



TUNYO

KR系列斜齒輪減速電機

KF系列平行軸-斜齒輪減速電機

KH系列斜齒軸-傘齒輪減速電機

KS系列斜齒軸-蝸輪減速電機

東洋K系列斜齒輪減速電機選型手冊
TUNYO K Series Helical Gear Motor Hand Book

TUNYO INTELLIGENT DEVICE CO.,LTD

TUNYO
The Power Of Dream

品質成就領先
技術服務社會

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* Our company's products always develop in time, if there are some changes about size, we will not inform you again. So please contact us.

K系列斜齒輪減速電機 K Series Helical Gear Motor

東洋K系列電機分類 TUNYO K series motor classification



KR系列斜齒輪減速電機



KF系列平行軸-斜齒輪減速電機



KH系列斜齒輪-傘齒減速電機



KS系列斜齒輪-蝸輪減速電機

產品說明 Product Description

1.1 性能特点

1. 采用了系列化、模块化的设计，传动比覆盖范围广、分级精细；
2. 传动效率高，耗能低、性能优越；
3. 齿轮经高精度磨齿机磨削加工，传动平稳、噪音低，承载能力大、寿命长；
4. 设计精巧：体积小，安装简便，用途广泛；
5. 安装方式多样，适合全方位的万能安装配置；
6. 可实现KR、KF、KH、KS系列与KRF系列双联体组合，适用于特殊低速的应用。

1.2 主要材料

1. 箱体：HT250高强度铸铁。射型内腔，有效减少零件磨损；
2. 齿轮：20CrMo优质合金钢，碳氮共渗处理（精磨后保持齿面硬度HRC60）；
3. 平键：45钢，表面硬度HRC50。

1.3 减速器效率

1. 由于采用了高精度齿轮、油封、轴承，有效降低了摩擦，齿轮传动的级间效率可达97%；
2. 在某些安装方式时，输入级齿轮完全浸在润滑油中，对于大机座号和高输入转速的情况，须考虑搅油损失。

1.4 使用条件

1. 环境温度-40 ~ 50 ℃（0℃以下启动时润滑油需加热到0℃以上或采用防冻润滑油）；
2. 输入转速不大于2800转/分；
3. 可用于正反转；
4. 无行业限制。

1.1 Performance Characteristics

1. Systematic and modular design; Transmission ratio with fine stage covers a wide range.
2. High efficiency; Low energy consumption; Superior performance.
3. High Precision gear with teeth grinding; Stable transmission; Low noise; Strong bearing capacity; Long Service life.
4. Deft design: Small volume; Simple Installation; Wide usage.
5. Suitable for all kinds of mounting positions
6. KR..., KF..., KH..., KS... and KRF... conjoined combination for special low speed.

1.2 Material

1. Housing: High strength cast iron HT250, die casting lumen, reduce the abrasion of parts.
2. Gears: 20CrMo, Carbonitriding, Teeth hardness: HRC 60 after grinding.
3. Flat keys: C45, Surface hardness: HRC 50.

1.3 Gear Unit Efficiency

1. High precision gear; seals; bearings; Effectively reduces friction; Stage efficiency of gear drive reaches 97%.
2. For some ways of mounting, the input gear is completely immersed in the lubricant, please consider the churning loss when it comes to big frame size and high input speed.

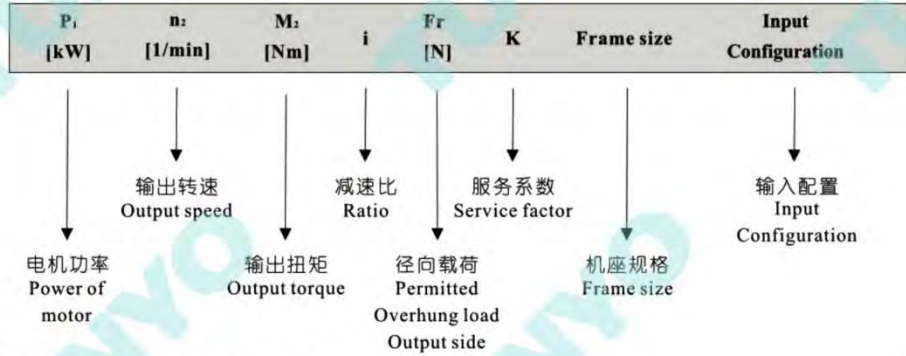
1.4 Working Conditions

1. Ambient temperature -40 ~ 50℃ (if lower than 0℃, need to heat the lubrication higher than 0℃ or use anti freezing lubricant).
2. Input rotation speed $\leq$ 2800r/min.
3. Both Rotation Direction.
4. No industry limit.

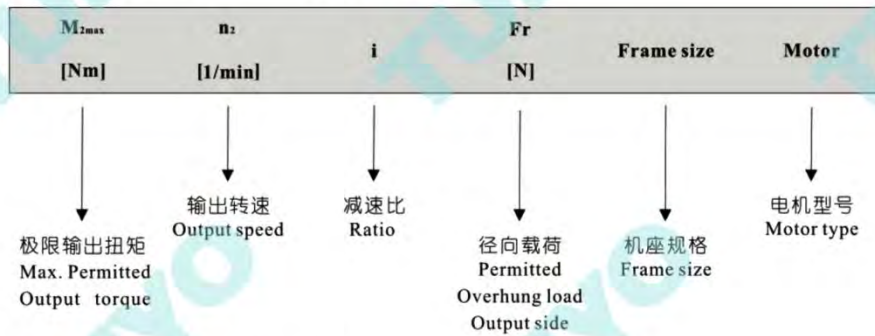
K系列斜齒輪減速電機 K Series Helical Gear Motor

1.5 选型表注释 / Selection Table Explanation

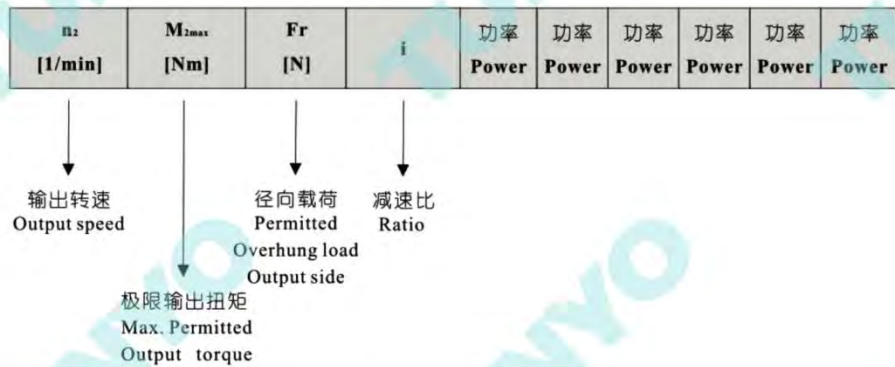
性能参数表结构说明 / Performance Parameter Table Structure



性能参数表结构说明 / Performance Parameter Table Structure



功率配置表结构说明 / Power Combination



K系列斜齒輪減速電機 K Series Helical Gear Motor

1. 6. 潤滑油 / Lubrication

1. 6. 1 潤滑油類型 / Types of Lubrication

	環境溫度(℃) Ambient Temperature(℃)	ISO粘度 ISO Viscosity Class	 SHELL	 Mobil MOBIL	 bp BP	潤滑油類型 Lubrication Type
KR KF KH KS	-40 ~ +10	VG 220	Shell Omala 200	Mobilgear 630	BP Energol GR-XP 220	礦物油 Mineral Oil
	-20 ~ +25	VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR-XP 100	
	-30 ~ +10	VG68-46 VG 32	Shell Tellus 32	Mobil D.T.E 13M		
	-40 ~ -20	VG 22 VG 15	Shell Tellus 32	Mobil D.T.E 11M	BP Energol HLP-HM 15	
	-40 ~ +80	VG 220	Shell Tellus 32	Mobil SHC 630		合成油 Synthetic Oil
	-40 ~ +10	VG 32		Mobil SHC 624		

