97/RF57WSS1.5KW-4
3.4	3310	420	34500	1.25	SA 97/RF57WSS1.5KW-4
3.8	2990	376	35000	1.40	SAF 97/RF57WSS1.5KW-4
4.3	2630	327	35500	1.60	
2.9	3060	485	17200	0.80	
3.2	2780	435	25900	0.90	
3.7	2450	378	27600	1.00	S 87/RF57WSS1.5KW-4
4.4	2130	323	28200	1.15	SF 87/RF57WSS1.5KW-4
5.0	1870	281	28600	1.30	SA 87/RF57WSS1.5KW-4
5.5	2000	255	28400	1.00	SAF 87/RF57WSS1.5KW-4
6.3	1750	222	28800	1.15	
6.9	1630	205	29000	1.20	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N • m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
2.4	4030	286.40	33100	1.05	S 97 WSS1.5KW-8
2.7	3720	262.22	33700	1.15	SF 97 WSS1.5KW-8
3.0	3330	231.67	34400	1.25	SA 97 WSS1.5KW-8
3.6	2870	196.52	35200	1.45	SAF 97 WSS1.5KW-8
3.2	3150	286.40	34700	1.35	S 97 WSS1.5KW-6
3.5	2910	262.22	35100	1.45	SF 97 WSS1.5KW-6
4.0	2600	231.67	35500	1.60	SA 97 WSS1.5KW-6
4.7	2230	196.52	35900	1.90	SAF 97 WSS1.5KW-6
4.9	2130	286.40	36000	1.90	S 97 WSS1.5KW-4
5.4	1970	262.22	36200	2.0	SF 97 WSS1.5KW-4
6.1	1760	231.67	36400	2.3	SA 97 WSS1.5KW-4
7.2	1510	196.52	36600	2.7	SAF 97 WSS1.5KW-4
3.6	2740	258.18	26600	0.90	S 87 WSS1.5KW-6
4.1	2390	222.40	27700	1.00	SF 87 WSS1.5KW-6
4.5	2200	202.96	28100	1.10	SA 87 WSS1.5KW-6
5.1	1980	180.00	28500	1.20	SAF 87 WSS1.5KW-6
4.9	2060	288.00	28300	1.10	
5.5	1860	258.18	28700	1.20	
6.3	1630	222.40	29000	1.40	
6.9	1500	202.96	29200	1.50	S 87 WSS1.5KW-4
7.8	1340	180.00	29400	1.65	SF 87 WSS1.5KW-4
9.3	1140	151.30	29600	1.90	SA 87 WSS1.5KW-4
10	1060	139.05	29600	2.0	SAF 87 WSS1.5KW-4
11	950	123.48	29700	2.2	
13	850	110.40	29800	2.3	
14	770	99.26	29900	2.5	
7.5	1330	189.09	10600	0.95	
8.7	1150	161.60	12700	1.10	
9.5	1060	148.15	13400	1.15	
11	940	130.00	14100	1.30	
11	900	123.20	14400	1.35	
13	795	107.83	14900	1.45	
15	725	97.14	15300	1.60	S 77 WSS1.5KW-4
17	640	85.22	15400	1.70	SF 77 WSS1.5KW-4
19	650	75.09	14100	1.70	SA 77 WSS1.5KW-4
20	620	71.33	14000	1.80	SAF 77 WSS1.5KW-4
21	510	66.67	14600	2.0	
22	550	63.03	13700	2.0	
25	440	56.92	14000	2.3	
26	470	53.87	13200	2.3	
29	435	49.38	13000	2.5	
33	385	43.33	12600	2.9	
16	600	85.83	7850	0.85	S 67 WSS1.5KW-4
18	550	78.00	8390	0.95	SF 67 WSS1.5KW-4
21	540	65.63	8510	0.90	SA 67 WSS1.5KW-4
					SAF 67 WSS1.5KW-4
23	515	62.35	8740	0.95	
26	455	54.70	8810	1.05	
30	390	46.40	8590	1.25	
34	355	41.89	8450	1.35	
38	310	36.85	8250	1.55	
41	295	34.80	8160	1.60	S 67 WSS1.5KW-4
48	255	29.63	7900	1.90	SF 67 WSS1.5KW-4
52	230	26.93	7740	2.1	SA 67 WSS1.5KW-4
58	220	24.44	7000	1.55	SAF 67 WSS1.5KW-4
61	210	23.22	6950	1.60	
69	186	20.37	6790	1.85	
82	159	17.28	6580	2.1	
90	144	15.60	6440	2.4	
103	127	13.73	6260	2.7	

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
1.5kW					
43	270	32.48	6630	0.90	
49	245	29.00	6520	1.00	
57	210	24.77	6340	1.15	
61	196	23.20	6270	1.25	S 57 WSS1.5KW-4
72	167	19.54	6060	1.30	SF 57 WSS1.5KW-4
80	159	17.62	5430	1.05	SA 57 WSS1.5KW-4
86	159	16.47	5380	1.15	SAF 57 WSS1.5KW-4
99	129	14.24	5250	1.30	
117	110	12.10	5100	1.55	
131	99	10.80	4980	1.70	
153	85	9.23	4820	2.0	
99	129	14.24	2610	0.85	S 47 WSS1.5KW-4
117	110	12.10	2620	1.00	SF 47 WSS1.5KW-4
131	99	10.80	2620	1.10	SA 47 WSS1.5KW-4
					SAF 47 WSS1.5KW-4
153	85	9.23	2590	1.30	S 47 WSS1.5KW-4
163	79	8.64	2580	1.35	SF 47 WSS1.5KW-4
194	67	7.28	2530	1.55	SA 47 WSS1.5KW-4
					SAF 47 WSS1.5KW-4
299	44	9.02	1330	0.85	S 37 WSS1.5KW-2
338	39	8.00	1350	0.90	SF 37 WSS1.5KW-2
397	33	6.80	1340	0.90	SA 37 WSS1.5KW-2
					SAF 37 WSS1.5KW-2
2.2kW					
3.4	4900	420	18800	0.85	
3.8	4410	376	28300	0.95	S 97/RF57WSS2.2KW-4
4.3	3870	327	33500	1.10	SF 97/RF57WSS2.2KW-4
4.9	3420	287	34300	1.25	SA 97/RF57WSS2.2KW-4
5.6	3000	252	35000	1.40	SAF 97/RF57WSS2.2KW-4
3.3	4530	286.40	30200	0.95	S 97 WSS2.2KW-6
3.6	4180	262.22	32800	1.00	SF 97 WSS2.2KW-6
4.1	3730	231.67	33700	1.15	SA 97 WSS2.2KW-6
4.8	3210	196.52	34600	1.30	SAF 97 WSS2.2KW-6
4.9	3130	288.40	34800	1.30	
5.4	2890	262.22	35100	1.40	
6.1	2570	231.67	35500	1.55	
7.2	2210	196.52	36000	1.80	
7.8	2050	180.95	36100	1.90	S 97 WSS2.2KW-4
8.7	1840	161.74	36300	2.1	SF 97 WSS2.2KW-4
9.7	1670	145.60	36500	2.2	SA 97 WSS2.2KW-4
11	1520	131.85	36600	2.4	SAF 97 WSS2.2KW-4
12	1360	116.92	36700	2.6	
13	1240	105.71	36800	2.8	
16	1060	89.60	36900	3.1	
5.5	2730	258.18	26800	0.85	
6.3	2380	222.40	27700	0.95	
6.9	2190	202.96	28100	1.05	
7.8	1970	180.00	28500	1.10	
9.3	1680	151.30	28900	1.30	
10	1550	139.05	29100	1.35	S 87 WSS2.2KW-4
11	1390	123.48	29300	1.50	SF 87 WSS2.2KW-4
13	1250	110.40	29500	1.60	SA 87 WSS2.2KW-4
14	1130	99.26	29600	1.75	SAF 87 WSS2.2KW-4
16	990	86.15	29700	1.90	
17	1060	81.76	29600	1.50	
18	890	77.14	29800	2.0	
20	920	70.43	29700	1.75	
22	840	64.27	29800	1.90	
25	750	57.00	29900	2.1	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
2.2kW					
11	1390	130.00	6140	0.85	
11	1320	123.20	11100	0.90	
13	1170	107.83	12600	1.00	
15	1060	97.14	13400	1.10	
17	940	85.22	14100	1.15	
19	840	75.20	13800	1.30	
21	745	66.67	13500	1.40	
22	810	63.03	12400	1.35	
25	645	56.92	13100	1.55	S 77 WSS2.2KW-4
26	695	53.87	12100	1.60	SF 77 WSS2.2KW-4
29	635	49.38	11900	1.75	SA 77 WSS2.2KW-4
33	560	43.33	11700	1.95	SAF 77 WSS2.2KW-4
34	535	41.07	11600	2.1	
39	470	35.94	11300	2.3	
44	425	32.38	11000	2.6	
50	375	28.41	10700	2.8	
56	330	25.07	10400	3.1	
62	310	22.89	9490	2.3	
67	285	20.99	9340	2.5	
30	570	46.40	7480	0.85	
34	515	41.89	7440	0.95	
38	460	36.85	7360	1.05	
41	435	34.80	7320	1.10	
48	370	29.63	7180	1.30	
52	340	26.93	7080	1.40	
60	295	23.33	6920	1.60	S 67 WSS2.2KW-4
69	275	20.37	6060	1.25	SF 67 WSS2.2KW-4
82	235	17.28	5960	1.45	SA 67 WSS2.2KW-4
90	210	15.60	5880	1.60	SAF 67 WSS2.2KW-4
103	186	13.73	5770	1.85	
109	176	12.96	5710	1.95	
128	151	11.03	5550	2.3	
141	137	10.03	5450	2.5	
162	119	8.69	5300	2.8	
99	190	14.24	4640	0.90	
117	162	12.10	4580	1.05	S 57 WSS2.2KW-4
131	145	10.80	4520	1.15	SF 57 WSS2.2KW-4
153	124	9.23	4420	1.35	SA 57 WSS2.2KW-4
163	117	8.64	4380	1.40	SAF 57 WSS2.2KW-4
194	99	7.28	4250	1.50	
3.0kW					
4.9	4710	287	23700	0.90	S 97/RF57WSS3.0KW-4
5.6	4140	252	32400	1.00	SF 97/RF57WSS3.0KW-4
6.4	3620	219	33900	1.15	SA 97/RF57WSS3.0KW-4
6.8	3400	205	34300	1.25	SAF97/RF57WSS3.0KW-4
4.9	4290	286.40	32600	0.95	
5.3	3960	262.22	33300	1.00	
6.0	3530	231.67	34100	1.15	
7.1	3040	196.52	34900	1.30	
7.7	2810	180.95	35200	1.40	S 97 WSS3.0KW-4
8.7	2530	161.74	35600	1.50	SF 97 WSS3.0KW-4
9.6	2300	145.60	35900	1.65	SA 97 WSS3.0KW-4
11	2090	131.85	36100	1.75	SAF 97 WSS3.0KW-4
12	1870	116.92	36300	1.90	
13	1700	105.71	36400	2.0	
16	1450	89.60	36600	2.2	
17	1470	80.85	36600	2.2	

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
3.0kW					
7.8	2700	180.00	27100	0.80	
9.2	2300	151.30	27900	0.95	
10	2130	139.05	28200	1.00	
11	1900	123.48	28600	1.10	
13	1720	110.40	28900	1.15	
14	1550	99.26	29100	1.25	
16	1360	86.15	29300	1.40	
17	1460	81.76	29200	1.10	S 87 WSS3.0KW-4
18	1230	77.14	29500	1.50	SF 87 WSS3.0KW-4
20	1260	70.43	29400	1.25	SA 87 WSS3.0KW-4
22	1160	64.27	29500	1.40	SAF 87 WSS3.0KW-4
25	1030	57.00	29700	1.55	
29	870	47.91	29800	1.85	
32	800	44.03	29800	2.0	
36	715	39.10	29900	2.2	
40	640	34.96	29900	2.5	
16	1290	85.22	11500	0.85	S 77 WSS3.0KW-4
19	1150	75.20	12500	0.95	SF 77 WSS3.0KW-4
21	1020	66.67	12400	1.00	SA 77 WSS3.0KW-4
22	1110	63.03	10900	1.00	SAF 77 WSS3.0KW-4
25	880	56.92	12100	1.10	
26	950	53.87	10800	1.15	
28	880	49.38	10800	1.25	
32	770	43.33	10700	1.40	
34	735	41.07	10600	1.50	
39	645	35.94	10400	1.70	
43	585	32.38	10300	1.85	S 77 WSS3.0KW-4
49	515	28.41	10100	2.0	SF 77 WSS3.0KW-4
56	455	25.07	9840	2.2	SA 77 WSS3.0KW-4
61	430	22.89	8680	1.65	SAF 77 WSS3.0KW-4
67	395	20.99	8590	1.80	
76	345	18.42	8450	2.0	
80	330	17.45	8390	2.2	
92	290	15.28	8210	2.5	
102	260	13.76	8060	2.7	
116	230	12.07	7870	3.1	
131	205	10.65	7670	3.5	
40	595	34.80	6350	0.80	S 67 WSS3.0KW-4
47	510	29.63	6350	0.95	SF 67 WSS3.0KW-4
52	465	26.93	6330	1.05	SA 67 WSS3.0KW-4
					SAF 67 WSS3.0KW-4
60	405	23.33	6270	1.20	
69	375	20.37	5230	0.90	
81	320	17.28	5250	1.05	S 67 WSS3.0KW-4
90	290	15.60	5240	1.15	SF 67 WSS3.0KW-4
102	255	13.73	5210	1.35	SA 67 WSS3.0KW-4
108	240	12.96	5190	1.40	SAF 67 WSS3.0KW-4
127	205	11.03	5100	1.65	
140	188	10.03	5050	1.80	
161	164	8.69	4940	2.0	
185	143	7.56	4830	2.1	
130	199	10.80	3990	0.85	S 57 WSS3.0KW-4
152	171	9.23	3970	1.00	SF 57 WSS3.0KW-4
162	160	8.64	3960	1.05	SA 57 WSS3.0KW-4
192	136	7.28	3900	1.10	SAF 57 WSS3.0KW-4
4.0kW					
6.5	4780	219	22700	0.90	S 97/RF57WSS4.0KW-4
6.9	4490	205	27300	0.95	SF 97/RF57WSS4.0KW-4
					SA 97/RF57WSS4.0KW-4
					SAF 97/RF57WSS4.0KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
4.0kW					
6.1	4650	231.67	28300	0.85	
7.2	3990	196.52	33200	1.00	
7.8	3700	180.95	33800	1.05	
8.8	3330	161.74	3440	1.15	
9.8	3020	145.60	34900	1.25	S 97 WSS4.0KW-4
11	2750	131.85	35300	1.35	SF 97 WSS4.0KW-4
12	2460	116.92	35700	1.45	SA 97 WSS4.0KW-4
13	2230	105.71	35900	1.55	SAF 97 WSS4.0KW-4
16	1910	89.60	36300	1.70	
18	1940	80.85	36200	1.65	
20	1720	71.43	36400	1.90	
23	1470	60.59	36600	2.2	
25	1350	55.79	36700	2.4	
12	2510	123.48	27500	0.80	
13	2260	110.40	28000	0.90	
14	2040	99.26	28400	0.95	
16	1790	86.15	28800	1.05	
18	1610	77.14	29000	1.15	
20	1660	70.43	28900	0.95	
22	1520	64.27	29100	1.05	S 87 WSS4.0KW-4
25	1350	57.00	29300	1.20	SF 87 WSS4.0KW-4
30	1150	47.91	29500	1.40	SA 87 WSS4.0KW-4
32	1060	44.03	29600	1.50	SAF 87 WSS4.0KW-4
36	940	39.10	29700	1.70	
41	840	34.96	29800	1.90	
45	760	31.43	29100	2.1	
52	665	27.28	28200	2.4	
56	635	25.50	26600	1.95	
25	1160	56.92	10800	0.85	S 77 WSS4.0KW-4
26	1250	53.87	9250	0.90	SF 77 WSS4.0KW-4
29	1150	49.38	9320	0.95	SA 77 WSS4.0KW-4
33	1020	43.33	9370	1.10	SAF 77 WSS4.0KW-4
35	960	41.07	9370	1.15	
40	850	35.94	9340	1.30	
44	765	32.38	9290	1.40	
50	675	28.41	9190	1.55	
57	600	25.07	9070	1.70	S 77 WSS4.0KW-4
62	565	22.89	7650	1.25	SF 77 WSS4.0KW-4
68	520	20.99	7650	1.35	SA 77 WSS4.0KW-4
77	455	18.42	7620	1.55	SAF 77 WSS4.0KW-4
81	435	17.45	7590	1.65	
93	380	15.28	7510	1.85	
103	345	13.76	7430	2.1	
118	300	12.07	7310	2.4	
133	265	10.65	7170	2.7	
150	235	9.44	7030	3.1	
176	205	8.06	6830	3.3	
82	420	17.28	3810	0.80	
91	380	15.60	4180	0.90	S 67 WSS4.0KW-4
103	335	13.73	4500	1.00	SF 67 WSS4.0KW-4
110	320	12.96	4520	1.05	SA 67 WSS4.0KW-4
129	270	11.03	4530	1.25	SAF 67 WSS4.0KW-4
142	245	10.03	4520	1.35	
163	215	8.69	4490	1.55	
188	188	7.56	4430	1.55	
5.5kW					
8.8	4550	161.74	29900	0.85	
9.8	4130	145.60	32900	0.90	
11	3760	131.85	33700	0.95	
12	3360	116.92	34400	1.05	
14	3050	105.71	34900	1.15	S 97 WSS5.5KW-4
16	2610	89.60	35500	1.25	SF 97 WSS5.5KW-4
18	2290	78.26	35900	1.35	SA 97 WSS5.5KW-4
20	2350	71.43	35800	1.40	SAF 97 WSS5.5KW-4
22	1930	65.45	36200	1.50	
24	2000	60.59	36200	1.65	
26	1850	55.79	36300	1.80	
29	1660	49.87	36500	2.0	
32	1500	44.89	36600	2.2	
35	1360	40.65	36700	2.4	

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
5.5kW					
19	2200	77.14	28100	0.85	S 87 WSS5.5KW-4
22	1850	64.00	28700	0.90	SF 87 WSS5.5KW-4
25	1850	57.00	28700	0.85	SA 87 WSS5.5KW-4
30	1560	47.91	29100	1.00	SAF 87 WSS5.5KW-4
32	1440	44.03	29200	1.10	
37	1280	39.10	29200	1.25	
41	1150	34.96	28600	1.40	
45	1040	31.43	28000	1.55	
52	910	27.28	27200	1.75	
56	870	25.50	25200	1.45	S 87 WSS5.5KW-4
67	730	21.43	24500	1.70	SF 87 WSS5.5KW-4
73	675	19.70	24100	1.85	SA 87 WSS5.5KW-4
82	600	17.49	23500	2.1	SAF 87 WSS5.5KW-4
91	535	15.64	23000	2.3	
102	485	14.06	22500	2.6	
117	420	12.21	21800	3.0	
131	375	10.93	21200	3.3	
35	1320	41.07	7560	0.85	S 77 WSS5.5KW-4
40	1160	35.94	7750	0.95	SF 77 WSS5.5KW-4
44	1050	32.38	7850	1.05	SA 77 WSS5.5KW-4
50	920	28.41	7920	1.15	SAF 77 WSS5.5KW-4
57	820	25.07	7940	1.25	
64	725	22.22	7920	1.35	
78	625	18.42	5920	1.15	
82	590	17.45	6170	1.20	S 77 WSS5.5KW-4
94	520	15.28	6490	1.35	SF 77 WSS5.5KW-4
104	470	13.76	6510	1.50	SA 77 WSS5.5KW-4
118	410	12.07	6500	1.75	SAF 77 WSS5.5KW-4
134	365	10.65	6450	2.0	
151	325	9.44	6390	2.2	
177	275	8.06	6280	2.5	
130	370	11.03	2930	0.90	S 67 WSS5.5KW-4
143	310	10.03	3260	1.00	SF 67 WSS5.5KW-4
165	295	8.69	3670	1.15	SA 67 WSS5.5KW-4
189	255	7.56	3850	1.15	SAF 67 WSS5.5KW-4
7.5kW					
14	4160	105.71	32900	0.85	
16	3560	89.60	34100	0.90	
18	3130	78.26	34800	1.00	
20	3200	71.43	34600	1.05	
22	2630	65.45	35500	1.10	
24	2730	60.59	35300	1.20	
26	2520	55.79	35600	1.30	S 97 WSS7.5KW-4
29	2260	49.87	35900	1.45	SF 97 WSS7.5KW-4
32	2040	44.89	36100	1.60	SA 97 WSS7.5KW-4
35	1850	40.65	36300	1.80	SAF 97 WSS7.5KW-4
40	1650	36.05	36200	2.0	
44	1490	32.60	35500	2.2	
54	1240	26.39	32000	2.1	
61	1110	23.59	31400	2.3	
67	1000	21.23	30700	2.6	
74	910	19.23	30100	2.9	
32	1970	44.03	27800	0.80	S 87 WSS7.5KW-4
37	1750	39.10	27400	0.90	SF 87 WSS7.5KW-4
41	1570	34.96	27000	1.00	SA 87 WSS7.5KW-4
45	1420	31.43	26500	1.15	SAF 87 WSS7.5KW-4
52	1230	27.28	25900	1.30	
56	1180	25.50	23500	1.05	
67	1000	21.43	23000	1.25	
73	920	19.70	22700	1.35	S 87 WSS7.5KW-4
82	820	17.49	22300	1.50	SF 87 WSS7.5KW-4
91	730	15.64	21900	1.70	SA 87 WSS7.5KW-4
102	660	14.06	21500	1.90	SAF 87 WSS7.5KW-4
117	575	12.21	20900	2.2	
131	515	10.93	20500	2.4	
158	430	9.07	19700	2.7	
181	375	7.88	19100	2.7	