1. 6. 2 潤滑油量表

規定的加注量為參考值。精確值的變化與級數和傳動比有關。請您在加注潤滑油時一定要注意油位螺栓所指示的精確油量。後期調整安裝方式時，您必須根據改變後的安裝方式相應調整加注潤滑劑。下表中列出了安裝方式M1-M6的減速器相應的標準參考潤滑油注入量值。

1. 6. 2 Lubricant Fill Quantity

The specified fill quantities are recommended values. The precise value varies depending on the number of stages and gear ratio. When filling, it is essential to check the oil level plug since it indicates the precise oil capacity. The following tables show guide values For lubricant fill quantities in relation to the mounting position M1 -M6.

KRX..

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KRX57	0.60	0.80	1.30	1.30	0.90	0.90
KRX67	0.80	0.80	1.70	1.90	1.10	1.10
KRX77	1.10	1.50	2.60	2.70	1.60	1.60
KRX87	1.70	2.50	4.80	4.80	2.90	2.90
KRX97	2.10	3.40	7.40	7.00	4.80	4.80
KRX107	3.90	5.60	11.6	11.9	7.70	7.70

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KRXF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KRXF57	0.50	0.80	1.10	1.10	0.70	0.70
KRXF67	0.70	0.80	1.50	1.40	1.00	1.00
KRXF77	0.90	1.30	2.40	2.00	1.60	1.60
KRXF87	1.60	1.95	4.90	3.95	2.90	2.90
KRXF97	2.10	3.70	7.10	6.30	4.80	4.80
KRXF107	3.10	5.70	11.2	9.30	7.20	7.20

KR../KR..F

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1 ①	M2 ①	M3	M4	M5	M6
KR..07	0.12	0.20	0.20	0.20	0.20	0.20
KR..17	0.25	0.55	0.35	0.55	0.35	0.40
KR..27	0.25/0.40	0.70	0.50	0.70	0.50	0.50
KR..37	0.30/0.95	0.85	0.95	1.05	0.75	0.95
KR..47	0.70/1.50	1.60	1.50	1.65	1.50	1.50
KR..57	0.80/1.70	1.90	1.70	2.10	1.70	1.70
KR..67	1.10/2.30	2.40/3.20	2.80	2.90	1.80	2.00
KR..77	1.20/3.00	3.30/4.20	3.60	3.80	2.50	3.40
KR..87	2.30/6.00	6.40/8.10	7.20	7.20	6.30	6.50
KR..97	4.60/9.80	11.7/14.0	11.7	13.4	11.3	11.7
KR..107	6.00/13.7	16.3	16.9	19.2	13.2	15.9
KR..137	10.0/25.0	28.0	29.5	31.5	25.0	25.0
KR..147	15.4/40.0	46.5	48.0	52.0	39.5	41.0
KR..167	27.0/70.0	82.0	78.0	88.0	66.0	69.0

KRF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1 ①	M2 ①	M3	M4	M5	M6
KRF07	0.12	0.20	0.20	0.20	0.20	0.20
KRF17	0.25	0.55	0.35	0.55	0.35	0.40
KRF27	0.25/0.40	0.70	0.50	0.70	0.50	0.50
KRF37	0.35/0.95	0.90	0.95	1.05	0.75	0.95
KRF47	0.65/1.50	1.60	1.50	1.65	1.50	1.50
KRF57	0.80/1.70	1.80	1.70	2.00	1.70	1.70
KRF67	1.20/2.50	2.50/3.20	2.70	2.80	1.90	2.10
KRF77	1.20/2.60	3.10/4.10	3.30	3.60	2.40	3.00
KRF87	2.40/6.00	6.40/8.20	7.10	7.20	6.30	6.40
KRF97	5.10/10.2	11.9/14.0	11.2	14.0	11.2	11.8
KRF107	6.30/14.9	15.9	17.0	19.2	13.1	15.9
KRF137	9.50/25.0	27.0	29.0	32.5	25.0	25.0
KRF147	16.4/42.0	47.0	48.0	52.0	42.0	42.0
KRF167	26.0/70.0	82.0	78.0	88.0	65.0	71.0

① The larger gear unit of multi-stage gear units must be filled with the larger oil volume

K系列斜齒輪減速電機 K Series Helical Gear Motor

KF.,KFA..B,KFH..B,KFV..B

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KF..27	0.60	0.80	0.65	0.70	0.60	0.60
KF..37	0.95	1.25	0.70	1.25	1.00	1.10
KF..47	1.50	1.80	1.10	1.90	1.50	1.70
KF..57	2.60	3.50	2.10	3.50	2.80	2.90
KF..67	2.70	3.80	1.90	3.80	2.90	3.20
KF..77	5.90	7.30	4.30	8.00	6.00	6.30
KF..87	10.8	13.0	7.70	13.8	10.8	11.0
KF..97	18.5	22.5	12.6	25.2	18.5	20.0
KF..107	24.5	32.0	19.5	37.5	27.0	27.0
KF..127	40.5	55.0	34.0	61.0	46.3	47.0
KF..157	69.0	104	63.0	105	86.0	78.0

KFF..

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KFF27	0.60	0.80	0.65	0.70	0.60	0.60
KFF37	1.00	1.25	0.70	1.30	1.00	1.10
KFF47	1.60	1.85	1.10	1.90	1.50	1.70
KFF57	2.80	3.50	2.10	3.70	2.90	3.00
KFF67	2.70	3.80	1.90	3.80	2.90	3.20
KFF77	5.90	7.30	4.30	8.10	6.00	6.30
KFF87	10.8	13.2	7.80	14.1	11.0	11.2
KFF97	19.0	22.5	12.6	25.5	18.9	20.5
KFF107	25.5	32.0	19.5	38.5	27.5	28.0
KFF127	41.5	55.5	34.0	63.0	46.5	49.0
KFF157	72.0	105	64.0	106	87.0	79.0

KFA...,KFH...,KFV...,KFAF...,KFHF...,KFVF...,KFAZ...,KFHZ...,KFVZ...