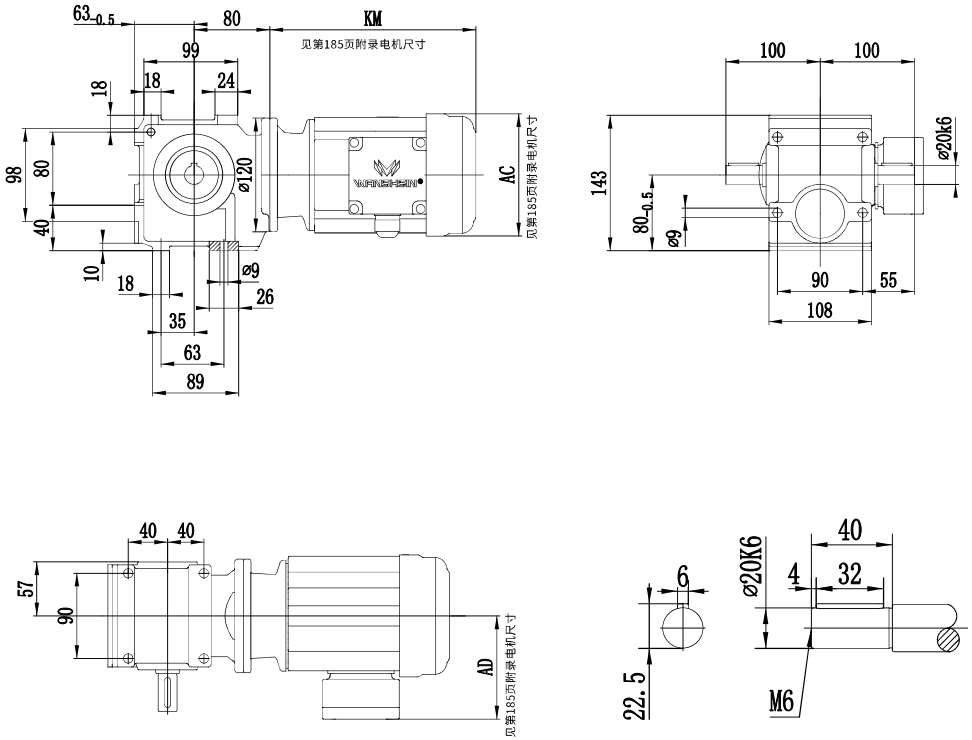
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
7.5kW					
50	1260	28.41	6240	0.85	S 77 WSS7.5KW-4
57	1110	25.07	6450	0.90	SF 77 WSS7.5KW-4
64	990	22.22	6600	1.00	SA 77 WSS7.5KW-4
78	850	18.42	1860	0.85	SAF 77 WSS7.5KW-4
82	810	17.45	2290	0.90	
94	705	15.28	3250	1.00	
104	640	13.76	3890	1.10	S 77 WSS7.5KW-4
118	560	12.07	4570	1.30	SF 77 WSS7.5KW-4
134	495	10.65	5110	1.45	SA 77 WSS7.5KW-4
151	440	9.44	5540	1.65	SAF 77 WSS7.5KW-4
177	380	8.06	5580	1.80	
9.2kW					
18	3810	78.26	33600	0.80	S 97 WSS9.2KW-4
22	3210	65.45	34600	0.90	SF 97 WSS9.2KW-4
26	3070	55.79	34800	1.05	SA 97 WSS9.2KW-4
29	2750	49.87	35300	1.20	SAF 97 WSS9.2KW-4
32	2480	44.89	35600	1.35	
35	2260	40.65	35700	1.45	
40	2010	36.05	35000	1.65	
44	1820	32.60	34400	1.75	
55	1510	26.39	30700	1.70	S 97 WSS9.2KW-4
61	1350	23.59	30200	1.9	SF 97 WSS9.2KW-4
68	1220	21.23	29700	2.1	SA 97 WSS9.2KW-4
75	1110	19.23	29200	2.3	SAF 97 WSS9.2KW-4
84	980	17.05	28500	2.6	
93	890	15.42	28000	2.8	
110	755	13.07	27000	3.1	
126	660	11.41	26200	3.3	
41	1910	34.96	25600	0.85	S 87 WSS9.2KW-4
46	1730	31.43	25300	0.95	SF 87 WSS9.2KW-4
53	1500	27.28	24800	1.05	SA 87 WSS9.2KW-4
59	1350	24.43	24400	1.20	SAF 87 WSS9.2KW-4
71	1120	20.27	23700	1.40	
73	1120	19.70	21600	1.10	
82	1000	17.49	21300	1.25	
92	890	15.64	21000	1.40	S 87 WSS9.2KW-4
102	800	14.06	20700	1.55	SF 87 WSS9.2KW-4
118	700	12.21	20200	1.75	SA 87 WSS9.2KW-4
132	625	10.93	19800	2.0	SAF 87 WSS9.2KW-4
159	520	9.07	19100	2.2	
183	455	7.88	18600	2.2	
76	1040	18.97	5760	0.90	S 77 WSS9.2KW-4
105	780	13.76	1350	0.90	SF 77 WSS9.2KW-4
119	685	12.07	2290	1.05	SA 77 WSS9.2KW-4
135	605	10.65	3060	1.20	SAF 77 WSS9.2KW-4
152	535	9.44	3690	1.35	
179	460	8.06	4360	1.50	
11.0kW					
26	3670	55.79	33800	0.90	
29	3290	49.87	34500	1.00	
32	2970	44.89	34800	1.10	
35	2700	40.65	34400	1.20	
40	2400	36.05	33800	1.40	
44	2170	32.60	33300	1.45	S 97 WSS11KW-4
55	1810	26.39	29400	1.45	SF 97 WSS11KW-4
61	1620	23.59	29000	1.60	SA 97 WSS11KW-4
68	1460	21.23	28600	1.80	SAF 97 WSS11KW-4
75	1320	19.23	28200	1.95	
84	1180	17.05	27600	2.2	
93	1070	15.42	27200	2.3	
110	900	13.07	26400	2.6	
126	790	11.41	25700	2.8	
53	1800	27.28	23700	0.90	S 87 WSS11KW-4
59	1610	24.43	23400	1.00	SF 87 WSS11KW-4
71	1340	20.27	22800	1.20	SA 87 WSS11KW-4
					SAF 87 WSS11KW-4

输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
11.0kW					
73	1340	19.70	20400	0.95	
82	1190	17.49	20200	1.05	
92	1070	15.64	20000	1.15	
102	960	14.06	19800	1.30	S 87 WSS11KW-4
118	840	12.21	19400	1.50	SF 87 WSS11KW-4
132	750	10.93	19100	1.65	SA 87 WSS11KW-4
159	625	9.07	18600	1.85	SAF 87 WSS11KW-4
183	545	7.88	18100	1.85	
15.0kW					
33	4000	44.89	31400	0.85	S 97 WSS15KW-4
36	3630	40.65	31300	0.90	SF 97 WSS15KW-4
41	3230	36.05	31000	1.00	SA 97 WSS15KW-4
45	2920	32.60	30800	1.10	SAF 97 WSS15KW-4
55	2430	26.39	26400	1.05	
62	2180	23.59	26300	1.20	
69	1970	21.23	26200	1.30	
76	1780	19.23	26000	1.45	
86	1580	17.05	25700	1.60	S 97 WSS15KW-4
95	1430	15.42	25400	1.70	SF 97 WSS15KW-4
112	1220	13.07	24800	1.90	SA 97 WSS15KW-4
128	1060	11.41	24300	2.1	SAF 97 WSS15KW-4
153	890	9.55	23600	2.3	
177	775	8.26	22900	2.3	
93	1430	15.64	17900	0.85	S 87 WSS15KW-4
104	1290	14.06	17900	0.95	SF 87 WSS15KW-4
120	1120	12.21	17800	1.10	SA 87 WSS15KW-4
134	1010	10.93	17600	1.25	SAF 87 WSS15KW-4
161	840	9.07	17300	1.35	S 87 WSS15KW-4
185	730	7.88	17000	1.40	SF 87 WSS15KW-4
					SA 87 WSS15KW-4
					SAF 87 WSS15KW-4
18.5kW					
41	3970	36.05	28700	0.85	
45	3590	32.60	28600	0.90	
53	3060	27.63	28400	1.00	
61	2680	24.13	28100	1.05	
69	2420	21.23	24100	1.10	
76	2190	19.23	24100	1.20	S 97 WSS18.5KW-4
86	1950	17.05	24000	1.30	SF 97 WSS18.5KW-4
95	1760	15.42	23900	1.40	SA 97 WSS18.5KW-4
112	1500	13.07	23500	1.55	SAF 97 WSS18.5KW-4
128	1310	11.41	23200	1.70	
153	1100	9.55	22600	1.85	
177	950	8.26	22100	1.85	

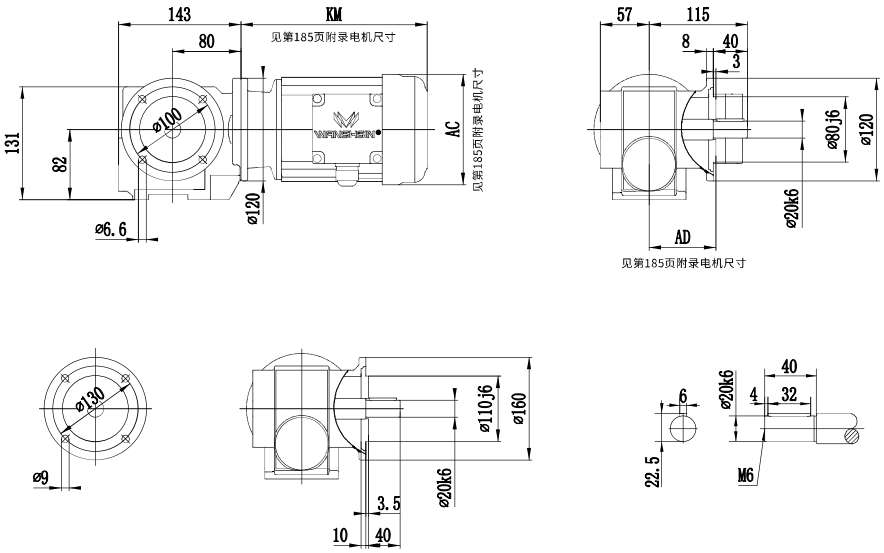
输出转速 Output speed n_a [r/min]	输出转矩 Output torque M_a [N·m]	传动比 Ratio i	径向负荷 Permitted overhung load F_{Ra} [N]	使用系数 Service factor f_B	机型号 Model
22kW					
53	3630	27.63	26600	0.85	
61	3180	24.13	26500	0.90	S 97 WSS22KW-4
69	2870	21.23	19800	0.90	SF 97 WSS22KW-4
76	2600	19.23	21800	1.00	SA 97 WSS22KW-4
86	2310	17.05	22300	1.10	SAF 97 WSS22KW-4
95	2090	15.42	22400	1.20	
112	1780	13.07	22300	1.30	S 97 WSS22KW-4
128	1560	11.41	22100	1.40	SF 97 WSS22KW-4
153	1300	9.55	21700	1.55	SA 97 WSS22KW-4
177	1130	8.26	21300	1.55	SAF 97 WSS22KW-4

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

S37..



SF37..



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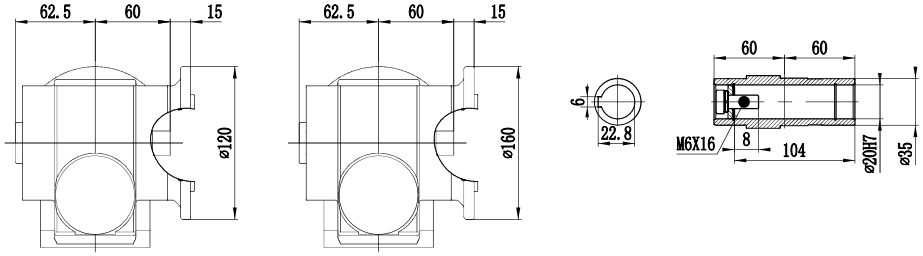
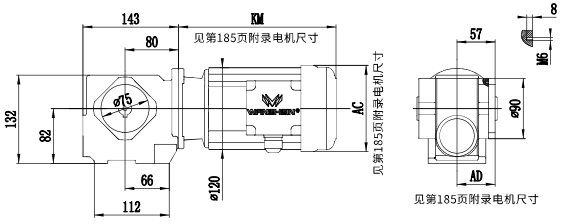
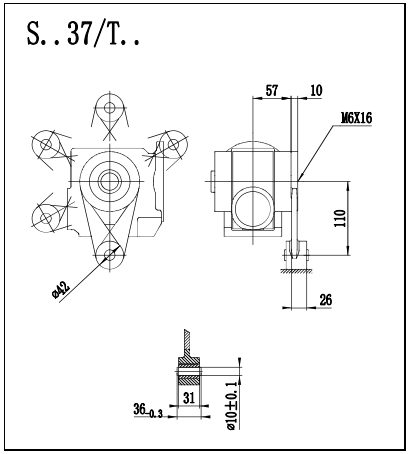
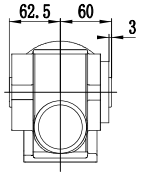


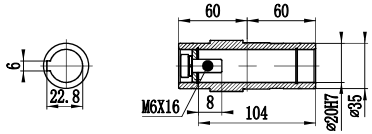
S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

SA37..

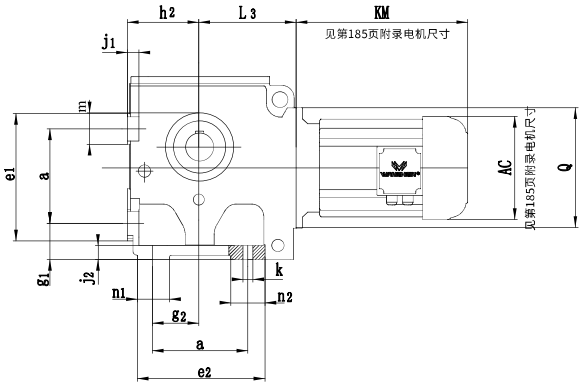


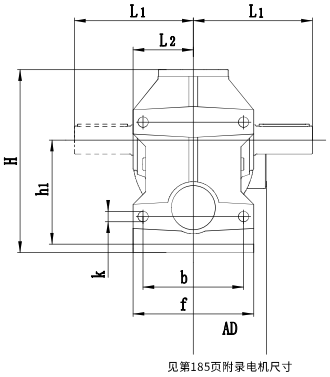


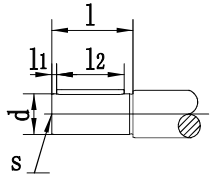




S47..~S97..



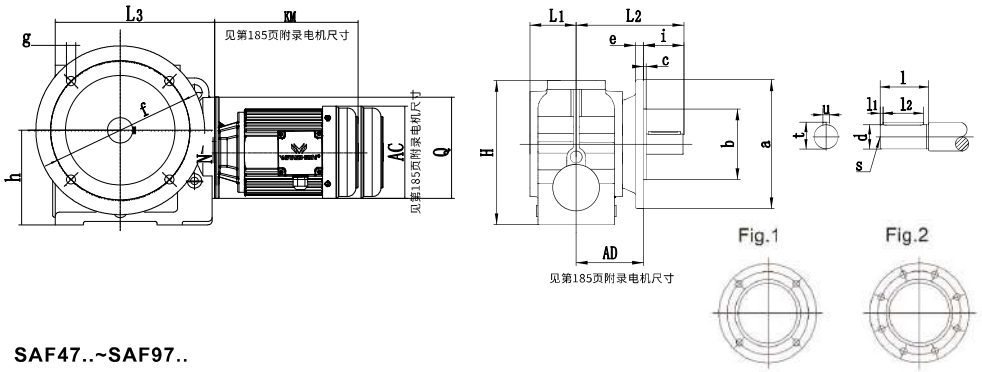




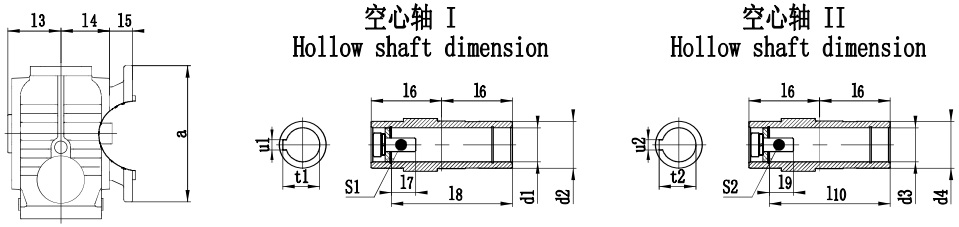
型号 Model	a b	e1 e2 f	g1 g2	h1 h2	j1 j2 k	m n1 n2	轴伸尺寸 Shaft dimension				L1 L2 L3	H	N Q
							d l	l1 l2	s	t u			
S47..	80 100	105 112 120	35 35	100-0.5 75-0.5	12 15 11	25 30 30	25k6 50	5 40	M10	28 8	115 60 96	165	8 120
S57..	100 110	130 130 136	35 45	112-0.5 80-0.5	12 15 11	30 30 30	30k6 60	3.5 50	M10	33 8	134 71 107	189	20 120
S67	130 130	170 175 160	40 60	140-0.5 106-0.5	15 20 13.5	40 45 45	35k6 70	7 56	M12	38 10	160 85.5 135	236	22 160
S77	135 150	177 204 185	70 75	180-0.5 125-0.5	25 25 17.5	42 50 69	45k6 90	5 80	M16	48.5 14	195 101 162	301	34 200
S87	180 200	230 247 250	82 92	225-0.5 150-0.5	30 30 22	50 60 67	60m6 120	5 110	M20	64 18	255 130 190	368	37.5 250
S97	235 250	295 320 300	90 115	280-0.5 180-0.5	35 35 26	60 80 85	70m6 140	7.5 125	M20	74.5 20	295 150 240	455	52 300

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

SF47..~SF97..

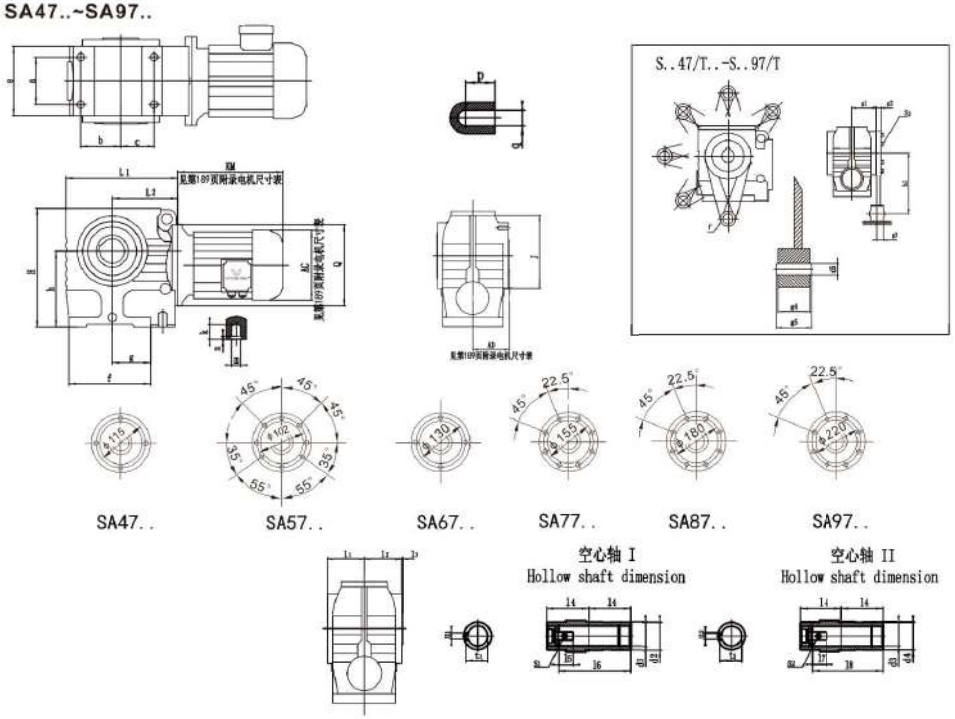


SAF47..~SAF97..



型号 Model	法兰型式 Flange form	a b	c e	f g h	轴伸尺寸 Shaft dimension d l	l_1 l_2	s t u	空心轴 I 尺寸 Hollow shaft I dimension d_1 d_2	l_3 l_4 l_5	l_6 l_7 l_8	s_1 t_1 u_1	空心轴II尺寸 Hollow shaft II dimension d_3 d_4	l_9 l_{10}	s_2 t_2 u_2	H	L_1 L_2	L_3 L_4	N Q
SF47.. SAF47..	Flg.1	160 110j6	3.5 10	130 9 100	25k6 50	5 40	M10 28 8	30^{H7} 45	63 60 24	60 17 105	M10X25 33.3 8	25^{H7} 45	17 105	M10X25 28.3 8	179	57.5 133.5	171 96	8 120
SF57.. SAF57..	Flg.1	200 130j6	3.5 12	165 11 112	30k6 60	3.5 50	M10 33 8	35^{H7} 50	78 75 25	75 22 132	M12X30 38.3 10	30^{H7} 50	17 132	M10X25 33.3 8	189	72 160	187 107	20 120
SF67.. SAF67..	Flg.1	200 130j6	3.5 12	165 11 140	35k6 70	7 56	M12 38 10	45^{H7} 65	87 84 42.5	84 29 144	M16X40 48.8 14	40^{H7} 65	29 144	M16X40 43.3 12	236	80.5 190	242 135	22 160
SF77.. SAF77..	Flg.1	250 180j6	4 15	215 13.5 180	45k6 90	5 80	M16 48.5 14	60^{H7} 80	108 105 45.5	105 37 180	M20X50 64.4 18	50^{H7} 80	32 183	M16X45 53.8 14	301	121 232	287 162	34 200
SF87.. SAF87..	Flg.1	350 250h6	5 18	300 17.5 225	60m6 120	5 110	M20 64 18	70^{H7} 95	128 125 52.5	125 34 220	M20X50 74.9 20	60^{H7} 95	36 220	M20X50 64.4 18	368	145 290	340 190	37.5 250
SF97.. SAF97..	Flg.2	450 350h6	5 22	400 17.5 280	70m6 140	7.5 125	M20 74.5 20	90^{H7} 120	149 145 60	145 41 255	M24X60 95.4 25	70^{H7} 120	34 260	M20X50 74.9 20	455	165 340	420 240	52 300

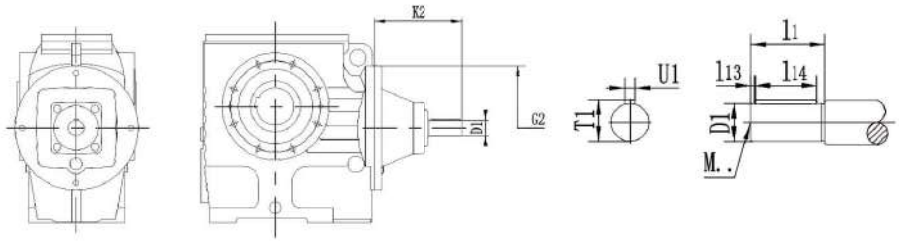
SA47..~SA97..



型号 Model	a b c	e f g	h	k m n	p q	空心轴 I 尺寸 Hollow shaft I dimension d1 d2	l1 l2 l3	l4 l5 l6	s1 t1 u1	空心轴 I 尺寸 Hollow shaft II dimension d3 d4	l7 l8	s2 t2 u2	扭矩臂尺寸 Torque arm form g1 g2 g3	g4 g5 h1	d5 r s3	H_1 L_2	N Q
SA47.. S..47/T..	60 35 52	94 127 67	100	20 M10 4	12 M8	30^{H7} 45	63 60 2.5	60 17 105	M10X25 33.3 8	25^{H7} 45	17 105	M10X25 28.3 8	57.5 15 20.5	31 $36_{-0.3}$ 130	$10.4_{\pm 0.1}$ 21 M8X25	179 171 96	8 120
SA57.. S..57/T..	60 58.5 58.5	100 146 73	112	20 M10 4	12 M8	35^{H7} 50	78 75 3	75 22 132	M12X30 38.3 10	30^{H7} 50	17 132	M10X25 33.3 8	72 15 18.5	31 $36_{-0.3}$ 160	$10.4_{\pm 0.1}$ 21 M8X25	189 187 107	20 120
SA67.. S..67/T..	88 71.5 80.5	128 182 95.5	140	25 M12 5	20 M12	45^{H7} 65	87 84 3.5	84 29 144	M16X40 48.8 14	40^{H7} 65	29 144	M16X40 43.3 12	80.5 18 19.5	31 $36_{-0.3}$ 200	$10.4_{\pm 0.1}$ 21 M12X35	236 242 135	22 160
SA77.. S..77/T..	102 85 85	154 204 104	180	32 M16 6	20 M12	60^{H7} 80	108 105 4	105 37 180	M20X50 64.4 18	50^{H7} 80	32 183	M16X45 53.8 14	101 18 32.5	54 $60_{-0.3}$ 250	$16.4_{\pm 0.08}$ 30 M12X35	301 287 162	34 200
SA87.. S..87/T..	118 115 110	194 260 125	225	32 M16 6	26 M16	70^{H7} 95	128 125 5	125 34 220	M20X50 74.9 20	60^{H7} 95	36 220	M20X50 64.4 18	120 24 25.5	54 $60_{-0.3}$ 310	$16.4_{\pm 0.08}$ 30 M16X45	368 340 190	37.5 250
SA97.. S..97/T..	160 135 113	236 301 140	280	36 M20 6	26 M16	90^{H7} 120	149 145 5	145 41 255	M24X60 95.4 25	70^{H7} 120	34 260	M20X50 74.9 20	140 26 33	72 $80_{-0.5}$ 380	$25_{\pm 0.08}$ 40 M16X50	455 420 240	52 300

S系列斜齿轮-蜗轮蜗杆减速机/S Helical-Worm Geared Motor

S..~AD..



		G2	K2	D1	L1	L13	L14	T1	U1	M
S..37 S..47 S..57	AD1	120	102	16	40	4	32	18	5	M5
	AD2		130	19	40	4	32	21.5	6	M6
S..67	AD2	160	123	19	40	4	32	21.5	6	M6
	AD3		159	24	50	5	40	27	8	M8
S..77	AD2	200	116	19	40	4	32	21.5	6	M6
	AD3		151	24	50	5	40	27	8	M8
	AD4		224	38	80	5	70	41	10	M12
S.87	AD2	250	111	19	40	4	32	21.5	6	M6
	AD3		156	28	60	5	50	31	8	M10
	AD4		219	38	80	5	70	41	10	M12
	AD5		292	42	110	10	70	45	12	M16
S.97	AD3	300	151	28	60	5	50	31	8	M10
	AD4		214	38	80	5	70	41	10	M12
	AD5		287	42	110	10	70	45	12	M16
	AD6		327	48	110	10	80	51.5	14	M16

S..AM..

Fig. 1

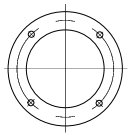
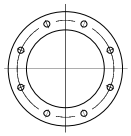


Fig. 2



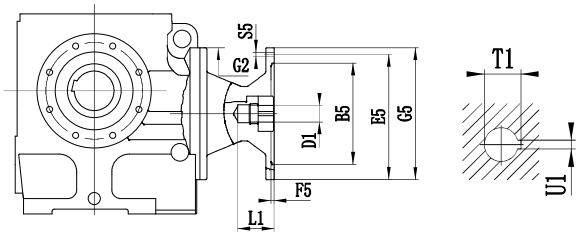
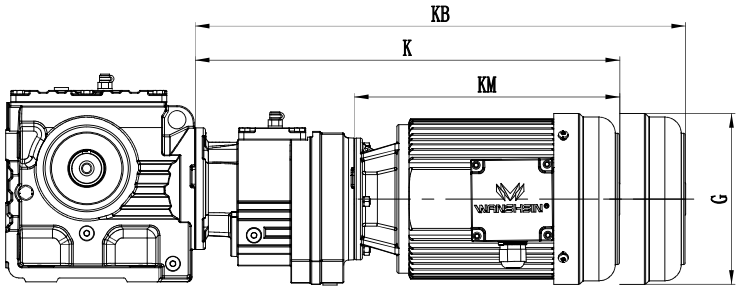


		Fig1	B5	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
S..37 S..47 S..57	AM63	1	95	115	3.5	120	140	M8	72	11	23	12.8	4
	AM71[1)]		110	130			160			14	30	16.3	5
	AM80[1)]		130	165	4.5		200	M10	106	19	40	21.8	6
	AM90[1)]									24	50	27.3	8
S..67	AM63	1	95	115	3.5	160	140	M8	66	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	99	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100[1)]		180	215	5		250	M12	134	28	60	31.3	8
	AM112[1)]												
S..77	AM63	1	95	115	3.5	200	140	M8	60	11	23	12.8	4
	AM71		110	130			160			14	30	16.3	5
	AM80		130	165	4.5		200	M10	92	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100[1)]		180	215	5		250	M12	126	28	60	31.3	8
	AM112[1)]												
	AM132S[1)]		230	265			300		179	38	80	41.3	10
	AM132M[1)]												
	AM132ML[1)]												
S..87	AM80	1	130	165	4.5	250	200	M10	87	19	40	21.8	6
	AM90									24	50	27.3	8
	AM100		180	215	5		250	M12	121	28	60	31.3	8
	AM112												
	AM132S		230	265			300		174	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160[1)]		250	300	6		350	M16	232	42	110	45.3	12
	AM180[1)]									48		51.8	14
S..97	AM100	1	180	215	5	300	250	M12	116	28	60	31.3	8
	AM112												
	AM132S		230	265			300		169	38	80	41.3	10
	AM132M												
	AM132ML												
	AM160		250	300	6		350	M16	227	42	110	45.3	12
	AM180									48		51.8	14
	AM200[1)]		300	350	7		400		268	55		59.3	16
	AM225[1)]	2	350	400			450		283	60	140	64.4	18

1)如果安装在S系列脚安装方式的减速机上，请检查尺寸G5/2,它可能已突出安装平面
Dimension G5/2 May protrude past toot mounting surface if mounted on BS foot-mounted gear unit, please check.

S..~R..



型号组合	功率(KW)	AC	K	KB	KM
S..47R37 S..57R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
S..67R37	0.18	129	371.5	408	206.5
	0.25-0.37	129	372/384.5	407.5/421	207/219.5
	0.55-0.75	169	411.5/412	456.5/457	246.5/247
	1.1-1.5	192	463	508.5	298
S..77R37	0.18	129	363.5	400	206.5
	0.25-0.37	129	364/367.5	399.5/413	207/219.5
	0.55-0.75	169	403.5/404	448.5/449	246.5/247
	1.1-1.5	192	455	500.5	298
S..87R57	0.18	129	422.5	459	206.5
	0.25-0.37	129	423/433.5	458.5/472	207/219.5
	0.55-0.75	169	462.5/463	507.5/508	246.5/247
	1.1-1.5	192	514	559.5	298
	2.2	219	538.5	600.5	322.5
	3	219	538.5	600.5	322.5
S..97R57	0.18	129	417.5	454	206.5
	0.25-0.37	129	418/430.5	453.5/467	207/219.5
	0.55-0.75	169	475.5/458	502.5/503	246.5/247
	1.1-1.5	192	509	554.5	298
	2.2	219	533.5	595.5	322.5
	3	219	533.5	595.5	322.5
	4	219	549.5	611.5	338.5

注：上表中电机尺寸为参考尺寸，因空间限制对电机尺寸有严格要求时请向我公司咨询。
Notes:The dimension of motor in the above table is only reference. If you have special requirement, please consult us.

9.设计和装配注意事项
Important notes of design and mounting

9.1 拆装单键空心轴减速机
9.1 Installation/removal of gear units with hollow shafts and keys

重要提示 Installation

·在装配过程中一定要使用所供应的润滑剂。它的作用是防止接触腐蚀和便于拆卸。
The lubricant supplied must be used during the assembly process.Its function is to prevent contact corrosion and facilitate disassembly

·键的尺寸X是由用户确定，但X必须＞Dk。
The Key dimension X is defined by the customer, however X must be ＞Dk.

安装 Customer shaft

推荐两种方法将用户轴安装到单键空心轴上。
Recommends two methods for mounting gear unit with hollow shafts and keys onto the input shaft of the driven machine(=customer shaft):

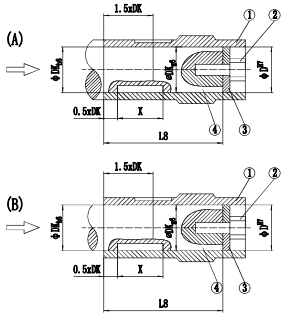
1.用提供的固定件进行装配
Install with supplied fastening elements
2.用可选件：装卸工具进行装配
Install using the optional installation/removal kit

9.1.1 提供的固定件
9.1.1 Fastening elements

标准产品提供下列固定件：
The following fastening elements are supplied as standard:

· 带垫片的紧固螺栓
Retating screw with washer①

· 孔用挡圈
Circlip②



带轴肩的附用户轴
用户轴的安装长度必须为L8-1(mm)(图)
Installation length of customer shaft with contact shoulder(A) must be L8-1mm

用户轴不带轴肩
安装长度必须等于L8(图)
Installation length of customer shaft with contact shoulder(B) must be equal to L8

紧固螺栓要拧紧到MS所示拧紧矩值
The retaining screw② must be tightened to the retaining torque MS listed the following table

①空心轴 Hollow shaft
②带垫片的紧固螺栓 Retaining screw with washer
③孔用挡圈 Circlip
④用户轴 Customer shaft

图：带轴间附用户轴（A）和不带轴间附用户轴（B）
User shaft (A) with and without shaft attached user shaft (B)

减速器型号 Gear unit type	D[mm]	D K[MM]	L8[MM]	MS[Nm]
SA..37	20	20	84, 106, 104	8
SA..47	25	25	105	20
FA..37,KA..37,SA..47,SA..57	30	30	105 132	20
FA..47,KA..47,SA..57	35	35	132	20
FA..57,KA..57 FA..67,KA..67 SA..67	40	40	142 156 144	40
SA..67	45	45	144	40
FA..77,KA..77,SA..77	50	50	183	40
FA..87,KA..87 SA..77,SA..87	60	60	210 180, 220	80
FA..97,KA..97 SA..87,SA..97	70	70	270 220, 260	80
FA..107,KA..107,SA..97	90	90	313, 313, 255	200
FA..127,KA..127	100	100	373	200
FA..157,KA..157	120	120	460	200

设计和装配注意事项/Important Notes Of Design And Mounting

9.1.2 拆装工具
9.1.2 Installation /removal kit

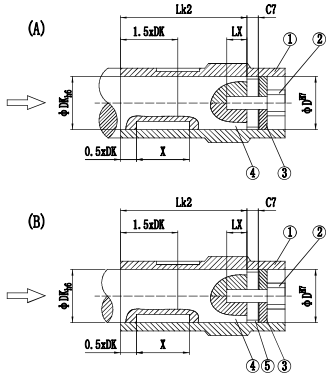
可使用的选件：拆装工具进行装配。可以通过表中输出的零件号订购减速机的拆装工具。拆装工具包含以下零件：

· 对没有轴肩的用户轴装配所用的轴套　　· 拆卸用的压盘
· 装配用的紧固螺栓　　· 拆卸用的锁母

You can use the optional installation/removal kit for installation. The kit can be ordered for the specific gear unit types by quoting the part numbers in the table below. The accessories of the tools including:
-Distance piece for installation without contact shoulder⑤
-Retaining screw for installation ②
-Removal washer for installation ⑦
-Fixed nut for removal ⑧

①空心轴
②带垫片的紧固螺栓
③孔用挡圈
④用户轴
⑤轴套

①Hollow shaft
②Retaining screw with washer
③Chirclip
④Customer shaft
⑤Distance piece



带轴肩的用户轴
安装长度LK2【→图A】不使用轴套
The installation length of the customer shaft must be Lk2.
The distance piece must not be used if the customer shaft does have a contact shoulder(A).

不带轴肩的用户轴
安装长度LK2【→图B】不使用轴套
The installation length of the customer shaft must be Lk2.
The distance piece must not be used if the customer shaft does have a contact shoulder(A).

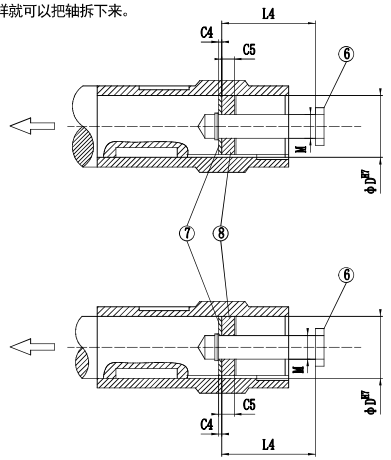
图：带轴肩附用户轴（A）和不带轴肩附用户轴（B）
Fig:Customer shaft with contact shoulder(A) and without contact shoulder (B)

减速器型号 Gear unit type	D^{H7}[mm]	DK[MM]	LK2[mm]	LX^{-2}[MM]	C7[Nm]	MS[Nm]
SA..37	20	20	92	16	12	8
SA..47	25	25	89	22	16	20
FA..37,KA..37,SA..47 SA..57	30	30	89 89,116	22	16	20
FA..47,KA..47,SA..57	35	35	114	28	18	20
FA..57,KA..57 FA..67,KA..67 SA..67	40	40	124 138,138,126	36	18	40
SA..67	45	45	126	36	18	40
FA..77,KA..77,SA..77	50	50	165	36	18	40
FA..87,KA..87 SA..77,SA..87	60	60	188 158,198	42	22	80
FA..97,KA..97 SA..87,SA..97	70	70	248 198,38	42	22	80
FA..107,KA..107,SA..97	90	90	287 229	50	26	200
FA..127,KA..127	100	100	247	50	26	200
FA..157,KA..157	120	120	434	50	26	200

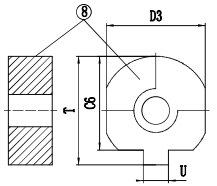
拆卸 Removal

用的拆装工具进行装配，须按以下步骤进行拆卸
1. 拆下紧固螺旋⑥
2. 拆下挡圈③，若使用了轴套⑤也一并拆下
3. 在用户轴④和挡圈③之间按图13装上压盘⑦和锁母⑧
4. 重新装上挡圈③
5. 重新装上紧固螺栓⑥
这样就可以把轴拆下来。

Apply installation/removal kit and operating according to the following steps.
Proceed as follows for removal:
1.Remove the retaining screw⑥
2. Remove the Circlip ③ and if used, the distance piece⑤
3. Insert the removal washer ⑦ and the fixed nut ⑧ between the customer shaft ④ and circlip ③ according to Fig.
4.Re-inser the circlip③.
5. Re-insert the retaining screw ⑥. You can now push the gear unit off the shaft.