減速器型號 Gear units	加注量 Fill quantity in liters 單位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KF..27	0.60	0.80	0.65	0.70	0.60	0.60
KF..37	0.95	1.25	0.70	1.25	1.00	1.10
KF..47	1.50	1.80	1.10	1.90	1.50	1.70
KF..57	2.70	3.50	2.10	3.40	2.90	3.00
KF..67	2.70	3.80	1.90	3.80	2.90	3.20
KF..77	5.90	7.30	4.30	8.00	6.00	6.30
KF..87	10.8	13.0	7.70	13.8	10.8	11.0
KF..97	18.5	22.5	12.6	25.2	18.5	20.0
KF..107	24.5	32.0	19.5	37.5	27.0	27.0
KF..127	39.0	54.5	34.0	61.0	45.0	46.5
KF..157	68.0	103	62.0	104	85.0	79.5

K系列斜齒輪減速電機 K Series Helical Gear Motor

KH...KHA...B,KHH...B,KHV...B

減速器型號 Gear units	加注量 Fill quantity in liters		單位:升(L) Unit: L			
	M1	M2	M3	M4	M5	M6
KH..37	0.50	1.00	1.00	1.25	0.95	0.95
KH..47	0.80	1.30	1.50	2.00	1.60	1.60
KH..57	1.10	2.20	2.20	2.80	2.30	2.10
KH..67	1.10	2.40	2.60	3.45	2.60	2.60
KH..77	2.20	4.10	4.40	5.80	4.20	4.40
KH..87	3.70	8.00	8.70	10.9	8.00	8.00
KH..97	7.00	14.0	15.7	20.0	15.7	15.5
KH..107	10.0	21.0	25.5	33.5	24.0	24.0
KH..127	21.0	41.5	44.0	54.0	40.0	41.0
KH..157	31.0	62.0	65.0	90.0	58.0	62.0
KH..167	33.0	95.0	105.0	123.0	85.0	84.0
KH..187	53.0	152.0	167.0	200.0	143.0	143.0

KHF..

減速器型號 Gear units	加注量 Fill quantity in liters		單位:升(L) Unit: L			
	M1	M2	M3	M4	M5	M6
KHF37	0.50	1.10	1.10	1.50	1.00	1.00
KHF47	0.80	1.30	1.70	2.20	1.60	1.60
KHF57	1.20	2.20	2.40	3.15	2.50	2.30
KHF67	1.10	2.40	2.80	3.70	2.70	2.70
KHF77	2.10	4.10	4.40	5.90	4.50	4.50
KHF87	3.70	8.20	9.00	11.9	8.40	8.40
KHF97	7.00	14.7	17.3	21.5	15.7	16.5
KHF107	10.0	21.8	25.8	35.1	25.2	25.2
KHF127	21.0	41.5	46.0	55.0	41.0	41.0
KHF157	31.0	66.0	69.0	92.0	62.0	62.0

KHA...KHH...KHV...KHA...KHHF...KHVF...KHAZ...KHHZ...KHVZ...

減速器型號 Gear units	加注量 Fill quantity in liters		單位:升(L) Unit: L			
	M1	M2	M3	M4	M5	M6
KH..37	0.50	1.00	1.00	1.40	1.00	1.00
KH..47	0.80	1.30	1.60	2.10	1.60	1.60
KH..57	1.30	2.30	2.70	3.20	2.90	2.70
KH..67	1.10	2.40	2.70	3.60	2.60	2.60
KH..77	2.10	4.10	4.60	6.00	4.40	4.40
KH..87	3.70	8.20	8.80	11.1	8.00	8.00
KH..97	7.00	14.7	15.7	20.0	15.7	15.7
KH..107	10.0	20.5	24.0	32.0	24.0	24.0
KH..127	21.0	41.5	43.0	52.0	40.0	40.0
KH..157	31.0	66.0	67.0	87.0	62.0	62.0
KH..167	33.0	95.0	105.0	123.0	85.0	84.0
KH..187	53.0	152.0	167.0	200.0	143.0	143.0

K系列斜齒輪減速電機 K Series Helical Gear Motor

KS..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KS37	0.25	0.40	0.50	0.55	0.40	0.40
KS47	0.35	0.80	0.70/0.90	1.00	0.80	0.80
KS57	0.50	1.20	1.00/1.20	1.45	1.30	1.30
KS67	1.00	2.00	2.20/3.10	3.10	2.60	2.60
KS77	1.90	4.20	3.70/5.40	5.90	4.40	4.40
KS87	3.30	8.10	6.90/10.4	11.3	8.40	8.40
KS97	6.80	15.0	13.4/18.0	21.8	17.0	17.0

KSF..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KSF37	0.25	0.40	0.50	0.55	0.40	0.40
KSF47	0.40	0.90	0.90/1.05	1.05	1.00	1.00
KSF57	0.50	1.20	1.00/1.50	1.55	1.40	1.40
KSF67	1.00	2.20	2.30/3.00	3.20	2.70	2.70
KSF77	1.90	4.10	3.90/5.80	6.50	4.90	4.90
KSF87	3.80	8.00	7.10/10.1	12.0	9.10	9.10
KSF97	7.40	15.0	13.8/18.8	22.6	18.0	18.0

KSA...,KSH..., KSAF...,KSHF..., KSAZ...,KSHZ..

減速器型号 Gear units	加注量 Fill quantity in liters 单位:升(L) Unit: L					
	M1	M2	M3	M4	M5	M6
KS..37	0.25	0.40	0.50	0.50	0.40	0.40
KS..47	0.40	0.80	0.70/0.90	1.00	0.80	0.80
KS..57	0.50	1.10	1.00/1.50	1.50	1.20	1.20
KS..67	1.00	2.00	1.80/2.60	2.90	2.50	2.50
KS..77	1.80	3.90	3.60/5.00	5.80	4.50	4.50
KS..87	3.80	7.40	6.00/8.70	10.8	8.00	8.00
KS..97	7.00	14.0	11.4/16.0	20.5	15.7	15.7

TUNYO



東洋KR斜齒輪減速電機 TUNYO KR HELICAL GEARED MOTOR

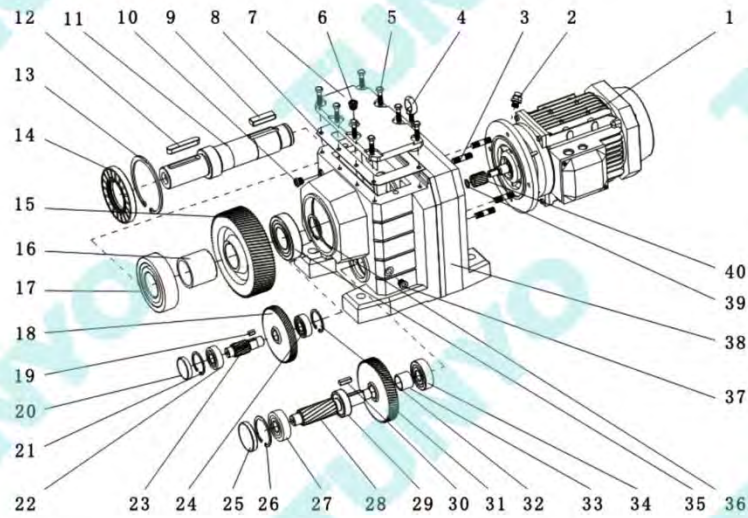
PROFESSIONAL MANUFACTURER OF POWER TRANSMISSION

DESIGN PHILOSOPHY: To follow the law, but always beyond.