⑥ 螺栓 Retaining screw
⑦ 压盘 Removal washer
⑧ 拆卸用锁母 Fixed nut for removal

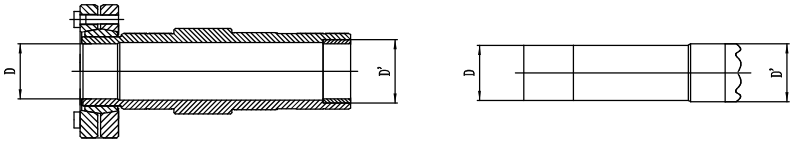


图：空心轴拆卸示意图
Fig. Removal

型号 Model	D^{H7} [mm]	M	C4 [mm]	C5 [mm]	C6 [mm]	$U^{-0.5}$ [mm]	$T^{-0.5}$ [mm]	$D3^{-0.5/-0.4}$ [mm]	拆装工具零件号 Installation/ removaikit partnumber
SA..37	20	M6	5	6	15.5	5.5	22.5	19.7	25
SA..47	25	M10	5	10	20	7.5	28	24.7	35
FA..37,KA..37,SA..57	30	M10	5	10	25	7.5	33	29.7	35
FA..47,SA..57	35	M12	5	12	29	9.5	38	34.7	45
FA..57,KA..57,FA..67,KA..67,SA..67	40	M16	5	12	34	11.5	41.9	39.7	50
SA..67	45	M16	5	12	38.5	13.5	48.5	44.7	50
FA..77,KA..77,SA..77	50	M16	5	12	43.5	13.5	53.5	49.7	50
FA..87,KA..87,SA..77,SA..87	60	M20	5	16	56	17.5	64	59.7	60
FA..97,KA..97,SA..97	70	M20	5	16	65.5	19.5	74.5	69.7	60
FA..107,KA..107,SA..97	90	M24	5	20	80	24.5	95	89.7	70

9.2 带轴阶的空心轴和锁紧盘选件
9.2 Shouldered hollow shaft with shrink disk (optional components)

带空心轴锁紧盘的减速机（FH/FHF/FHZ37-175） 平行轴减速机KH/KHF/KHZ37-157 斜齿轮-锥齿轮减速机和SH/SHF47-97斜齿轮蜗轮蜗杆减速机，可提供较大的轴孔直径D'作为选件
D=D'为标准产品
Gear units with hollow shaft and shrink disk(FH/FHF/FHZ37-157), parallel shaft gear units (KH/KHF/KHZ37-157), helical-bevel gear unit and helical-worm gear units (SH/SHF47-97) can be supplied with an optional larger hole diameter D'
The standard is D'=D



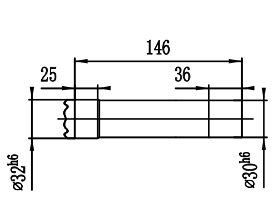
图：选件轴孔直径D'
Fig: Optional hole diameter D'

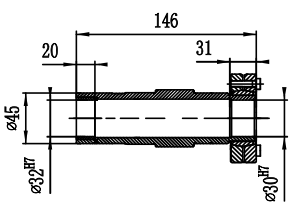
减速器型号 Gear unit size	孔径 D / D' Hole diametier
FH/FHF/FHZ37,KH/KHF/KHZ37,SH/SHF/SHZ47	30/32
FH/FHF/FHZ47,KH/KHF/KHZ47,SH/SHF/SHZ57	35/35
FH/FHF/FHZ57,KH/KHF/KHZ57	40/42
FH/FHF/FHZ67,KH/KHF/KHZ67,SH/SHF/SHZ67	40/42
FH/FHF/FHZ77,KH/KHF/KHZ77,SH/SHF/SHZ77	50/52
FH/FHF/FHZ87,KH/KHF/KHZ87,SH/SHF/SHZ87	65/66
FH/FHF/FHZ97,KH/KHF/KHZ97,SH/SHF/SHZ97	75/76
FH/FHF/FHZ107,KH/KHF/KHZ107	95/96
FH/FHF/FHZ127,KH/KHF/KHZ127	105/106
FH/FHF/FHZ157,KH/KHF/KHZ157	125/126

订购带轴阶的空心轴减速机（可选轴孔直径D'）必须注明D/D'尺寸。
例如：FH37 D80N4 30/32
Diameter D/D' must be specified when ordering gear units with a shouldered hollow shaft (optional hole diameter D').

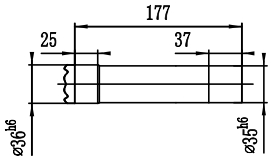
带轴阶空心轴和锁紧盘的平行轴减速电机
Parallel shaft helical gear unit with shouldered hollow shaft

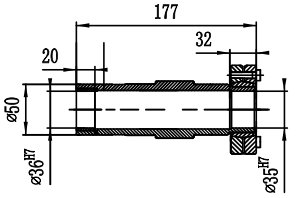
FH/FHF/FHZ37
ø30H7ø32H7



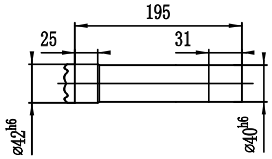


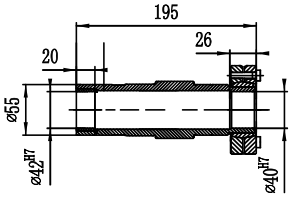
FH/FHF/FHZ47
ø35H7ø36H7



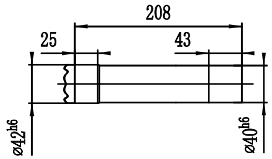


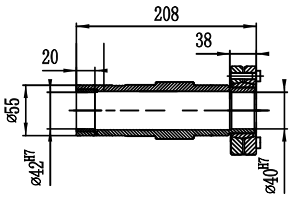
FH/FHF/FHZ57
ø40H7ø42H7



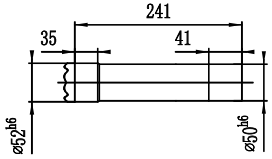


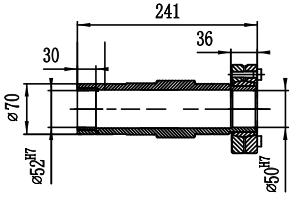
FH/FHF/FHZ67
ø40H7ø42H7



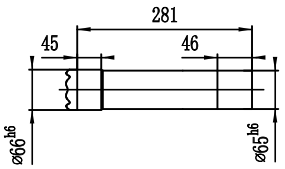


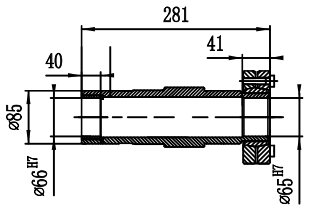
FH/FHF/FHZ77
ø50H7ø52H7



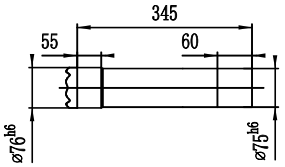


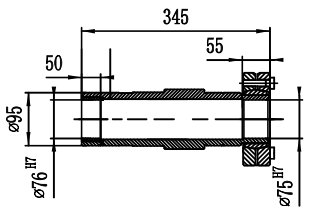
FH/FHF/FHZ87
ø65H7ø66H7



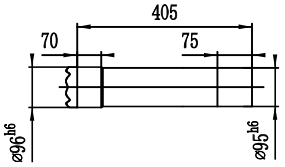


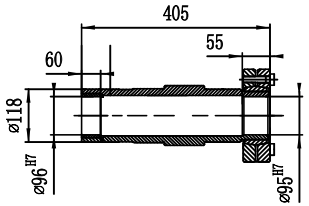
FH/FHF/FHZ97
ø75H7ø76H7



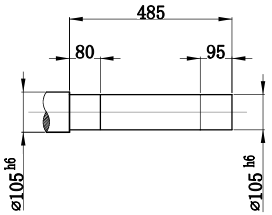


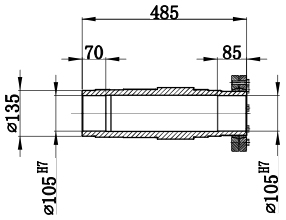
FH/FHF/FHZ107
ø95H7ø96H7



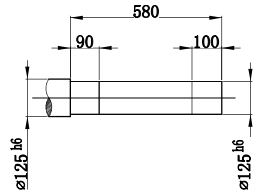


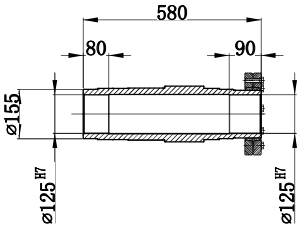
FH/FHF/FHZ127



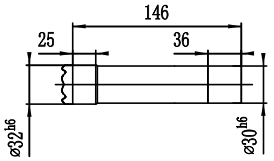


FH/FHF/FHZ157

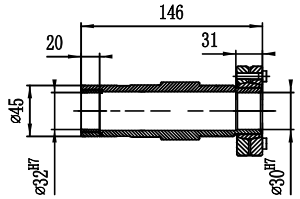


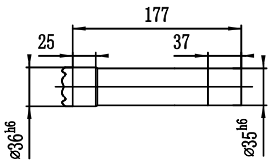


带轴阶空心轴和锁紧盘的斜齿轮—锥齿轮减速电机
Helical-bevel gear unit with shouldered hollow shaft and shrink disk

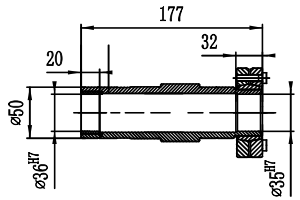


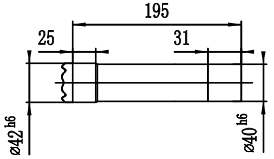
KH/KHF/KHZ37
ø30H7ø32H7



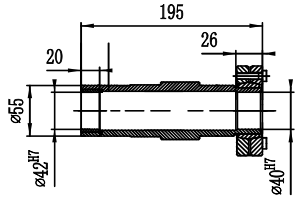


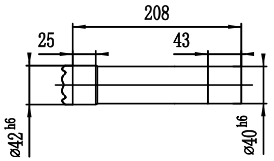
KH/KHF/KHZ47
ø35H7ø36H7



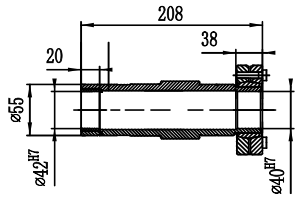


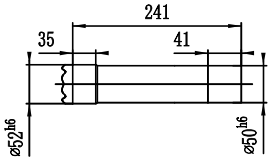
KH/KHF/KHZ57
ø40H7ø42H7



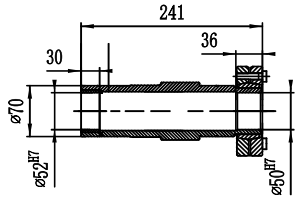


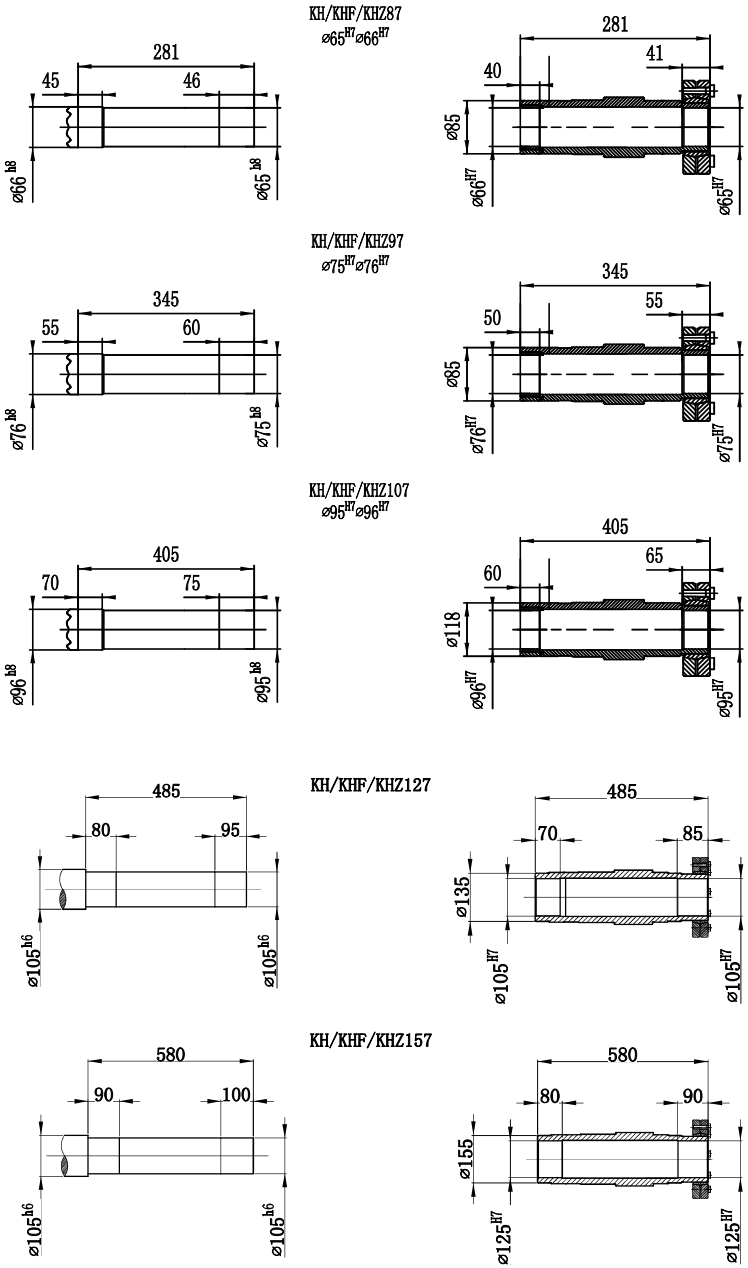
KH/KHF/KHZ67
ø40H7ø42H7



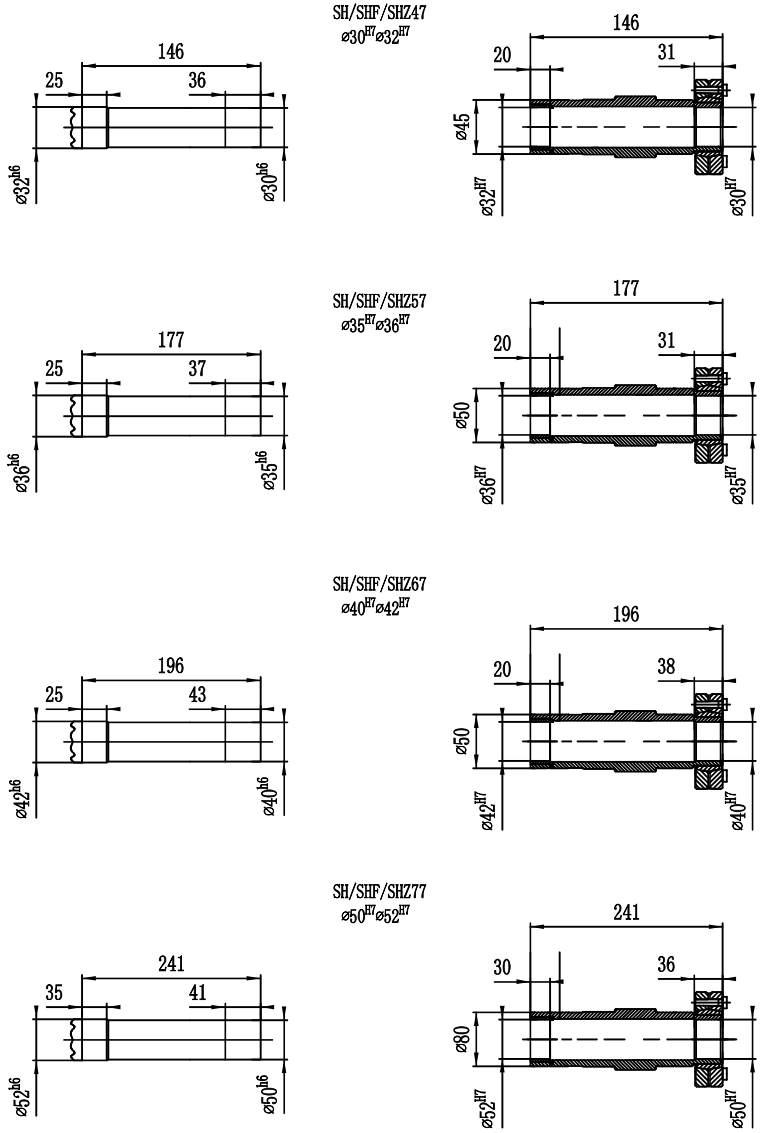


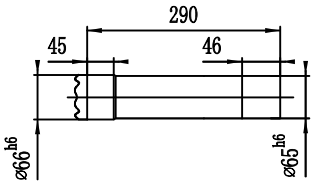
KH/KHF/KHZ77
ø50H7ø52H7



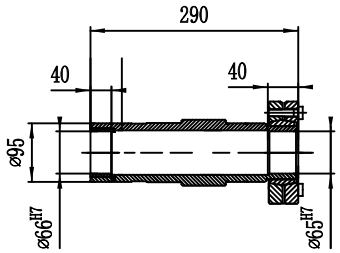


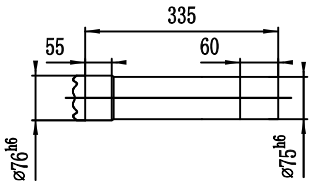
带轴阶空心轴和锁紧盘的斜齿轮—蜗杆减速电机
Helical-worm gear unit with shouldered hollow shaft and shrink disk



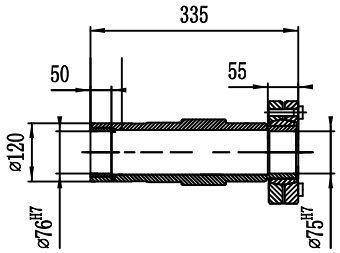


SH/SHF/SHZ87
ø65H7ø66H7

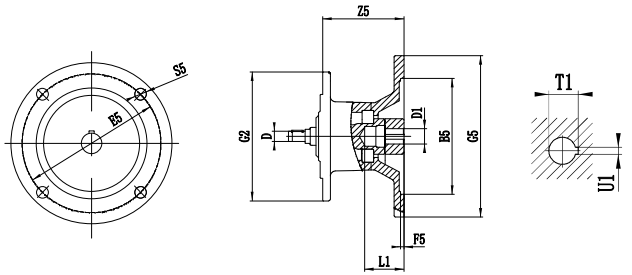




SH/SHF/SHZ97
ø75H7ø76H7



9.3 用于安装 IEC 标准电机的联轴器
9.3 Coupling for mounting of IEC motors



减速箱规格 Gear unit type	联轴器规格 Coupling type	B5	D	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
R..37 F..37,F..47 K..37 S..37,S..47,S..57	AM63	95	10	115	3.5	120	140	M8	72	11	23	12.8	4
	AM71[1)]	110		130			160			14	30	16.3	5
	AM80[1)]	130	12	165	4.5		200	M10	106	19	40	21.8	6
	AM90[1)]		14							24	50	27.3	8
R..47,R..57,R..6 F..57,F..67 K..47,K..57,K..67 S..67	AM63	95	10	115	3.5	160	140	M8	66	11	23	12.8	4
	AM71	110		130			160			14	30	16.3	5
	AM80	130	12	165	4.5		200	M10	99	19	40	21.8	6
	AM90		14							24	50	27.3	8
	AM110[1)]	180	16	215	5		250	M12	134	28	60	31.3	8
	AM112[1)]		18										
R..77 F..77 K..77 S..77	AM63	95	10	115	3.5	200	140	M8	60	11	23	12.8	4
	AM71	110		130			160			14	30	16.3	5
	AM80	130	12	165	4.5		200	M10	92	19	40	21.8	6
	AM90		14							24	50	27.3	8
	AM100[1)]	180	16	215	5		250	M12	126	28	60	31.3	8
	AM112[1)]		18										
	AM132S[1)]	230	22	265			300		179	38	80	41.3	10
	AM132M[1)]												
	AM132ML[1)]		28										
R..87 F..87 K..87 S..87	AM80	130	12	165	4.5	250	200	M10	87	19	40	21.8	6
	AM90		14							24	50	27.3	8
	AM100	180	16	215	5		250	M12	121	28	60	31.3	8
	AM112		18										
	AM132S	230	22	265			300		174	38	80	41.3	10
	AM132M												
	AM132ML		28										
	AM160[1)]	250	28	300	6		350	M16	232	42	110	45.3	12
	AM180[1)]		32							48		51.8	14

设计和装配注意事项/Important Notes Of Design And Mounting

Fig. 1

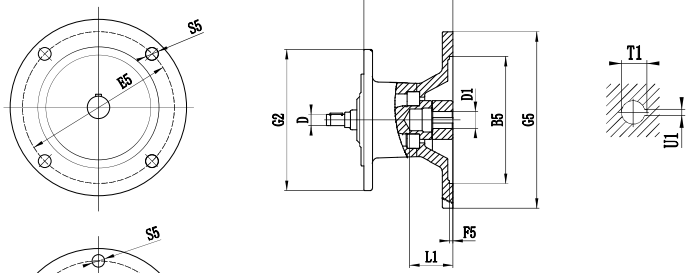
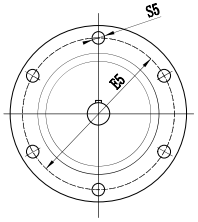


Fig. 2



减速箱规格 Gear unit type	联轴器规格 Coupling type	Fig.	B5	D	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
R..97 F..97 K..97 S..97	AM100	1	180	16	215	5	300	250	M12	116	28	60	31.3	8
	AM112			18										
	AM132S AM132M		230	22	265			300		169	38	80	41.3	10
	AM132ML			28										
	AM160		250	28	300	6		350	M16	227	42	110	45.3	12
	AM180			32							48		51.8	14
	Am200		300	38	350	7		400		268	55		59.3	16
	Am225	2	350	38	400			450		283	60	140	64.4	18
R..107 F..107 K..107	AM100	1	180	16	215	5	350	250	M12	110	28	60	31.3	8
	AM112			18										
	AM132S AM132M		230	22	265			300		163	38	80	41.3	10
	AM132ML			28										
	AM160		250	28	300	6		350	M16	221	42	110	45.3	12
	AM180			32							48		51.8	14
	Am200		300	38	350	7		400		262	55		59.3	16
	Am225	2	350	38	400			450		277	60	140	64.4	18
R..137	AM132S AM132M	1	230	22	265	5	400	300	M12	156	38	80	41.3	10
	AM132ML			28										
	AM160		250	28	300	6		350	M16	214	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		255	55		59.3	16
	AM225	2	350	38	400			450		270	60	140	69.4	18

1）如果安装在R, K和S系列脚底安装方式的减速机上，请检查尺寸G5/2, 它可能已突出安装平面。
If it is installed on gear units with foot-mounted R, K and S series, please check the dimension of G5/2 as it may have protruded above surface.