BUSINESS PHILOSOPHY: Design for customer demand , dedication for customer satisfaction

K系列斜齒輪減速電機 K Series Helical Gear Motor

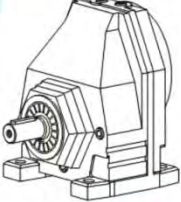
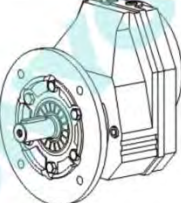
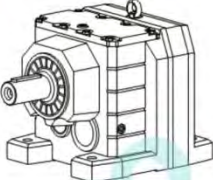
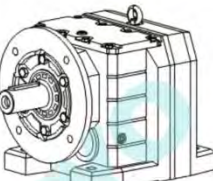
部件分解圖 Spare Parts List



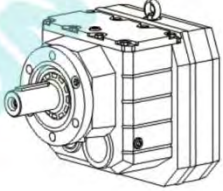
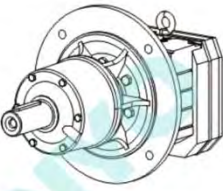
- | | |
|-----------------------------------|-----------------------------------|
| 1 电机/motor | 21 孔用挡圈/retaining rings for bores |
| 2 透气阀/breather valve | 22 轴承/bearing |
| 3 双头螺栓/stud | 23 齿轮轴/gear shaft |
| 4 吊环/lifting eye bolt | 24 轴承/bearing |
| 5 外六角螺钉/hex head screw | 25 平面油封/plane seal |
| 6 油塞/oil level plug | 26 孔用挡圈/retaining rings for bores |
| 7 盖板/cover plate | 27 轴承/bearing |
| 8 纸垫/gasket | 28 齿轮轴/gear shaft |
| 9 平键/flat key | 29 轴承/bearing |
| 10 油塞/oil level plug | 30 平键/flat key |
| 11 输出轴/output shaft | 31 齿轮/gear |
| 12 平键/flat key | 32 孔用挡圈/retaining rings for bores |
| 13 孔用挡圈/retaining rings for bores | 33 轴套/spacer tube |
| 14 骨架油封/skeleton oil seal | 34 轴承/bearing |
| 15 齿轮/gear | 35 轴承/bearing |
| 16 轴套/spacer tube | 36 孔用挡圈/retaining rings for bores |
| 17 轴承/bearing | 37 油塞/oil level plug |
| 18 齿轮/gear | 38 箱体/housing |
| 19 平键/flat key | 39 轴用挡圈/retaining rings for shaft |
| 20 平面油封/plane seal | 40 齿轮/gear |

機型版本 Versions

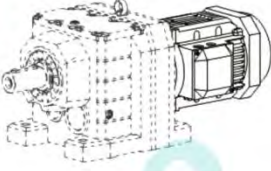
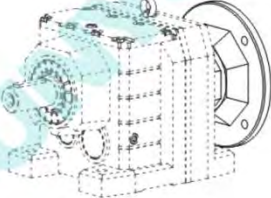
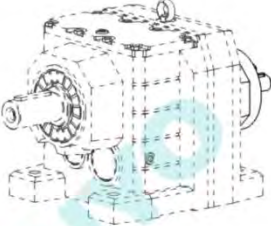
2. 2. 1 基本型式 / Basic Versions

	KRX.. 底腳安裝單級斜齒輪減速機 Single-stage foot-mounted helical geared unit.
	KRXF.. 法蘭安裝單級斜齒輪減速機 Single-stage flange-mounted helical geared unit.
	KR.. 底腳安裝斜齒輪減速機 Foot-mounted helical geared unit.
	KRF.. 法蘭安裝斜齒輪減速機 Flange-mounted helical geared unit.
	KR..F 底腳法蘭安裝斜齒輪減速機 Foot and Flange-mounted helical geared unit.

K系列斜齒輪減速電機 K Series Helical Gear Motor

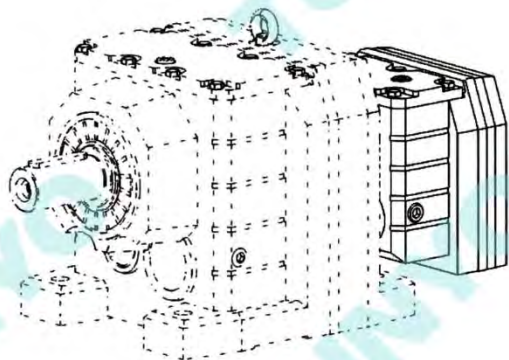
	KRZ.. B14法兰安装斜齿轮减速机 B14 flange-mounted helical geared unit.
	KRM.. B5 法兰带有加长轴承箱的法兰安装斜齿轮减速电机 B5 flange-mounted helical geared motor with extended bearing housing

2.2.2 输入型式 / Input Versions

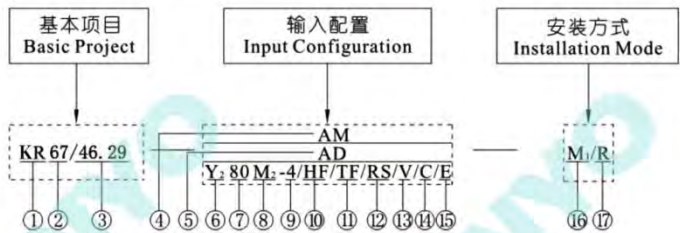
	KR.. Y.. 直联电机输入 Input with geared motors.
	KR.. AM.. AM(IEC)法兰输入 Input with AM adapters for mounting IEC motors.
	KR.. AD.. AD轴输入 Input with AD shaft assembly.

2. 2. 3 KR..与 KRF..組合 / KR.. and KRF.. Combination

当需要特别低速输出时，可选择 KRF 齿轮箱作为 KR 齿轮箱的输入。
If special low speed is needed, KRF.. gearbox can be the input of KR.. gearbox.



2. 3 产品标注 / Product Code



	标号 NO.	含义 Meaning	说明 Explanation
基本项目 Basic Project	①	系列代号 Series Code	KR、KRF、KRX... (详见2. 2. 1) KR,KRF,KRX...(see 2. 2. 1).
	②	机座号 Frame Size	机座号: 37、47、57... Frame Size: 37, 47, 57...
	③	传动比 Transmission Ratio.	传动比 i Transmission Ratio i.
输入配置 Input Configuration	④	法兰输入代号 Flange Input Code.	AM(IEC): 63、71、80...
	⑤	轴输入代号 Shaft Input Code.	AD: 1、2、3...

K系列斜齒輪減速電機

K Series Helical Gear Reduction Motor

	标号 NO.	含义 Meaning	说明 Explanation
输入配置 Input Configuration	⑥	电机代号 Motor Code	Y: 三相异步电动机 Y: Three Phase Asynchronous Motor. YD: 变极多速三相异步电动机 YD: Variable-pole Multi-speed Three Phase Asynchronous Motor. YS: 小功率三相异步电动机 YS: Small Power Three Phase Asynchronous Motor. YVF: 变频调速三相异步电动机 YVF: Variable Frequency Speed Control Three Phase Asynchronous Motor. YE: 电磁制动三相异步电动机 YE: Electromagnetic Brake Three Phase Asynchronous Motor. YB: 隔爆三相异步电动机 YB: Flame Proof Three Phase Asynchronous Motor.
	⑦	电机机座号 Motor Frame Size.	63、71、80...
	⑧	电机定子铁芯长度代号 Length Code of Stator Core.	M、M ₁ 、M ₂ 、S、S ₁ 、S ₂ 、L、L ₁ 、L ₂
	⑨	电机极数 Pole Number of Motor.	2、4、6、8
	⑩	手动释放装置 Manual Release Device.	无代码: 无手动释放装置 No Code: No manual release device. HF: 手动释放装置带自锁功能 HF: Manual release device with self-locking Function. HR: 手动释放装置不带自锁功能 HR: Manual release device without self-Locking function.
	⑪	电机热保护装置 Motor Heat-protection Device.	无代码: 无电机热保护装置 No Code: No motor heat-protection device. TF: 电机热保护装置 TF: Motor heat-protection device.
	⑫	逆止器 Backstop	无代码: 无逆止器 No Code: No backstop. RS: 逆止器 RS: Backstop.
	⑬	强制冷却风扇 Forced Cooling Fan.	无代码: 无强制冷却风扇 No Code: no forced cooling fan. V: 强制冷却风扇 V: Forced cooling fan.

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

	标号 NO.	含义 Meaning	说明 Explanation
输入配置 Input Configuration	⑭	防雨罩 Cover	无代码: 无风扇防护罩 No Code: No fan cover. C: 防雨罩 C: cover.
	⑮	编码器 Encoder	无代码: 无编码器 No Code: No encoder. E: 编码器 E: Encoder.
安装方式 Mounting Positions	⑯	安装方位 Mounting Position.	M1、M2、M3、M4、M5、M6
	⑰	电机接线盒方位 Position for motor terminal box.	R、B、L、T

说明:

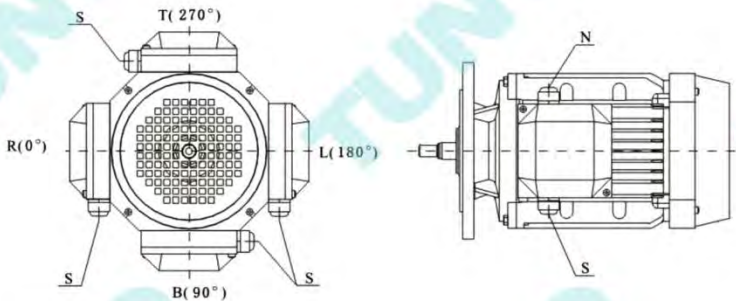
1. 基本项目不可省略;
2. 输入配置中, 只能在 AM、AD 和电机之间选择一种;
3. 安装方式参数若省略, 默认按 M1 安装方位, R 接线盒方位提供。

Notes:

1. Basic project can not be omitted.
2. Input configuration can only be one of AM, AD and motor.
3. If not mounting position, default mounting position will be M1, default position for motor terminal will be R.

2.4 安装方位 / Mounting Positions

2.4.1 电机接线盒方位 / Position of Motor Terminal Box



R(0°): 默认接线盒方位
R(0°): Default Position for Motor Terminal Box
注: 图为M1安装方位。
Mark :This picture is the installation position of M1

S: 默认进线方位
S: Default Line Position

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

说明:

上图的视图方向为：从电机尾部的风罩向前看。

可提供R (0°)、B (90°)、L (180°)、T (270°) 四种电机接线盒方位。其中R (0°) 位置是默认方位，如无特别说明，将按默认方位提供。

可提供S和N两种进线方位，其中S位置是默认方位。如无特别说明，将按默认方位提供。

Notes:

The view direction of above figure: from the fan cover in the end of the motor to look forward.

There will be four position for motor terminal box: R(0°)、B(90°)、L(180°)、T(270°). And default position is R(0°).

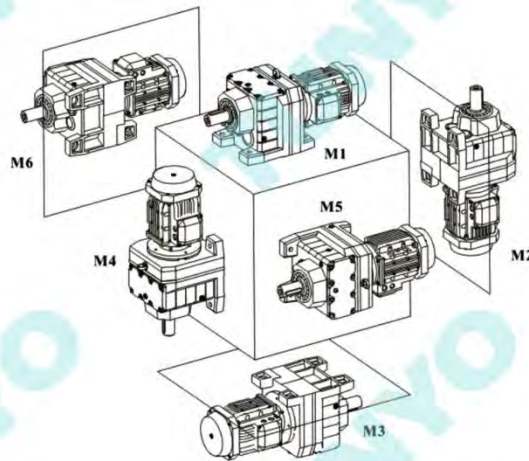
There will be two line position: S and N. Default position is S.

2.4.2 油位符号说明 / Oil Level Symbol Explanation

符号 Symbol	含义	Meaning
	通气帽	BREATHER VALVE
	油标	OIL LEVEL PLUG
	排油塞	OIL DRAIN PLUG

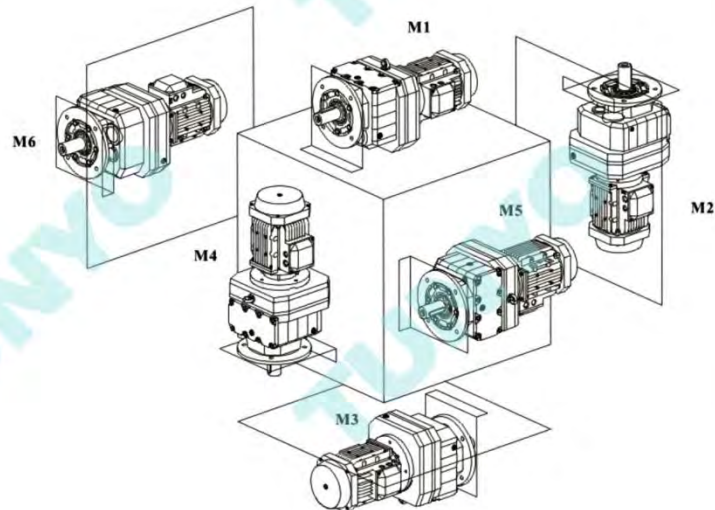
2.4.3 安装位置示意 / Mounting Position Designation

KR..安装位置示意图 / KR.. Mounting Position Designation



K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

KRF..安裝位置示意图 / KRF.. Mounting Position Designation



2.4.4 安裝方位 / Mounting Positions

***→提示:**

当采用下表列出的安装方式及输入转速时，齿轮箱会产生不可忽视的搅油损失。请联系本公司。

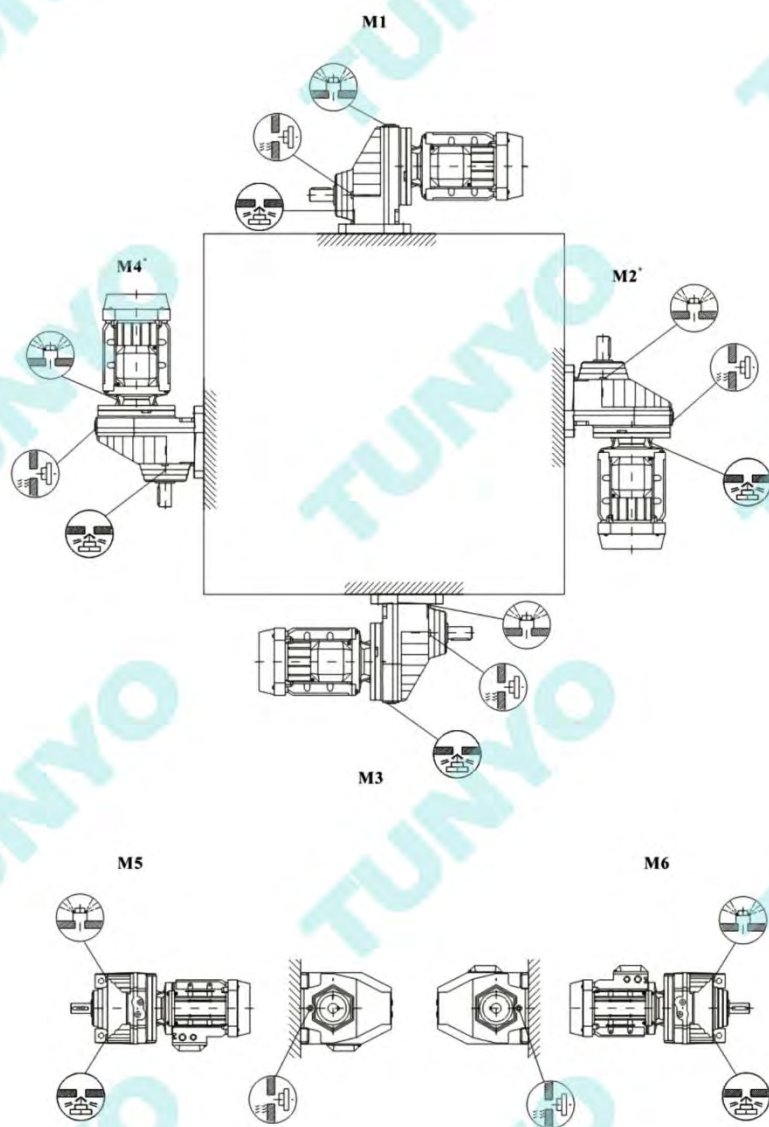
***→Reminder:**

Increased churning losses may arise in the following mounting positions. Contact Greatwall Machinery.