Fig. 1

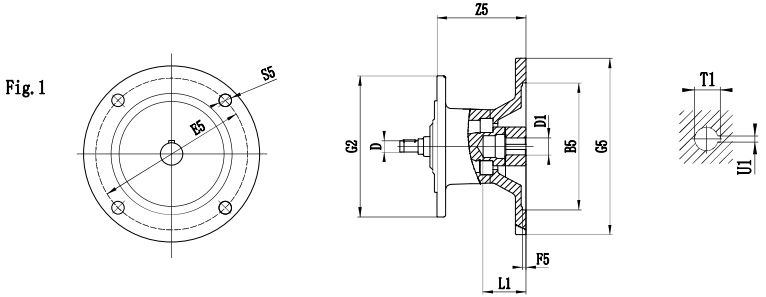
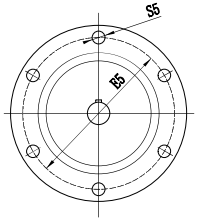


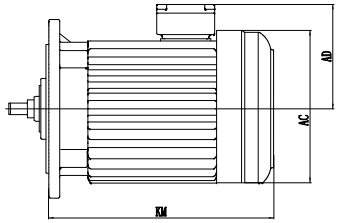
Fig. 2



减速箱规格 Gear unit type	联接盘规格 Motor adcopator	Fig.	B5	D	E5	F5	G2	G5	S5	Z5	D1	L1	T1	U1
R..147 F..127 K..127	AM132S AM132M	1	230	22	265	5	450	300	M12	148	38	80	41.3	10
	AM132ML			28										
	AM160		250	28	300	6		350	M16	206	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		247	55		59.3	16
	AM225	2	350	32	400			450		262	60	140	64.4	18
	AM250		450	48	500			550		336	65		69.4	
	AM280										75		79.9	20
R..167 F..157 K..167 K..187	AM160	1	250	28	300	6	550	350	M16	198	42	110	45.3	12
	AM180			32							48		51.8	14
	AM200		300	38	350	7		400		239	55		59.3	16
	AM225	2	350	38	400			450		254	60	140	64.4	18
	AM250		450	48	500			550		328	65		69.4	
	AM280										75		79.9	20

设计和装配注意事项/Important Notes Of Design And Mounting

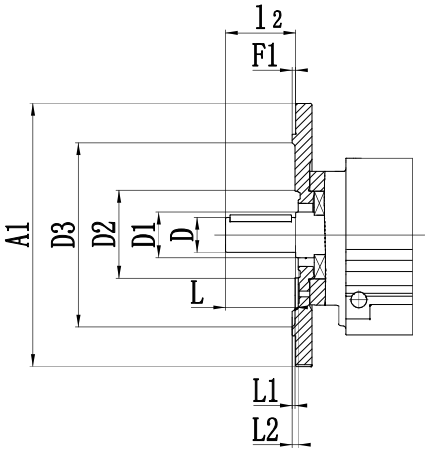
9.5 电机尺寸表
9.5 The size of motor



电机型号	外型尺寸			电机型号	外型尺寸			电机型号	外型尺寸		
	AC	AD	KM		AC	AD	KM		AC	AD	KM
WSS0.12KW-4	129	108	186.5	WSSAB0.75KW-4	169	125	292	WSSVPB4.0KW-4	219	145	483.5
WSSB0.12KW-4	129	111	222	WSSVP0.75KW-4	169	125	352	WSSVPAB4.0KW-4	219	145	483.5
WSSAB0.12KW-4	129	111	222	WSSVPB0.75KW-4	169	125	392	WSS5.5KW-4	257	188	409
WSSVP0.12KW-4	129	111	304	WSSVPAB0.75KW-4	169	125	392	WSSB5.5KW-4	257	191	477
WSSVPB0.12KW-4	129	111	334	WSS1.1KW-4	192	133	298	WSSAB5.5KW-4	257	191	477
WSSVPAB0.12KW-4	129	111	334	WSSB1.1KW-4	192	136	343.5	WSSVP5.5KW-4	257	191	477
WSS0.18KW-4	129	108	206.5	WSSAB1.1KW-4	192	136	343.5	WSSVPB5.5KW-4	257	191	522
WSSB0.18KW-4	129	111	243	WSSVP1.1KW-4	192	136	388.5	WSSVPAB5.5KW-4	257	191	522
WSSAB0.18KW-4	129	111	243	WSSVPB1.1KW-4	192	136	443.5	WSS7.5KW-4	257	188	452
WSSVP0.18KW-4	129	111	325	WSSVPAB1.1KW-4	192	136	443.5	WSSB7.5KW-4	257	191	520
WSSVPB0.18KW-4	129	111	355	WSS1.5KW-4	192	133	298	WSSAB7.5KW-4	257	191	520
WSSVPAB0.18KW-4	129	111	355	WSSB1.5KW-4	192	136	343.5	WSSVP7.5KW-4	257	191	520
WSS0.25KW-4	129	108	207	WSSAB1.5KW-4	192	136	343.5	WSSVPB7.5KW-4	257	191	565
WSSB0.25KW-4	129	111	242.5	WSSVP1.5KW-4	192	136	388.5	WSSVPAB7.5KW-4	257	191	565
WSSAB0.25KW-4	129	111	242.5	WSSVPB1.5KW-4	192	136	443.5	WSS11KW-4	318	195	508
WSSVP0.25KW-4	129	111	324.5	WSSVPAB1.5KW-4	192	136	443.5	WSSB11KW-4	318	195	608
WSSVPB0.25KW-4	129	111	354.5	WSS2.2KW-4	219	142	322.5	WSSAB11KW-4	318	195	608
WSSVPAB0.25KW-4	129	111	354.5	WSSB2.2KW-4	219	145	384.5	WSSVP11KW-4	318	195	558
WSS0.37KW-4	129	108	219.5	WSSAB2.2KW-4	219	145	384.5	WSSVPB11KW-4	318	195	643
WSSB0.37KW-4	129	111	256	WSSVP2.2KW-4	219	145	422.5	WSSVPAB11KW-4	318	195	643
WSSAB0.37KW-4	129	111	256	WSSVPB2.2KW-4	219	145	467.5	WSS15KW-4	318	195	508
WSSVP0.37KW-4	129	111	338	WSSVPAB2.2KW-4	219	145	467.5	WSSB15KW-4	318	195	608
WSSVPB0.37KW-4	129	111	368	WSS3.0KW-4	219	142	322.5	WSSAB15KW-4	318	195	608
WSSVPAB0.37KW-4	129	111	368	WSSB3.0KW-4	219	145	384.5	WSSVP15KW-4	318	195	558
WSS0.55KW-4	169	122	246.5	WSSAB3.0KW-4	219	145	384.5	WSSVPB15KW-4	318	195	643
WSSB0.55KW-4	169	125	291.5	WSSVP3.0KW-4	219	145	422.5	WSSVPAB15KW-4	318	195	643
WSSAB0.55KW-4	169	125	291.5	WSSVPB3.0KW-4	219	145	467.5	WSS18.5KW-4	380	285	564
WSSVP0.55KW-4	169	125	351.5	WSSVPAB3.0KW-4	219	145	467.5	WSSB18.5KW-4	380	285	664
WSSVPB0.55KW-4	169	125	391.5	WSS4.0KW-4	219	142	338.5	WSSAB18.5KW-4	380	285	664
WSSVPAB0.55KW-4	169	125	391.5	WSSB4.0KW-4	219	145	400.5	WSSVP18.5KW-4	380	285	614
WSS0.75KW-4	169	122	247	WSSAB4.0KW-4	219	145	400.5	WSSVPB18.5KW-4	380	285	699
WSSB0.75KW-4	169	125	292	WSSVP4.0KW-4	219	145	438.5	WSSVPAB18.5KW-4	380	285	699

注：上表中的电机尺寸为部分铁心长度电机的参考尺寸，具体尺寸根据铁心长度与联接法兰尺寸确定，因空间限制对电机尺寸有要求时请向我公司咨询。
Notice:The data in the above table is only for reference. Actual size will be determined by the length of iron and the size connecting flange. If you have any special requirements, please contact us.

9.6 RF..和R..F减速机法兰外形图
9.6 Flange contours of RF and R..F gear units



选择和安装输出零件时请注意L1和L2尺寸
Check dimensions L1 and L2 for selection and installation of output elements

规格 Type	A1	D	D1	D2		D3	F1	12	L	L1		L2
				RF	R..F					RF	R..F	
RF37	120	25	35	60	63	70	3	50	50	5	4	7
	160				–	96	3.5			1	–	7.5
	200				–	119	3.5			1	–	7.5
RF47	140	30	35	72	64	82	3	60	60	4	1	6
	160				–	96	3.5			0.5	–	6.5
	200				–	116	3.5			0.5	–	6.5
RF57	160	35	40	76	75	96	3.5	70	70	4	2.5	5
	200				–	116	3.5			0	–	5
	250				–	160	4			0.5	–	5.5
RF67	200	35	50	90	90	118	3.5	70	70	2	4	7
	250				–	160	4			1	–	7.5
RF77	250	40	52	112	100	160	4	80	80	0.5	2.5	7
	300				–	210	4			0.5	–	7
RF87	300	50	62	123	122	210	4	100	100	0	1.5	8
	350				–	226	5			1	–	9
RF97	350	60	72	136		236	5	120	120	0		9
	450					320						
RF107	350	70	82	157		232	5	140	140	0		11
	450			186		316						
RF137	450	90	108	180		316	5	170	170	0		10
	550					416						
RF147	450	110	125	210		316	5	210	210	0		10
	550					416						
RF167	550	120	145	290		416	5	210	210	1		10
	650					517	6			2		11

9.7 减速机安装
9.7 Gear unit mounting

安装减速机和减速机时一定要使用8.8级螺栓
Always use bolts quality 8.8 for mounting gear units and geared motors

例外
Exception

当传递样本上所给定的额定扭矩时，下面几种法兰安装（RF..）和地脚/法兰安装（RF..）的斜齿轮减速电机，法兰和用户安装单元固定时一定要用10.9级的螺栓。

RF37

RF47

RF57

When the rated torque specified in the catalogue is transmitted, for the following flange-mounted(RF..) helical gear motors and foot/flange mounted helical motor, it is required to use 10.9 quality bolts for fastening the flange to the customer supplied unit:

- RF37
- RF47
- RF57

KH167..,KH187
的力矩臂

对于减速电机KH167..和KH187..作为标准配置，一般不提供扭矩臂。如果需要，请和厂方联系，我们将给出推荐的安装位置和尺寸。
As stand ard,there are no torqye arms availble for gear unit sizes KH167.. and KH187..
Please contact if you require torque arms for these gear units . We will submit the configuration of recommendations.

设计和装配注意事项/Important Notes Of Design And Mounting

9.8润滑
9.8 Lubricants

概述
Greneral information

除非特别要求，所提供的减速电机均按其减速机规格注了油。 订货时，所规定的安装位置对注油量的多少是一个决定性因素。 对于安装位置的调整必须相应地调节注油量。（ 按190页注油量表 ）.
Unless there is a special requirement, always supplies the gear unit with lubricant according to its specification. The decisive factor of oil injection quantity is the mounting position specified when ordering. The oil injection quantity must be adjusted accordingly should if the mounting position was adjusted afterwards.(Please refer to the table of lubricant injection quantity on Page 190.)

润滑油的等级和粘度类型
Lubricating oil grade and Viscosity Grade

推荐使用的润滑油见P189页润滑油表其等级和粘度指标见下表
Recommended lubricant oil refer to Page 189.The grade and conglutination index in the following.

DIN(ISO,SAE)标准润滑油 Normal lubricating	粘度指标 conglutination index	环境温度°C Ambient temperature	减速机型号 Gear unit type
Mineral oil CLp(cc)	ISOVG 220	−10−+40	R系列，F系列 K系列减速机
	ISOVG 680	0−+40	S系列减速机

特殊应用场合必须使用特殊润滑油，比如要求长使用寿命润滑油。 若需要可提供用于食品行业和生物降解润滑油。
The special lubricant oil. must be used in special situation. For example requesting use the oil with long life-span.If you want, we can afford lubricant for biological degradation industry and food industry.

DIN(ISO,SAE)标准润滑油 Normal lubricating	粘度指标 conglutination index	环境温度°C Ambient temperature	减速机型号 Gear unit type
Mineral oil CLp(cc)	ISOVG 100	−20−+25	R系列，F系列 K系列减速机
Synthetic fluid, clp pg	ISOVG 220	−25−+80	R系列，F系列 K系列减速机
Synthetic fluid, CLP HC	ISOVG 460	−30−+80	S系列减速机

耐磨轴承用润滑油
Anti-friction bearing greases

下列润滑脂用于减速机和电机的耐磨轴承润滑
The following grease applies to the reducer and the anti-friction bearing of the motor

DIN(ISO,SAE)标准润滑油 Normal lubricating	环境温度°C Ambient temperature	减速机型号 Gear unit type
矿物轴承润滑脂K32N/K2K mineral bearing lubricating K32N/K2K	−30−+60	正常型式：减速机、电机 Normal type:motor reducer
合成轴承润滑脂KHC 2R-40 synthetic bearing lubricating KHC 2R-40	−40−+80	减速机加注合成润滑脂 Reducers need to inject the synthetic lubricant
矿物轴承润滑脂K3N-30 mineral bearing lubricating K3N-30	−25−+80	特殊型式：按应用场合确定的电机 Special type: select the motor in different situation
合成轴承润滑脂K2S-50 synthetic bearing lubricating K2S-50	−45−−25	特殊型式：按应用场合确定的电机 Special type: select the motor in different situation

传动装置润滑油表
Lubricant table

Kh

减速机型号 Gear unit type		环境温度 Ambient temperature 0°C +50 +100			润滑油类型 DIN(ISO)	ISO粘度与NLGI相应	Mobil	Shell	Klüber	ARAL	BP	Tribol	TEXACO	Optimol	FUCHS
		−10	标准	+40	CLP (CC)	VG 220	Mobilgear 630	Shell Omala 220	Klüberoil GEM 1-225	Aral Degol BG220	BP Energol GR-XP220	Tribol 1100/220	Meropa 220	Optigear BM220	Renolin CLP 220
		−25		+80	CLP (PG)	VG 220	Mobil Glygoyle 30	Shell Tivela WB	Klübersynth GH 6-220	Aral Degol BS220	BP Energol SR-XP220	Tribol 800/220	Syntube CLP 220	Optiflex A 220	
		*−40		+80	CLP (HC)	VG 220	Mobil SHC 630	Shell Omala 220 HD	Klübersynth GEM 4-220	Aral Degol PAS220		Tribol 1510/200	Pinnacle EP220	Optigear Synthetic A220	Renolin Unisyn CLP 220
K F R		*−40		+40	CLP (HC)	VG 150	Mobil SHC 629		Klübersynth GEM 4-150						
		−20		+25	CLP (CC)	VG 150 VG 100	Mobilgear 629	Shell Omala 100	Klüberoil GEM 1-150	Aral Degol Bg100	BP Energol GR-XP100	Tribol 1100/100	Meropa 150	Optigear BM 100	Renolin CLP 150
		−30		+10	CLP (CC)	VG 68-46 VG 32	Mobil D.TE 15M	Shell Tellus T32	Klüberoil GEM 1-68	Aral Degol Bg46		Tribol 1100/68	Anubia EP 46	Optigear 32	Renolin B 46 HVI
		*−40		+10	CLP HC	VG 32	Mobil SHC 624		Klübersynth GEM 4-32				Cetus PAO 46		
		*−40	−20		HLP (HM)	VG 22 VG 15	Mobil D.TE 11M	Shell Tellus T15	ISOFLEX MT 30 ROT		BP Energol HLP-HM10	Tribol 1100/680	Aircraft HydrOil 15		
润滑油															
滑油		0	标准	+40	CLP (CC)	VG 680	Mobilgear 636	Shell Omala 680	Klüberoil GEM 1-680	Aral Degol Bg680	BP Energol GR-XP680	Tribol 1100/680	Meropa 680	Optigear BM 680	Renolin CLP 680
		−20		+60	CLP PG	VG 680 1）	Mobil Glygoyle HE 680		Klübersynth GH 6-680		BP Energol SR-XP680	Tribol 800/680	Syntube CLP 680		
		−30		+80	CLP HC	VG 460	Mobil SHC 634	Shell Omala 460 HD	Klübersynth GEM 4-460						
		*−40		+10	CLP HC	VG 150	Mobil SHC 629		Klübersynth GEM 4-150						
S		*−40		+10	CLP (CC)	VG 150 VG 100	Mobil D.TE 18M	Shell Omala 100	Klüberoil GEM 1-150	Aral Degol Bg100	BP Energol GR-Xp100	Tribol 1100/100	Meropa 100	Optigear BM 100	Renolin CLP 150
		−20		+10	CLP PG	VG 220 1）	Mobil Glygoyle 30		Klübersynth GH 6-220			Tribol 800/220	Syntube CLP 220	Optiflex A 220	
		*−40	0		CLP HG	VG 32	Mobil SHC 624		Klübersynth GEM 4-32				Cetus PAO 46		
		−25	+20		HCE	VG 460 4）		Shell Cassida Fluid GL 460	Klüberoil 4UH1-460	Aral Eural Bear 460				Optileb GT 460	
R/K F/S	*	−30		+40	E	VG 460 5）		Shell Cassida Fluid GL 460	Klüberbio CA2-460					Optisynt BS 460	
	−20	标准													

■=合成润滑油 Synthetic lubricant
□=矿物润滑油 Mineral lubricant

1）用PG油除齿轮蜗杆减速机请和联系
2）低粘度油脂，其他型减速机请和联系
3）食品级半流用油（食品级油）
4）生物降解油（用于农业，林业和水工业）
*低温时启动要预热

CLP PG=聚二醇类
CLP HC=低氢化合物类
E=二元酸酯合成油
HCE=碳氢化合物十二脂油
CLP =矿物油
HLP =液压油
CLP:Petrolatam oil
HLP:Hydraulic pressure oil
KBTS/Ga/Vi

1) Please contact with when the Helical-worm geared motors use PG oil.
2) Small conglutination index oil, other types of reducers. Please contact with DAIFUSI.
3) Food or beverage industry used oil.
4) biological degradation oil.
--High requirement when start-up in low temperature.

加油量
Lubricant fill quantities
斜齿轮减速器（R..）
Helical gear units (R..)

规定的注油量是参考值。精确的注油量随着减速机的级数和速比的不同而变化。注油时，最有效时检查油位塞因为它指示精确注油量。
The specified lubricant fill quantity only for ref. Actual fill quantity varies when the number of stages or the ratio changes. When filling, best way to checking is to check the oil level plug since it indicates the fill quantity most precisely.

下表按安装位置M1-M6,给出了注油量的参考值。
The following tables gives the reference lubricant fill quantity value in relation to the mounting position M1-M6.

减速器型号 Gear unit type	Referenced	注油量(升) Fill quantity(L)				
	M1 1)	M2 1)	M3	M4	M5	M6
R37	0.3/1	0.9	1	1.1	0.8	1
R47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
R57	0.8/1.7	1.9	1.7	2.1	1.7	1.7
R67	1.1/2.3	2.6/3.5	2.8	3.2	1.8	2
R77	1.2/3	3.8/4.3	3.6	4.3	2.5	3.4
R87	2.3/6	6.7/8.4	7.2	7.7	6.3	6.5
R97	4.6/9.8	11.7/14	11.7	13.4	11.3	11.7
R107	6/13.7	16.3	16.9	19.2	13.2	15.9
R137	10/25	28	29.5	31.5	25	25
R147	15.4/40	46.5	48	52	39.5	41
R167	27/70	82	78	88	66	69

减速器型号 Gear unit type	注油量(升) Fill quantity(L)					
	M1 1)	M2 1)	M3	M4	M5	M6
RF37	0.4/1	0.9	1	1.1	0.8	1
RF47	0.7/1.5	1.6	1.5	1.7	1.5	1.5
RF57	0.8/1.7	1.8	1.7	2	1.7	1.7
RF67	1.2/2.5	2.7/3.6	2.7	3.1	1.9	2.1
RF77	1.2/2.6	3.8/4.1	3.3	4.1	2.4	3
RF87	2.4/6	6.8/7.9	7.1	7.7	6.3	6.4
RF97	5.1/10.2	11.9/14	11.2	14	11.2	11.8
RF107	6.3/14.9	15.9	17	19.2	13.1	15.9
RF137	9.5/25	27	29	32.5	25	25
RF147	16.4/42	47	48	52	42	42
RF167	26/70	82	78	88	65	71

1）多级减速箱中较大的减速机须注较多的油量。
1)The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

设计和装配注意事项/Important Notes Of Design And Mounting

平行轴斜齿轮减速器（F..）
Parallel shaft helical gear units (F..)

F..,FA..,FH..,FV..B

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
F37	1	1. 2	0. 7	1.2	1	1.1
F47	1. 5	1. 8	1. 1	1.9	1.5	1.7
F57	2. 6	3. 7	2. 1	3.5	2.8	2.9
F67	2. 7	3. 8	1. 9	3.8	2.9	3.2
F77	5	7. 3	4. 3	8	6	6.3
F87	10	13. 0	7. 7	13.8	10.8	11
F97	18. 5	22. 5	12. 6	25.2	18.5	20
F107	24. 5	32	19. 5	37.5	27	27
F127	40.5	55	34	61	46.5	47
F157	69	104	63	105	86	78

FF..

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
FF37	1	1.2	0.7	1.3	1	1.1
FF47	1.6	1.9	1.1	1.9	1.5	1.7
FF57	2.8	3.8	2.1	3.7	2.9	3
FF67	2.7	3.8	1.9	3.8	2.9	3.2
FF77	5.1	7.3	4.3	8.1	6	6.3
FF87	10.3	13.2	7.8	14.1	11	11.2
FF97	19	22.5	12.6	25.5	18.9	20.5
FF107	25.5	32	19.5	38.5	27.5	28
FF127	41.5	56	34	63	46.5	49
FF157	72	105	64	106	87	79

FA..,FH..,FV..,FAF..,FHF..,FVF..,FAZ..,FHZ..,FVZ..

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
F..37	1	1.2	0.7	1.2	1	1.1
F..47	1.5	1.8	1.1	1.9	15	1.7
F..57	2.7	3.8	2.1	3.6	2.9	3
F..67	2.7	3.8	1.9	3.8	2.9	3.2
F..77	5	7.3	4.3	8	6	6.3
F..87	11	13.0	77	13.8	10.8	11
F..97	18.5	22.5	12.6	25.0	18.5	20
F..107	24.5	32	19.5	37.5	27	27
F..127	39	55	34	61	45	46.5
F..157	68	103	62	104	85	77

斜齿轮-锥齿轮减速器（K..）
Helical-bevel gear unit (K..)

K..,KA..,KH..,KV

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
K..37	0.5	1	1	1.3	1	1
K..47	0.8	1.3	1.5	2	1.6	1.6
K..57	1.2	2.3	2.5	3	2.6	2.6
K..67	1.1	2.4	2.6	3.4	2.6	2.6
K..77	2.2	4.1	4.4	5.2	4.2	4.4
K..87	3.7	8	8.7	10.4	7.8	8
K..97	7	14	15.7	20	15.7	15.5
K..107	10	21	25.5	33.5	24	24
K..127	21	41.5	44	51	40	41
K..157	31	62	65	90	58	62
K..167	35	100	100	125	85	82
K..187	60	170	170	205	130	130

KF..

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
KF37	0.5	1.1	1.1	1.5	1	1
KF47	0.8	1.3	1.7	2.2	1.6	1.6
KF57	1.3	2.3	2.7	3	2.9	2.7
KF67	1.1	2.4	2.8	3.6	2.7	2.7
KF77	2.1	4.1	4.4	6	4.5	4.5
KF87	3.7	8.2	9	11.9	8.4	8.4
KF97	7	14.7	17.3	21.5	15.7	16.5
KF107	10	22	26	35	25	25
KF127	21	41.5	46	55	41	41
KF157	31	66	69	92	62	62

KA..,KH..,KV..,KAF..,HF..,KVF..,KAZ..,KHZ..,KVZ..

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3	M4	M5	M6
K..37	0.5	1	1	1.4	1	1
K..47	0.8	1.3	1.6	2.1	1.6	1.6
K..57	1.3	2.3	2.7	3	2.9	2.7
K..67	1.1	2.4	2.7	3.6	2.6	2.4
K..77	2.1	4.1	4.6	6	4.4	4.4
K..87	3.7	8.2	8.8	11.1	8	8
K..97	7	14.7	15.7	20	15.7	15.7
K..107	10	20.5	24	32	24	24
K..127	21	41.5	43	51	40	40
K..157	31	66	67	87	62	62
K..167	35	100	100	125	85	85
K..187	60	170	170	205	130	130

斜齿轮-涡轮蜗杆减速机（S..）
Helical-worm gear units (S..)

S..

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3[1)]	M4	M5	M6
S37	0.25	0.4	0.5	0.6	0. 4	0. 4
S47	0.35	0.8	0.7	1.1	0. 8	0. 8
S57	0.5	1.2	1	1.5	1. 3	1. 3
S67	1	2.0	2.2/3.1	3.2	2. 6	2. 6
S77	1.9	4.2	3.7/5.4	6	4. 4	4. 4
S87	3.3	8.1	6.9/10.4	12	8. 4	8. 4
S97	6.8	15	13.4/18	22.5	17	17

1）多级减速箱中较大的减速机须注较多的油量。
1)The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

SF..

减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3[1)]	M4	M5	M6
SF37	0. 25	0. 4	0. 5	0. 6	0. 4	0. 4
SF47	0. 4	0. 9	0. 9	1. 2	1. 0	1. 0
SF57	0. 5	1. 2	1	1. 6	1. 4	1. 4
SF67	1	2. 2	2. 3/3	3. 2	2. 7	2. 7
SF77	1. 9	4. 1	3. 9/5. 8	6. 5	4. 9	4. 9
SF87	3. 8	8	7. 1/10. 1	12	9. 1	9. 1
SF97	7. 4	15	13. 8/18. 8	23. 6	18	18

1）多级减速箱中较大的减速机须注较多的油量。
1)The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

SA..,SH..,SAF..,SHF..,SAZ..,SHZ..

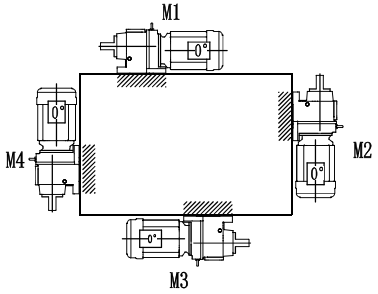
减速器型号 Gear unit type	注油量（升）Fill quantity (L)					
	M1	M2	M3[1)]	M4	M5	M6
S..37	0. 25	0. 4	0. 5	0. 6	0. 4	0. 4
S..47	0. 4	0. 8	0. 7	1. 1	0. 8	0. 8
S..57	0. 5	1. 1	1	1. 6	1. 2	1. 2
S..67	1	2	1. 8/2. 6	2. 9	2. 5	2. 5
S..77	1. 8	3. 9	3. 6/5	5. 9	4. 5	4. 5
S..87	3. 8	7. 4	6/8. 7	11. 2	8	8
S..97	7	14	11. 4/16	21	15. 7	15. 7

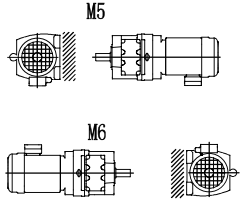
1）多级减速箱中较大的减速机须注较多的油量。
1)The bigger one of a multi-stage gear unit must be filled with the larger oil quantity.

10. 安装位置
Mounting Position

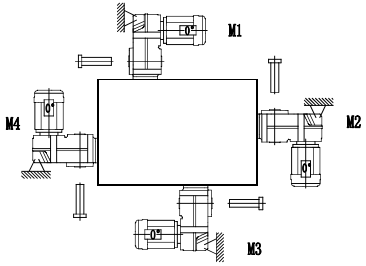
10.1 安装位置概述
10.1 Mounting Position designation

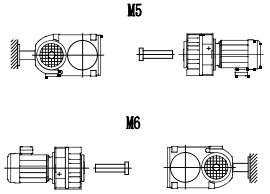
安装位置说明：减速电机有M1..M6共6种安装位置。
下面的图标说明了减速器安装位置M1..M6的空间排列。
differences between six mounting position M1-M6 for geared motors. The following pictures shows the spatial arrangement of the gear units in mounting positions M1-M6.



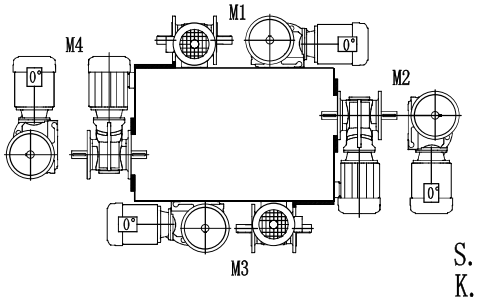


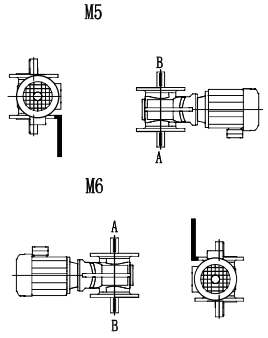
R..





F..





S..
K..

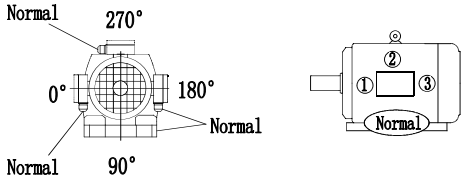
重要的订货信息
Important information for order
除了安装位置以外，下面订货资料也是必需的，以便精确描述所要求的减速电机外形。
Except the mounting position, the following informations for exactly depicting the shape of gear unit are necessary.
电机接线盒位置
电机接线上出线口位置
对直角轴减速机：输出方向
对直角轴型带收缩盘轴装式减速机：连接端带或不带法兰

Unit exactly are necessary
Position of the motor terminal box
For the right-angel shaft reducers: output shaft connection.
For the right-angrl shaft reducers: with shrink-disk:with or without flange.

安装位置/ Mounting Position

电机接线盒和出线嘴位置
Position of the motor terminal box cable entry

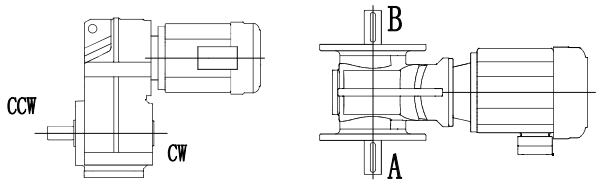
电机接线盒从电机风扇罩看(如图)，位置分别表示为0°，90°，180°或270°
出线嘴的位置也可以进行选择(如图)，分别表示为“Normal”，“1”，“2”或“3”
Possible positions of the terminal box are 0°，90°，180°or270° as see from the fan gard side
In addition, the position of the cable entry can be selected. The possibilities are “X” (=normal position),“1”,“2”or“3”



图：接线盒与出线嘴的位置
Fig:Position of the terminal box and cable entry
对于接线盒，除非给出了详细信息，否则接线盒按0°，出线嘴按“Normal”供货。
我们建议安装位置在M3时，应选择出线嘴位置为“2”。
注意：
D71..BMG接线盒位置为90°时，出线嘴位置不能标为“2”。
D71..When the BMG junction box position is 90°, the outlet nozzle position cannot be marked as "2".

减速电机的旋转方向
The rotation direction of the reducer

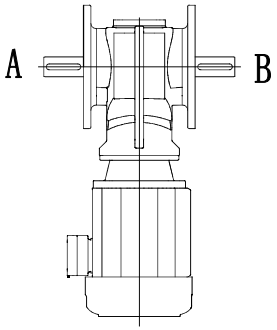
规定出减速电机转方向是很必要的。按下列标识：
从输出轴看：顺时针（CW）为向右旋转逆时针（CCW）为向左旋转
It 's necessary to specify the turning direction of reducer. Please follow the identification below:
From the output shaft: clockwise (CW) is the right rotation and counterclockwise (CCW) is the left rotation.



图：输出轴的旋转方向
Fig: Rotating direction of gear unit with a backstop
对于直角轴型式减速电机，规定出给定的旋转方向是从A端看还是从B端看的，这是非常必要的。
In righr-angle gear units, it is necessary to indicate of rotation is given where be looked from the A or B end.

输出轴的位置
Position of the output shaft

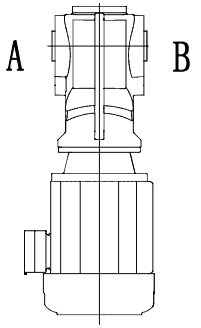
对于直角轴型减速机，规定出出轴方向是必要的：A或B，还是A+B（见图）
In right-angle gear units, it is necessary to stipulate the direction of the output shaft and output flange: A or B or A+B



图：出轴方向
Fig: Position of the Output shaft

带锁紧盘的轴装直角减速机
Shaft mounted right-angle gear units with shrink disk

对于轴装式带锁紧盘的直角轴型式减速电机，规定出A端还是B端为连接端并且连接端是否有法兰是必要的。在图中，A端是连接端，锁紧盘在连接端对面。
For the rectangular shaft type reducer with locking disc, specify the end A or the end B as the connecting end, if it's necessary with flanges. In the figure, end A is the connecting end, and the locking plate is opposite to the connecting end.



图：连接端的位置
Fig: position of the connection end

订购实例：
Sample orders

对于K167/K187来讲，安装置为M5和M6时，连接端只能是在底部连接。
Connection end at bottom only is possible with K167/K187 helical-beveal gear untils in mounting positions M5 and M6.

类型 Type	安装位置 Mounting position	连接端 Shaft with	锁紧盘位置 Position of shrink disk	法兰 Flange	接线位置 Position of terminal box	出线嘴位置 Position of cable enty	旋转方向 Ration direction	出轴方向 Output shaft direction
KF47-WSS0.37KW-4	M5	A	-	B	0°	“Normal”	CW	A
SF97-WSS18.5KW-4	M2	A+B	-	A+B	180°	“2”	-	A+B
KH107-WSS15KW-4	M1	-	B	-	270°	“3”	-	-

安装位置/ Mounting Position

所有符号的含义
Symbols used

下表列出，在安装位置上的符号及其含义
The following table shows the symbols used in the mounting position sheets and what they mean:

符号 Symbol	含义 Meaning
	通气器 Breather value
	油标 Oil level plug
	放油螺塞 Oil drain plug
	进线位置 In the plug

搅油损失
Churning losses

在某些安装位置可能增加搅油损失，在下列结构中请向厂方咨询
The churning losses may arise in some mounting positions,
please contact manufacturer in case of the following combinations.

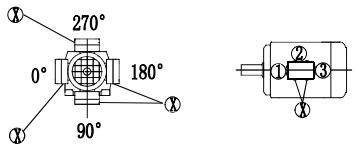
安装位置 Mounting position	减速器型号 Gear unit type	减速器规格 Gear unit size	输入速度(rpm) Input speed
M2,M4	R	97-107	>2500
		>107	>1500
M2,M3,M4,M5,M6	F	97-107	>2500
		>107	>1500
	K	77-107	>2500
		>107	>1500
	S	77-97	>2500

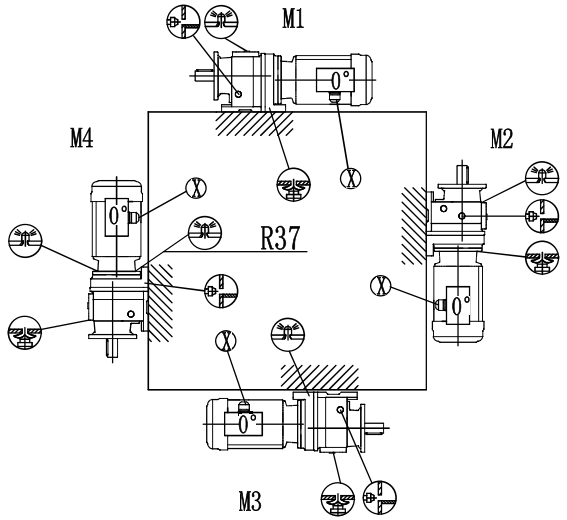
润滑油检查和维护周期
Lubricant inspection and maintance period

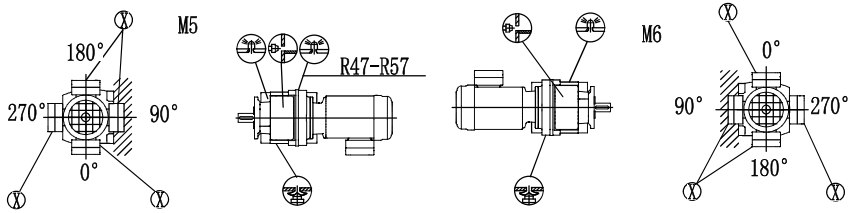
维护周期 Maintance Period	内容 Content
首次运行300小时 First running for 300 hours	箱体清洗干净后换油 Replace the lubricant after clean the box body
每六个月或工作3000小时 Check once a month or every 3000 working hours	检查油 Check the lubricant
取决于运行条件，检查周期不得长于3年 Depending on operating condition, lubricant inspecting period should not longer than 3 years	更换矿物油 Change to mineral lubricant
	更换耐磨轴承润滑油 Change lubricant for anti-friction bearing