安装方式 Mounting Position	齿轮箱规格 Gear Unit Size	输入转速 Input Speed (r/min)
M2, M4	97,107	>2500
	>107	>1500

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

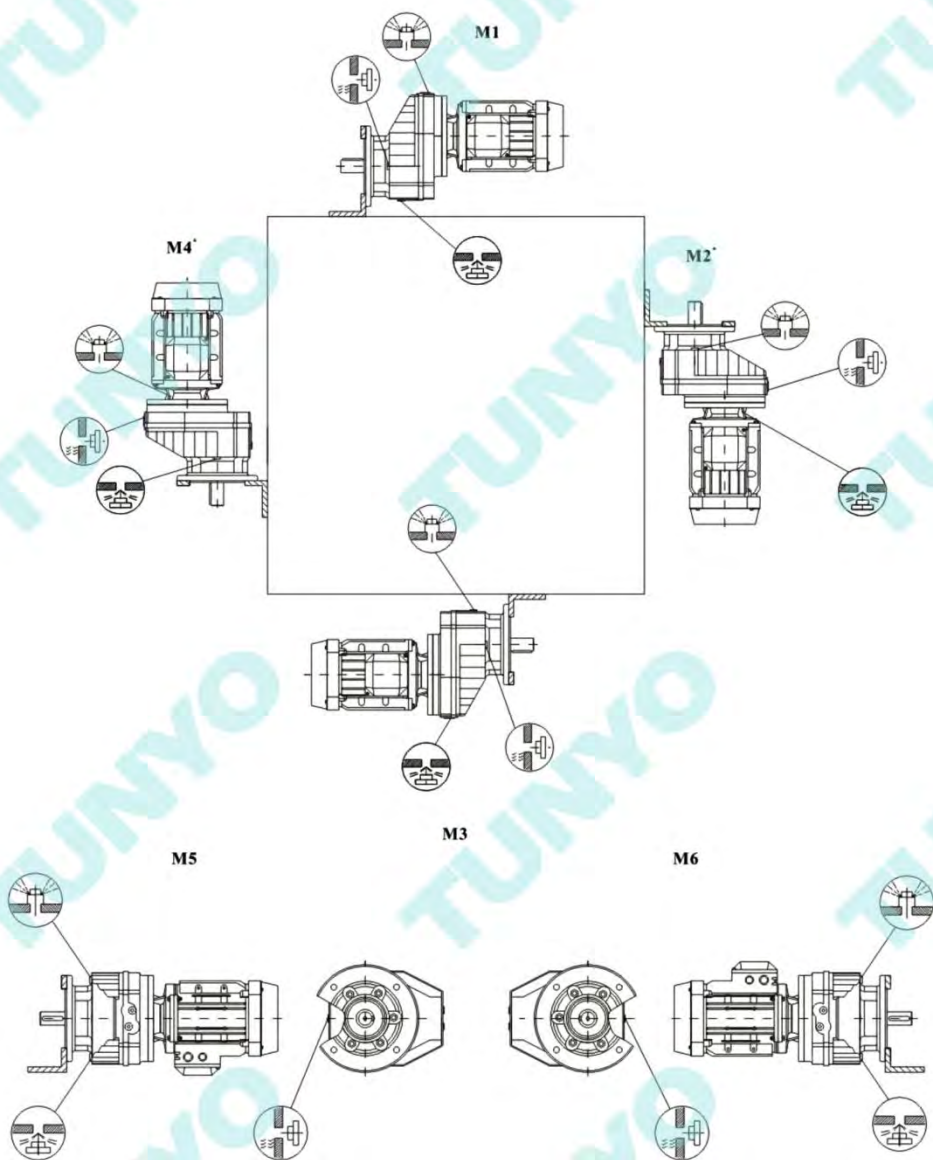
KRX57-KRX107



*→page 016

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

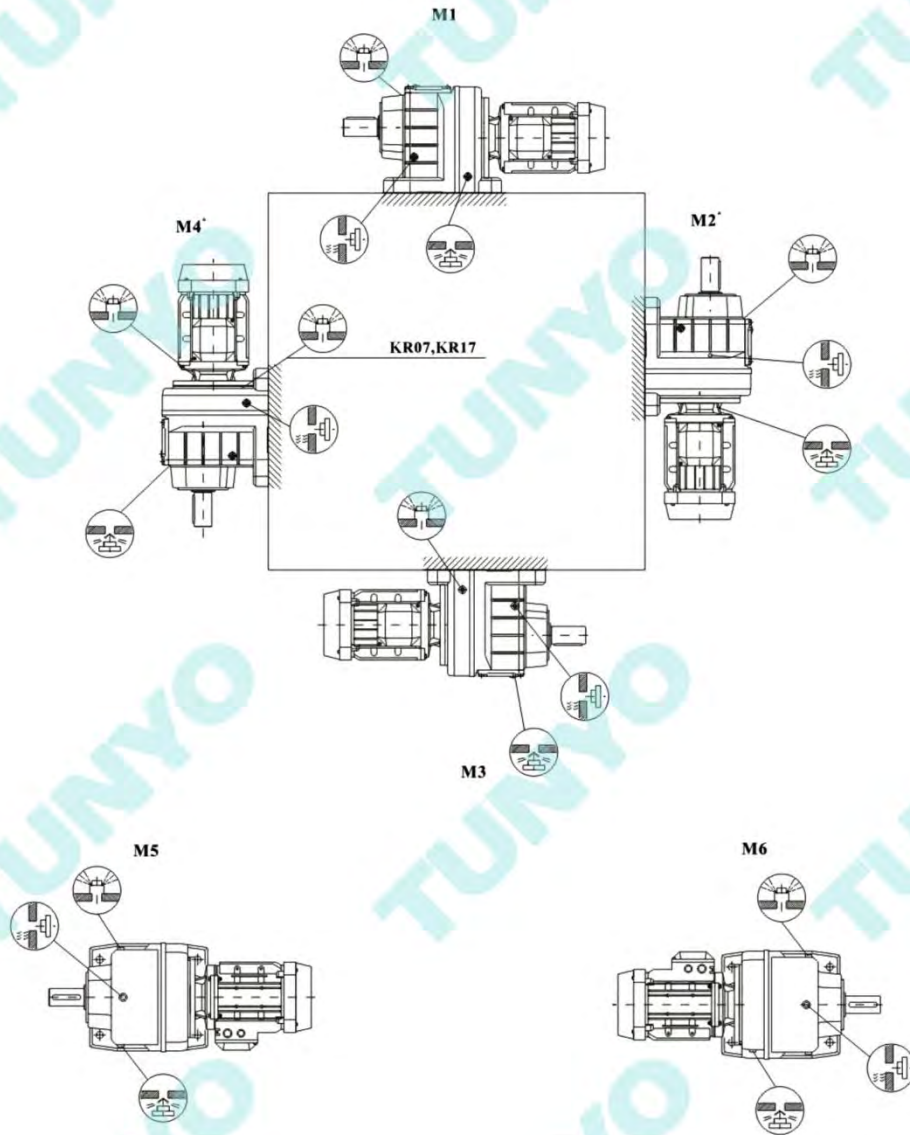
KRXF57-KRXF107



*→page 016

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

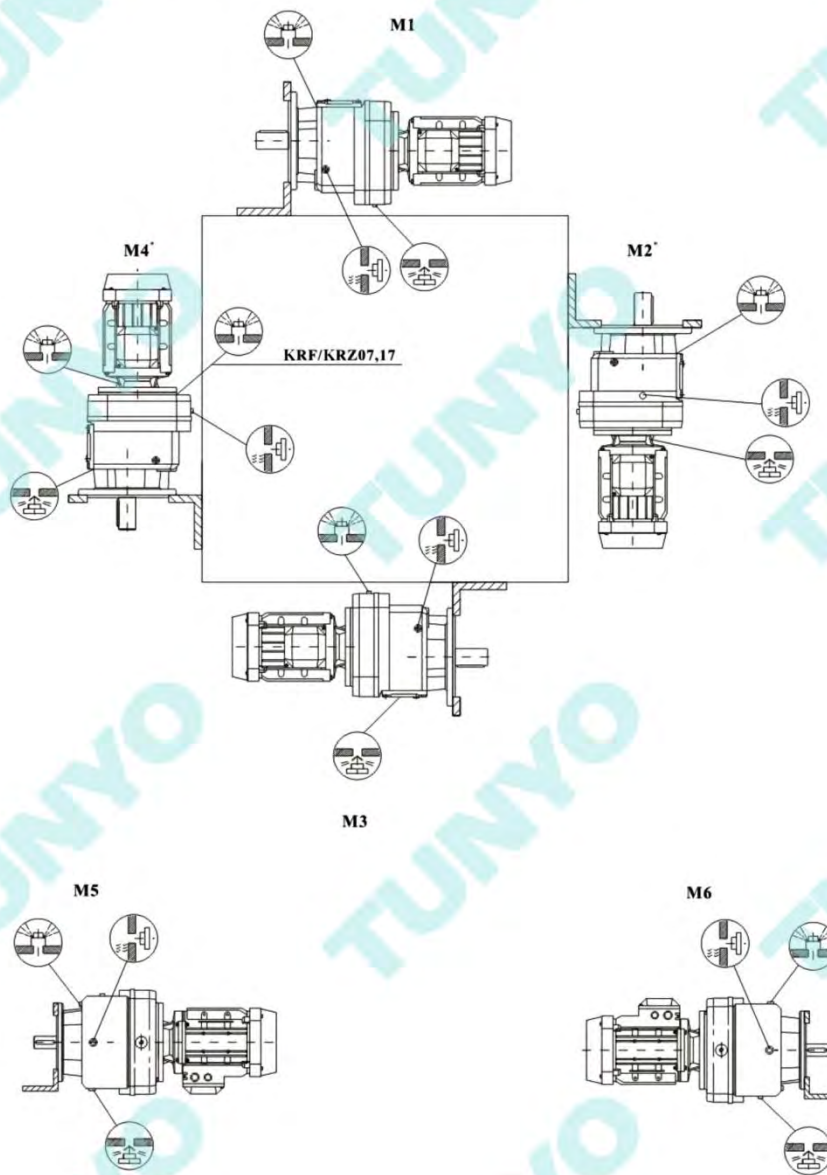
KR07-KR167



*→page 016

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

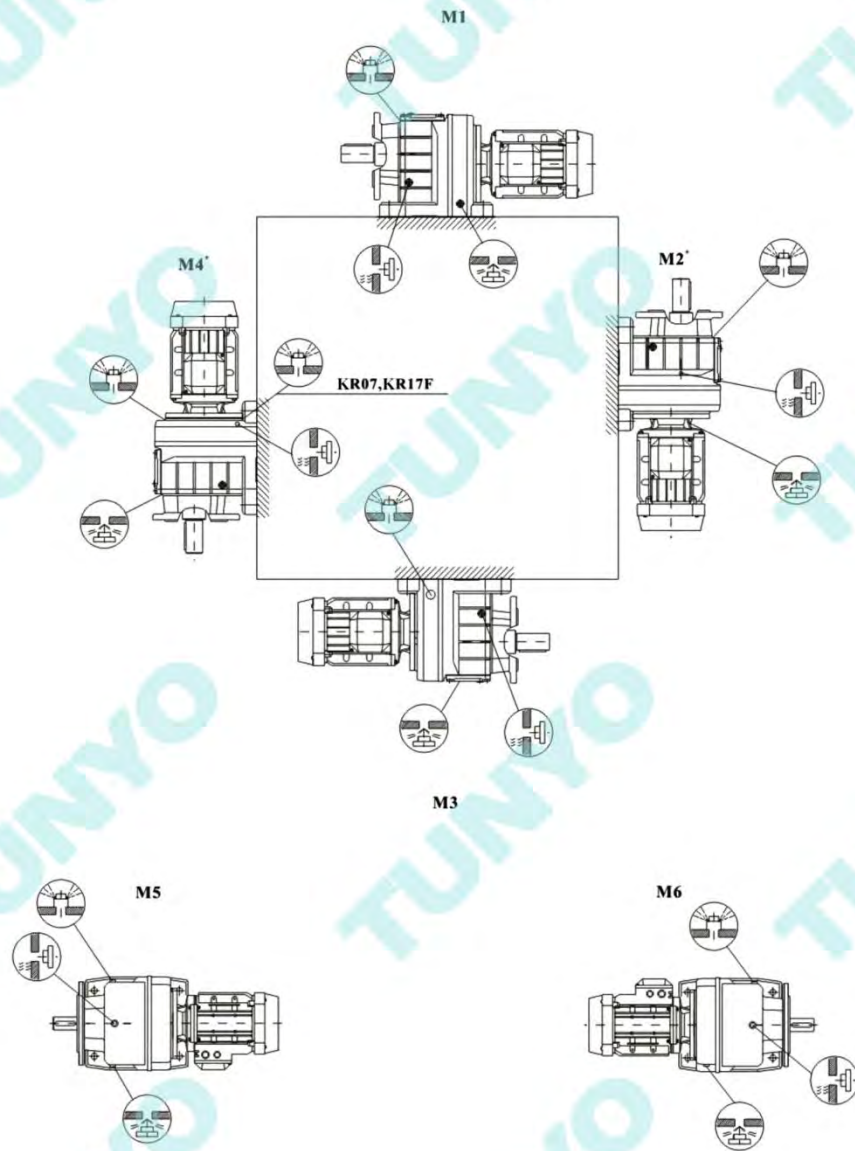
KRF07-KRF167, KRZ07-KRZ87



*→page 016

K系列斜齒輪減速電機
K Series Helical Gear Reduction Motor

KR07F-KR87F



*→page 016

2.5 減速器組合表 / Gear Unit Combination Table

為得到特別低的輸出轉速，可通過 KRF 齒輪箱與 KR 齒輪箱相連的方式實現。

當採用這種傳動方案時，可配置電動機的功率依賴於減速機的極限輸出扭矩，而不能通過電動機的額定功率和減速機的總傳動比計算得出減速機的輸出扭矩。

KR series of gear units and KRF series of gear units can be connected together to get special output speed.