10.2 斜齿轮减速电机安装位置
10.2 Mounting position of Helical gear unit

R37-R167



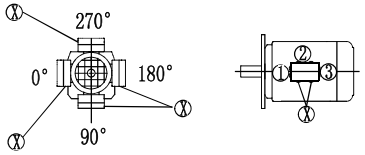


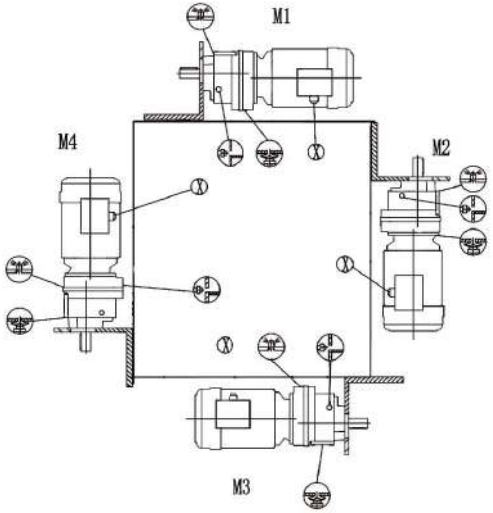


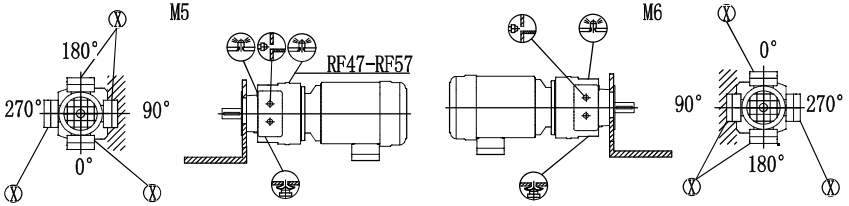
R47, R57 M5

安装位置/ Mounting Position

RF37-RF167



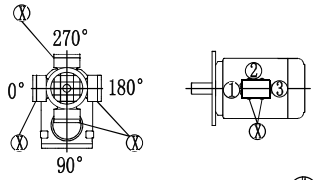


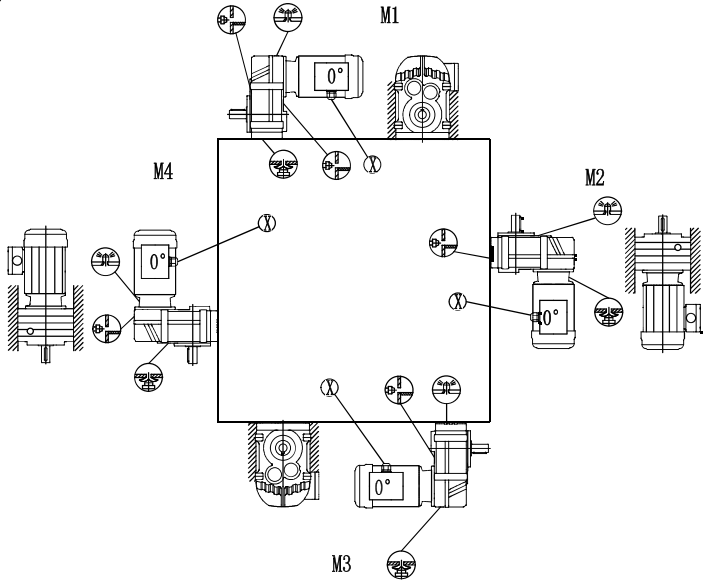


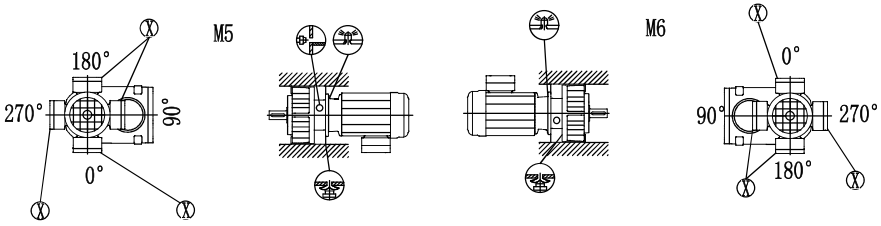
RF47, RF57 ⊗ M5

10.3 平行轴斜齿轮减速电机安装位置
10.3 Mounting position of parallel shaft helical Gear unit

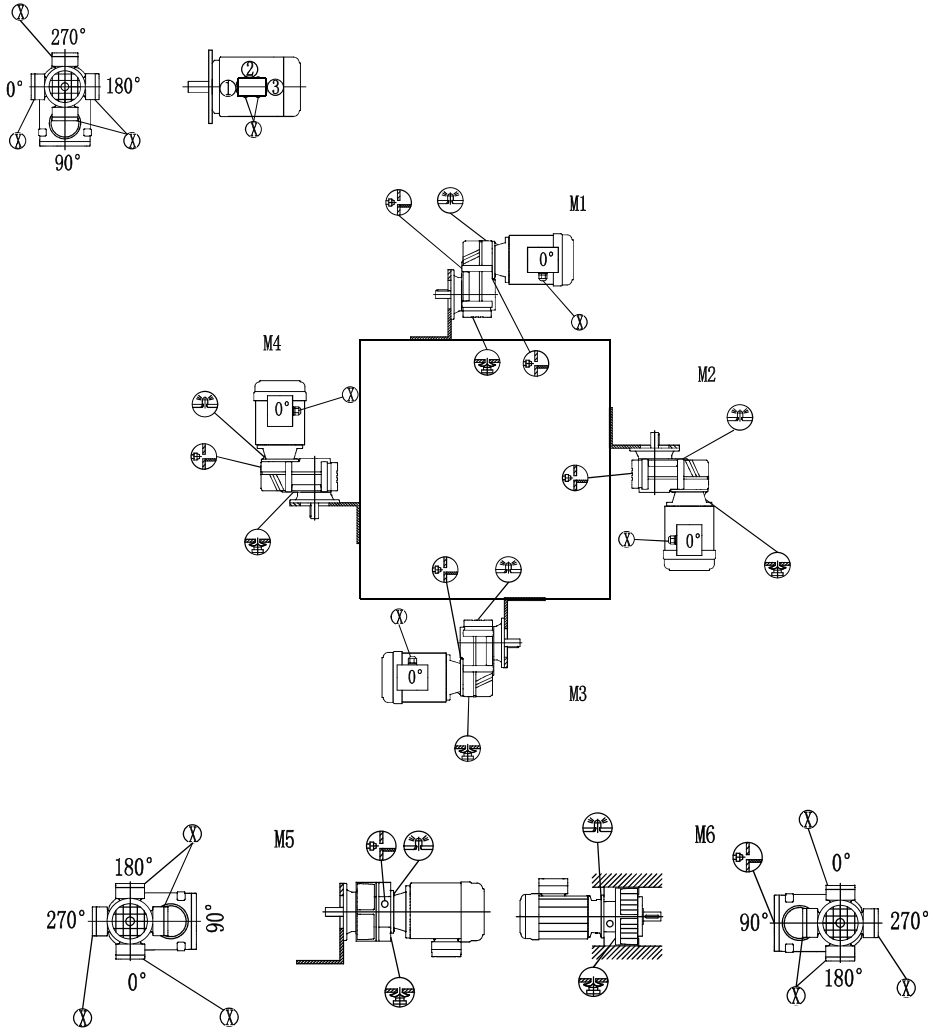
F/FA..B/FH37B-157B,FV37B-157B





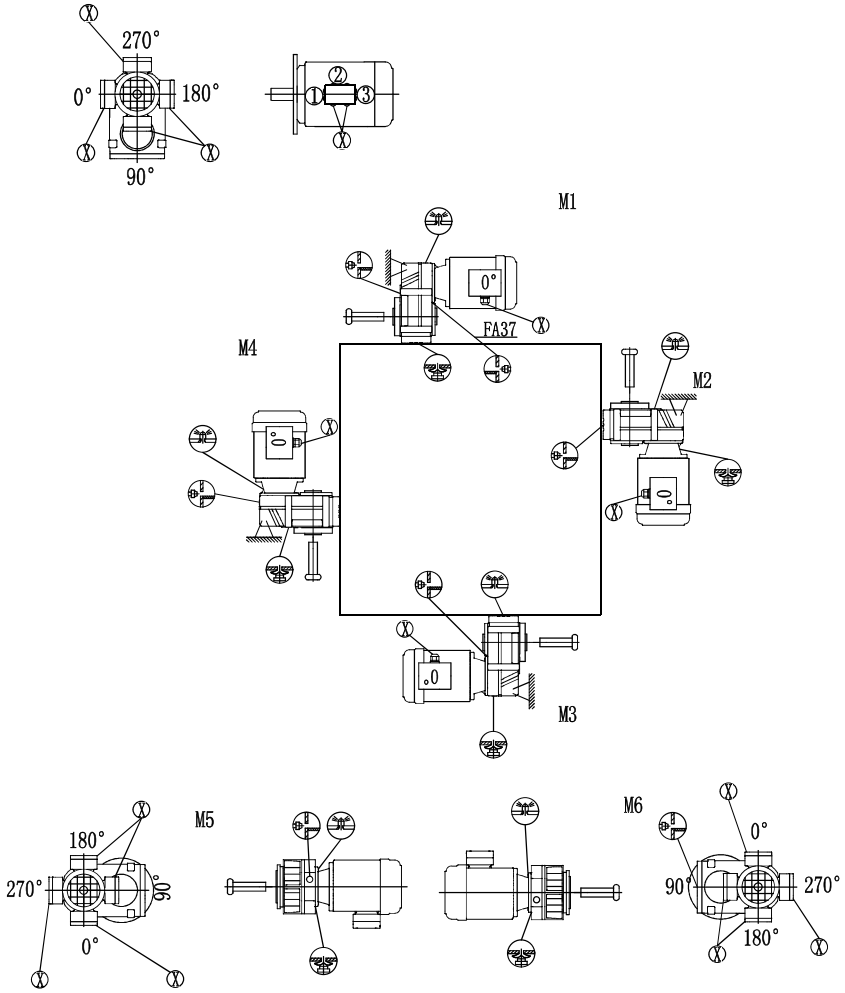


FF/FAF/FHF/FAZ/FHZ37-157,FVF/FVZ37-107



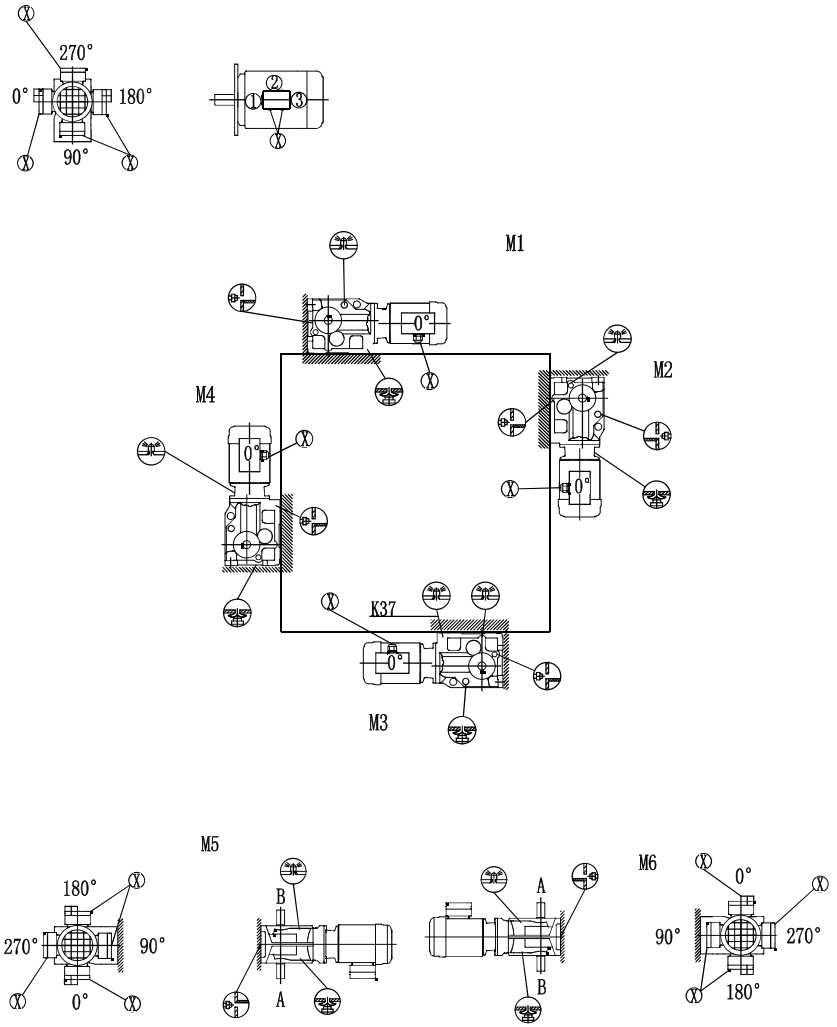
安装位置/ Mounting Position

FA/FH37-157,FV37-107



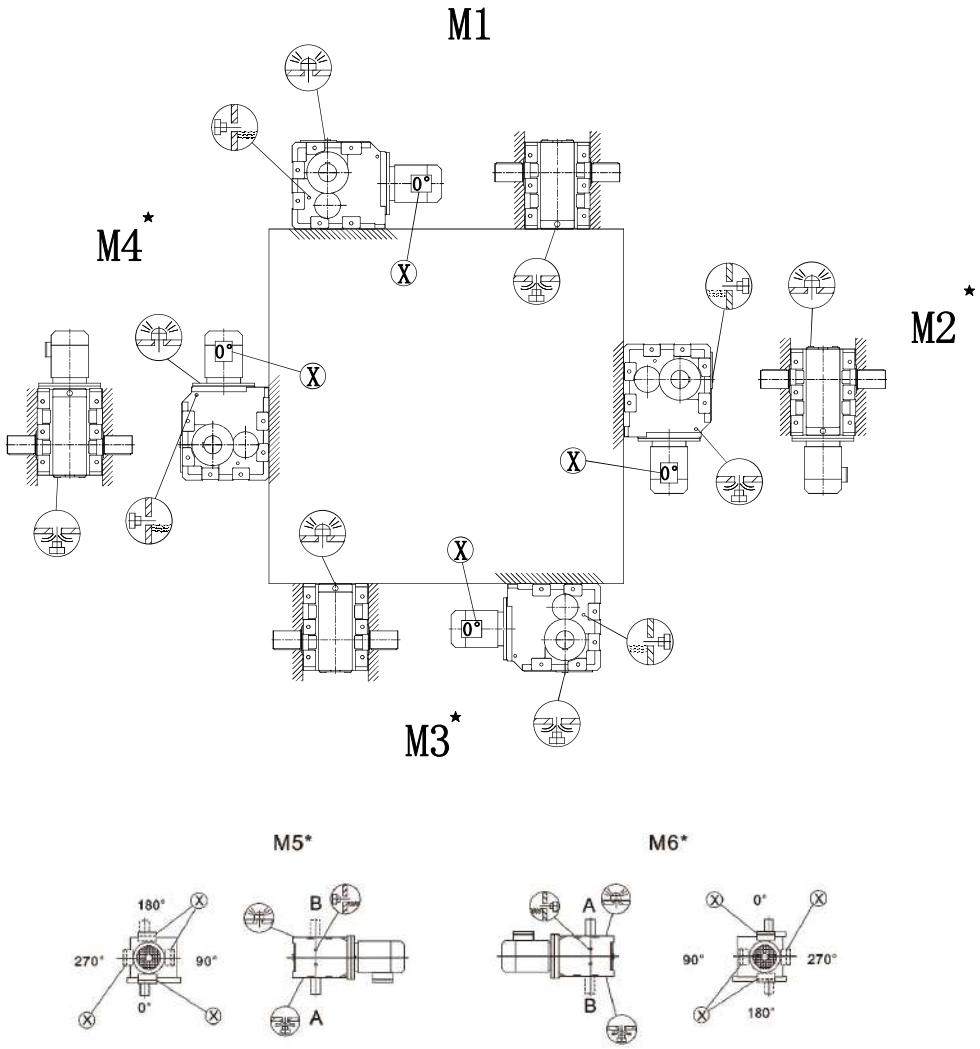
10.4 斜齿轮-伞齿轮减速电机安装位置
Mounting position of helical0bevel Gear unit

K/KA..B/KH37B-157B,KV37B-107B



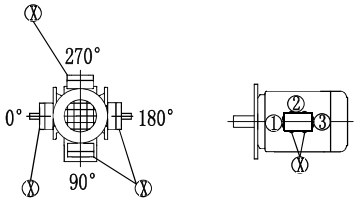
重要：请参见“减速器选型”中“径向和轴向负载”部分（P21）
Important: Please refer to the information in the “Geared Motors” catalog. Optional Planning for gear units Ouerhung and axial loads part (P21)

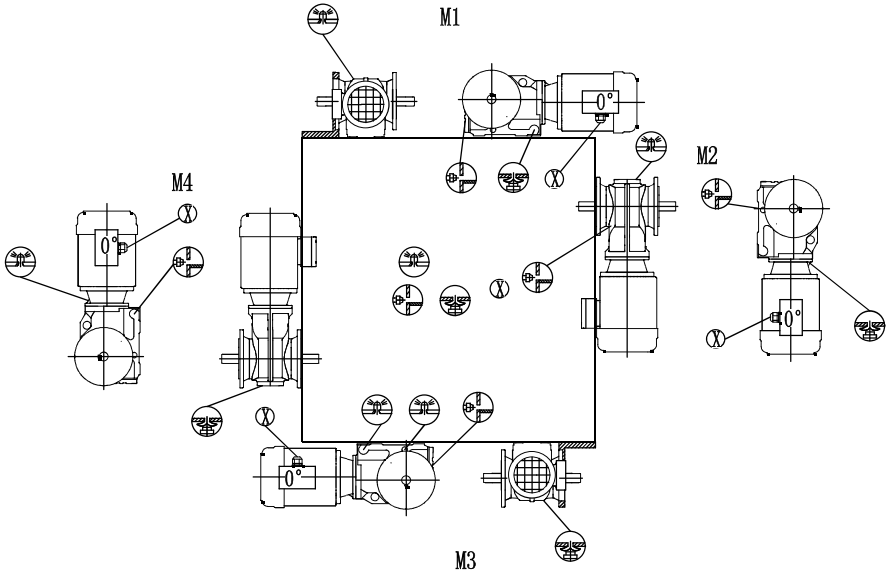
K167-187,KH167B-187B

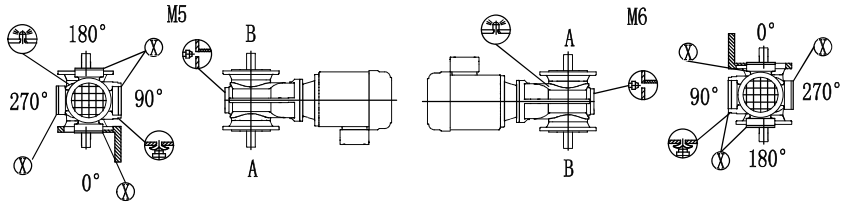


重要：请参见“减速器选型”中“径向和轴向负载”部分（P21）
Important: Please refer to the information in the “Geared Motors” catalog. Optional Planning for gear units Ouerhung and axial loads part (P21)

KF/KAF/KAZ/KHZ37-157,KVF/KVZ37-107

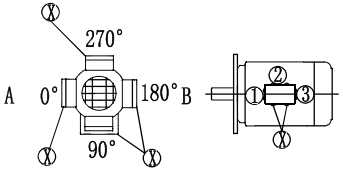


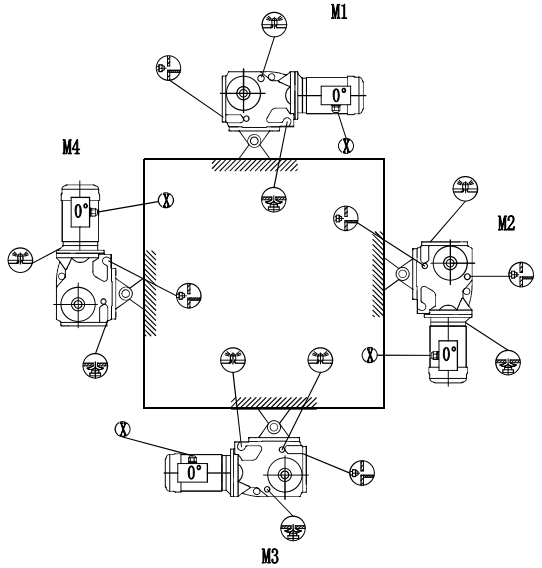


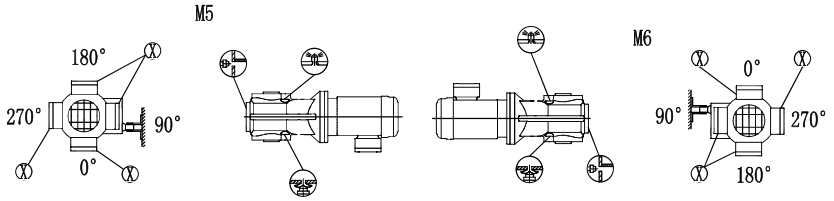


安装位置/ Mounting Position

KH/KH37-157,KV37-107

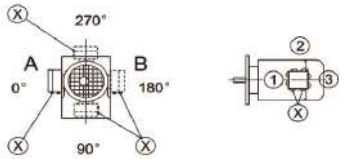


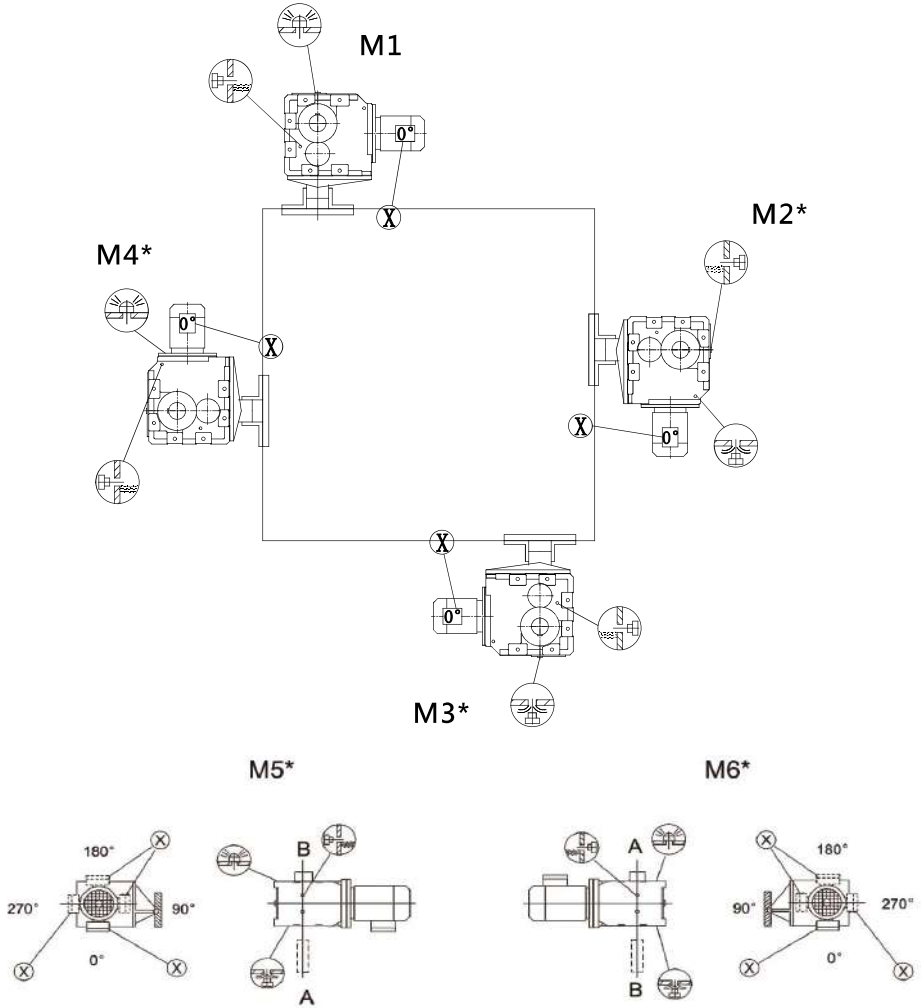




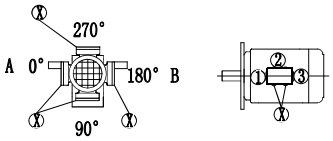
安装位置/ Mounting Position

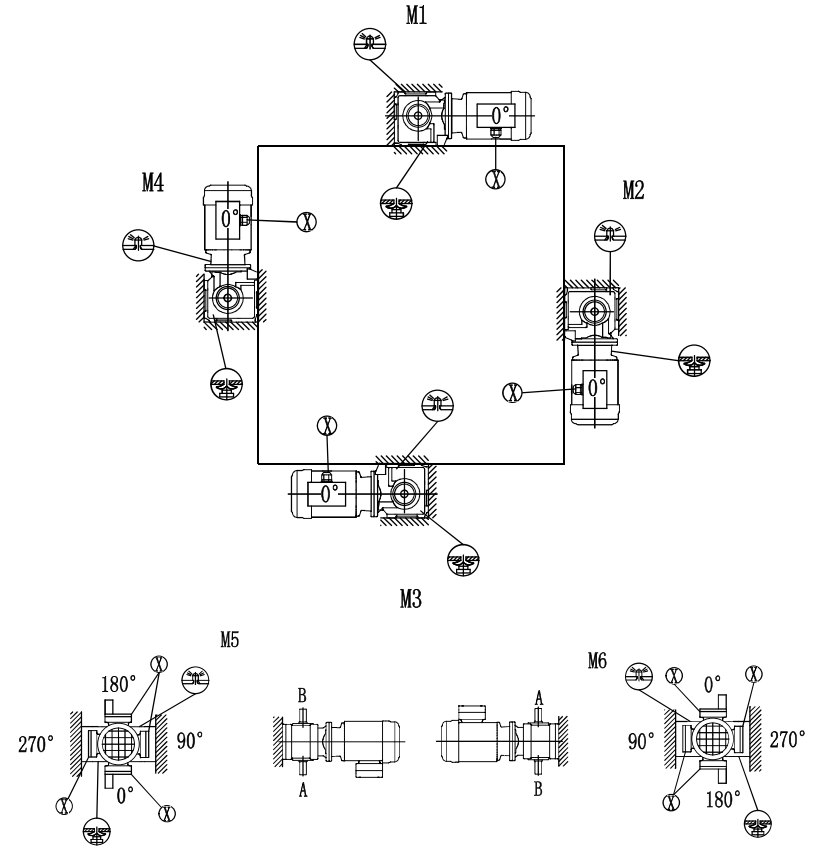
KH167-187





10.5 斜齿轮-蜗杆减速电机安装位置
10.5 Mounting position of Helical-worm Gear motor
S37

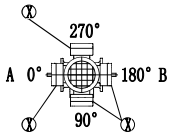


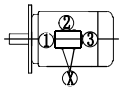


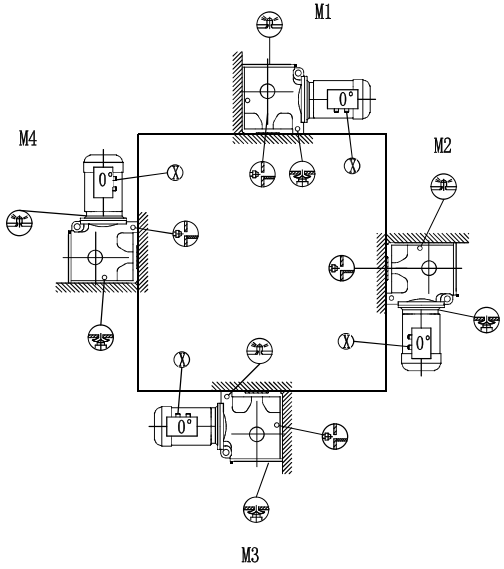
重要：请参见“减速器选型”中“径向和轴向负载”部分（P21）
Important: Please refer to the information in the “Geared Motors” catalog. Optional Planning for gear units Ouerhung and axial loads part (P21)

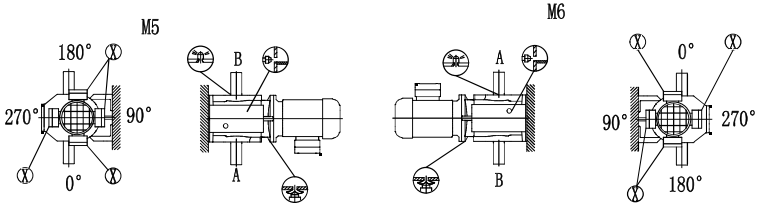
安装位置/ Mounting Position

S47-S97



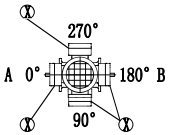


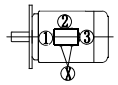


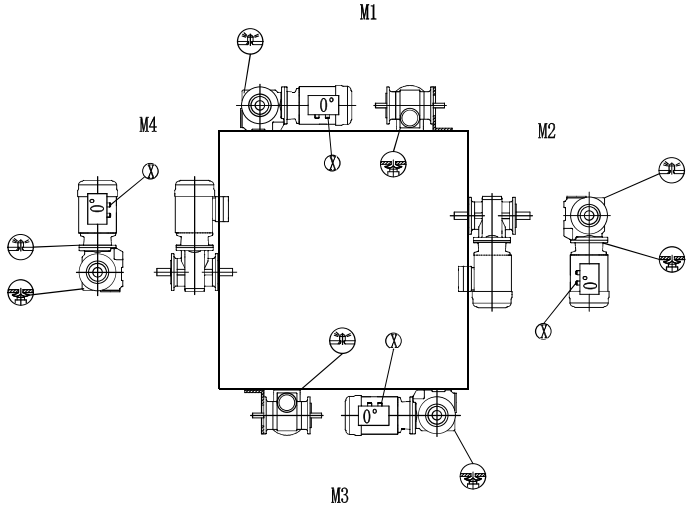


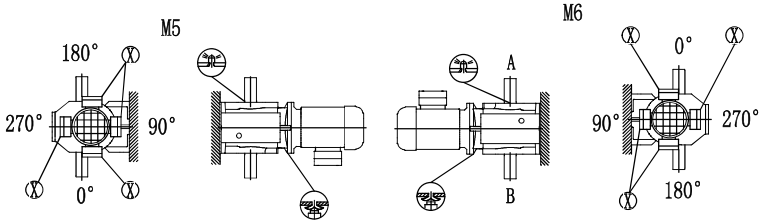
重要：请参见“减速器选型”中“径向和轴向负载”部分（P21）
Important: Please refer to the information in the “Geared Motors” catalog. Optional Planning for gear units Ouerhung and axial loads part (P21)

SF/SAF/SHF37



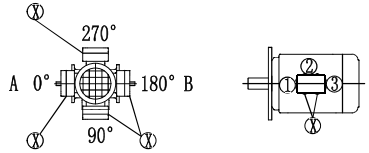


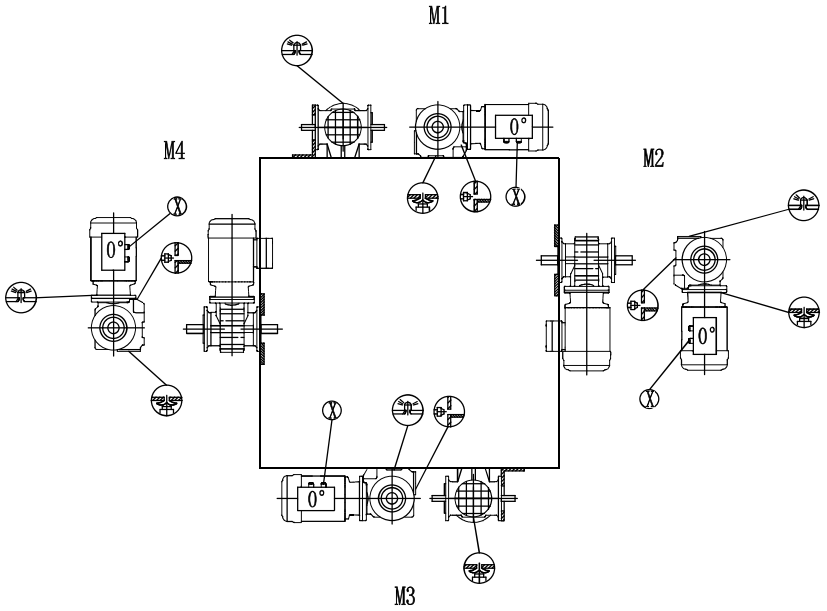


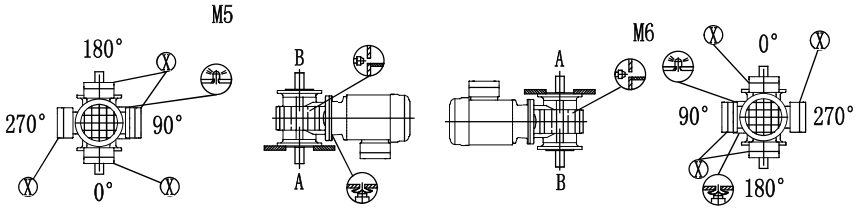


安装位置/ Mounting Position

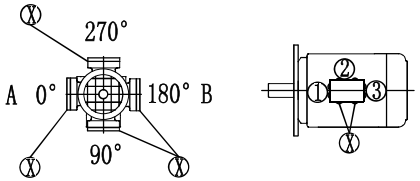
SF/SAF/SHF/SAZ/SHZ47..-97..

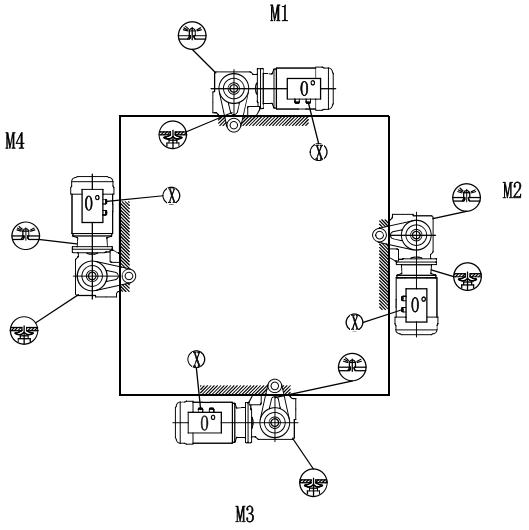


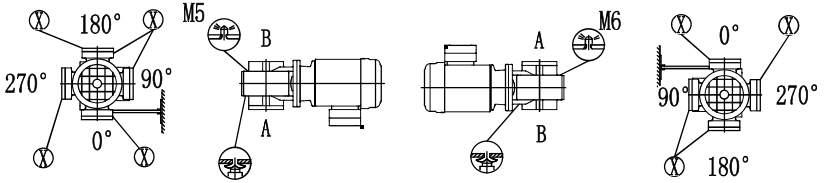




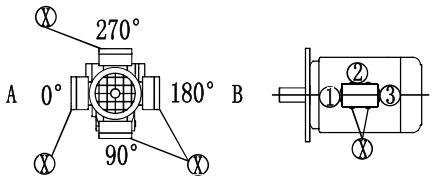
SA/SH37

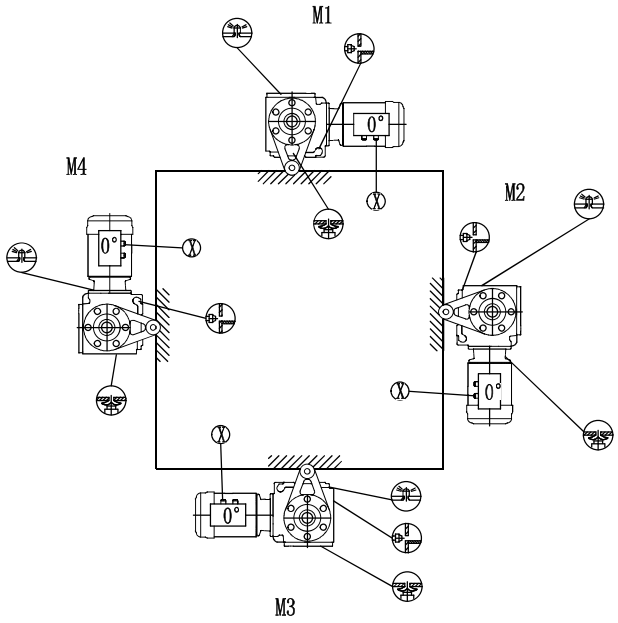


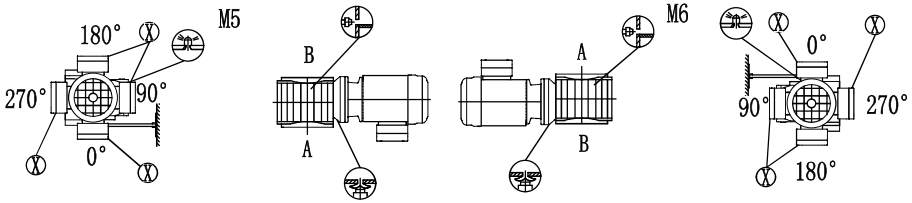




SA/SH47..-97..







11. 尺寸信息
Information on dimension sheets

范围的分类
Scope classification

=作为标准部件提供
Standard parts supplied by

=不作为标准部件提供
Standard parts unsupplied by

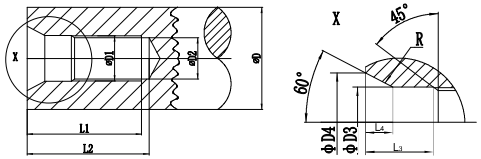
中心高公差
Shaft heights tolerances

h ≤250mm→-0.5mm
h >250mm→-1mm

地脚安装减速机：当配有电机时，电机可能已凸出到安装平面以下请注意检查。
Foot-mounted gear unit: The motor may protrude above the mounting surface when fitting, please check.

轴公差
Shaft tolerance

直径公差 Diameter tolerance
ϕ ≤50mm →ISOk6
ϕ >50mm →ISOm6
按照DIN332标准有DR型中心孔：
Center holes in accordance with DIN332.shape DR



输出轴直径ϕD Diameter or Output shaft	D1	D2	D3	D4	R	L1 +2	L2 min	L3	L4 ≈
ϕD=7-10mm	M3	2.5	3.2	5.3	4.0	9.0	12.0	2.6	1.8
ϕD>10-13mm	M4	3.3	4.3	6.7	5.0	10.0	14.0	3.2	2.1
ϕD>13-16mm	M5	4.2	5.3	8.1	6.3	12.5	17.0	4.0	2.4
ϕD>16-21mm	M6	5.0	6.4	9.6	8.0	16.0	21.0	5.0	2.8
ϕD>21-24mm	M8	6.8	8.4	12.2	10.0	19.0	25.0	6.0	3.3
ϕD>24-30mm	M10	8.5	10.5	14.9	16.0	22.0	30.0	7.5	3.8
ϕD>30-38mm	M12	10.2	13.0	18.1	20.0	28.0	37.0	9.5	4.4
ϕD>38-50mm	M16	14.0	17.0	23.0	25.0	36.0	45.0	12.0	5.2
ϕD>50-85mm	M20	17.5	21.0	28.4	31.5	42.0	53.0	15.0	6.4
ϕD>85-130mm	M24	21.0	25.0	34.2	40.0	50.0	63.0	18.0	8.0
ϕD>130mm	M30	26.5	31.0	42.6	50.0	63.0	85.0	20.0	10.0

空心轴
Hollow shaft

键：根据DIN6885确定（圆头平键）
keys: In accordance with DIN6885(domed type)
直径公差
Diameter tolerance

ϕ →ISOH7塞规测量
ISOH7 measured with plug gauge

法兰 Flange

止口公差 Rabbet tolerance

ϕ ≤230mm(flange size A120-A300)→ISOj6
ϕ >230mm(flange size A350-A660)→ISOh6

对于每个规格的斜齿轮减速机\交流(制动)电机和防爆(制动)电机最多可提供三种不同尺寸的法兰,每种法兰的尺寸见相关尺寸表。
Up to three different flange dimensions are available for each size of helical gear units AC (brake)motor and explosion-proof AC(brake)motor. The possible flanges per size are indicted in the relevant dimension sheets.

起吊螺栓及吊耳 Lifting eyebolts, suspension eye lugs

电机机座号小于100的减速电机没有配备专门的运输吊装工具、其它的减速机和电机配有铸造的吊装孔,用螺栓固定在机体上的吊耳或吊环。
Motors up to DV 100 and Spiroplan geared motors are delivered without specialreansport fixtures. Otherwise, the gear units and motors are equipped with cast-on suspension eye lugs,screw-on suspension eye lugs or sceew-on lifting eyebolts

减速机/电机型规格 Gear unit/motor type	吊环/吊耳 Screw-on litting eyebolts /suspension eye lugs	铸造吊装孔 Cast-on suspension eye lugs
R/RF37-57	•	–
≥R67	•	–
F37-107	–	•
K37-107	–	•
S37-47	•	–
S57-97	–	•
≥DV112	•	–

通气阀 Breather valves

减速机尺寸图总是显示为螺塞,相应的螺塞在出厂前按照其定货要求的安装位置更换为通气阀。这意味着减速机的外形尺寸图稍有不同。
The gear unit dimension drawings are always shown with screw plugs. The corresponding sc -rew plug is replaced by an breather valve at the factory depending on with mounti-ngposition M1-M6 is ordered. This means the contour dimensions may be slightly different.

锁紧盘连接 Shrink disk connection

对于锁紧盘连接的空心轴减速机:若需要可向厂方索要关于锁紧盘的详细数据表。
Hollow shaft gear unit with shrink disk connection: If required please request a detailed data sheet on shrink disks form, data sheet no.33 753..95.

制动电机 Brake motors

配制动电机时,KB代K
When automatic motor, KB for K

电机附件 Motor accessory

电机的尺寸因不同的电机附件而不同,请参考电机选择的尺寸图。
The motor dimensions may different as a result of motor accessory Please refer to the dimensions of the more accseeory.

特殊应用 Special applications

接线盒的尺寸,在特殊应用如KS或CSA时与标准形式的尺寸不同。
The dimensions of the terminal box on special applications such as KS or CSA may different form the standard dimensions.