For this transmission scheme, the power of the motor depends on the limit output torque of the gear-box, instead of the output torque calculated based on rated power of the motor and the transmission ratio of the gear unit.

KR..與 KF..齒輪箱可能的組合 / Possible Combination of KR.. and KRF..

	KRF17	KRF27	KRF37	KRF47	KRF57	KRF67	KRF77	KRF87	KRF97	KRF107
KR..27										
KR..37										
KR..47										
KR..57										
KR..67										
KR..77										
KR..87										
KR..97										
KR..107										
KR..137										
KR..147										
KR..167										

說明：

- ：表示可能的組合。
□：表示不允許的組合。

Notes:

- ：Possible Combination.
□：Impossible Combination.

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

2.6 KR..功率配置 / KR..Power Configuration

KRX57 n ₁ =1400 1/min 69Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
255	39	3100	5.50						
276	36	3030	5.07						
322	68	2640	4.35						
369	69	2480	3.79						
394	69	2420	3.55						
446	65	2320	3.14						
481	67	2170	2.91						
530	69	1810	2.64						
591	69	1500	2.37						
686	69	1070	2.04						
729	69	880	1.92						
848	69	430	1.65						
946	68	112	1.48						
1075	63	132	1.30						
KRX67 n ₁ =1400 1/min 134Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
231	43	4000	6.07						
270	75	3580	5.18						
309	82	3350	4.53						
326	80	3300	4.30						
371	87	3090	3.77						
438	100	2800	3.20						
484	106	2640	2.89						
551	118	2000	2.54						
583	123	1530	2.40						
686	134	230	2.04						
753	126	225	1.86						
870	114	245	1.61						
1000	104	205	1.40						
KRX77 n ₁ =1400 1/min 215Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	1.10	1.50	2.20 3.00	4.00	5.50 7.50	11.0
175	57	6330	8.00						
187	53	6200	7.47						
218	103	5600	6.41						
249	110	5300	5.63						
262	103	5240	5.35						
296	123	4900	4.73						
347	143	4500	4.04						
378	153	4290	3.70						

KRX77 n ₁ =1400 1/min 215Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	1.10	1.50	2.20 3.00	4.00	5.50 7.50	11.0
431	182	3200	3.25						
455	193	2560	3.08						
519	215	1110	2.70						
576	215	510	2.43						
657	200	435	2.13						
745	187	335	1.88						
838	173	315	1.67						
986	155	315	1.42						
KRX87 n ₁ =1400 1/min 405Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	3.00	4.00	5.5 7.5	11.0 15.0	18.5 22.0	
162	139	7890	8.65						
183	149	7490	7.63						
194	140	7380	7.20						
217	192	6850	6.45						
252	225	6320	5.56						
276	250	5980	5.07						
311	290	5500	4.50						
370	305	5030	3.78						
402	405	2730	3.48						
453	405	1950	3.09						
507	405	1200	2.76						
565	405	470	2.48						
651	385	42	2.15						
725	355	185	1.93						
875	315	74	1.60						
1005	290	74	1.39						
KRX97 n ₁ =1400 1/min 595Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0		
170	225	9560	8.23						
196	260	8950	7.16						
213	300	8500	6.56						
242	420	7630	5.79						
285	395	7220	4.91						
310	595	6180	4.52						
347	595	5380	4.04						
385	595	4530	3.64						
424	595	3730	3.30						
479	595	2810	2.92						
530	595	1980	2.64						
625	595	495	2.24						

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KRX97 n ₁ =1400 1/min 595Nm									
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0		
714	570	19	1.96						
854	505	51	1.64						
986	455	132	1.42						
KRX107 n ₁ =1400 1/min 830Nm									
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0		
211	460	9700	6.63						
250	455	9080	5.61						
270	695	7850	5.19						
301	695	7450	4.65						
333	830	6420	4.20						
367	830	5550	3.81						
414	830	4490	3.38						
456	830	3600	3.07						
530	830	2160	2.64						
609	830	900	2.30						
718	765	555	1.95						
819	705	480	1.71						
972	645	315	1.44						
KR17 n ₁ =1400 1/min 85Nm									
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75				
3									
17	85	1770	81.64						
20	85	1770	70.39						
21	85	1770	65.61						
24	85	1770	57.35						
26	85	1770	53.76						
30	85	1770	47.44						
32	85	1770	44.18						
36	85	1770	38.61						
39	85	1770	36.20						
44	85	1770	31.94						
49	85	1770	28.32						
58	85	1650	24.07						
2									
55	85	1680	25.23						
60	85	1620	23.15						
71	85	1500	19.71						
82	85	1400	16.99						
88	85	1350	15.84						
101	85	1270	13.84						
108	85	1230	12.98						
122	81	1180	11.45						

KR17 n ₁ =1400 1/min 85Nm									
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75				
2									
138	77	1140	10.15						
162	72	1090	8.63						
185	56	1040	7.55						
199	55	1010	7.04						
228	54	950	6.15						
243	53	930	5.76						
275	51	890	5.09						
310	48	870	4.51						
366	45	820	3.83						
KR27 n ₁ =1400 1/min 130Nm									
n ₂ [1/min]	M _{max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50 1.50	2.20 3.00		
3									
10	130	4230	135.09						
11	130	4230	123.91						
13	130	4230	105.49						
15	130	4230	90.96						
17	130	4230	84.78						
19	130	4230	74.11						
20	130	4180	69.47						
23	130	3980	61.30						
25	130	3840	55.87						
29	130	3630	48.17						
31	130	3530	44.90						
36	130	3350	39.25						
38	130	3260	36.79						
43	130	3100	32.47						
49	130	2950	28.78						
57	130	2760	24.47						
2									
49	130	2940	28.37						
54	130	2840	26.09						
63	130	2660	22.32						
72	130	2510	19.35						
77	130	2440	18.08						
90	130	2290	15.63						
105	130	2140	13.28						
118	129	1980	11.86						
138	122	1890	10.13						
149	122	900	9.41						
172	116	870	8.16						
183	112	900	7.63						
212	106	880	6.59						

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KR27 n ₁ =1400 1/min 130Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00		
2									
250	99	880	5.60						
280	95	860	5.00						
328	87	920	4.27						
350	85	900	4.00						
415	79	900	3.37						
KR37 n ₁ =1400 1/min 200Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00		
3									
10.0	200	4940	134.82						
11.0	200	4940	123.66						
13.0	200	4940	105.28						
15.0	200	4940	90.77						
17.0	200	4940	84.61						
19.0	200	4940	73.96						
20.0	200	4940	69.33						
23.0	200	4940	61.18						
25.0	200	4940	55.76						
29.0	200	4940	48.08						
31.0	200	4940	44.81						
36.0	200	4760	39.17						
38.0	200	4540	36.72						
43.0	200	4120	32.40						
49.0	200	3740	28.73						
57.0	200	3240	24.42						
2									
49.0	200	3690	28.32						
54.0	185	3860	26.03						
63.0	200	2970	22.27						
73.0	200	2570	19.31						
78.0	200	2390	18.05						
90.0	200	2010	15.60						
106	190	1880	13.25						
118	183	1810	11.83						
138	170	1820	10.11						
148	167	1760	9.47						
176	156	1720	7.97						
210	144	1000	6.67						
247	142	760	5.67						
277	135	790	5.06						
324	126	820	4.32						
346	122	840	4.05						
411	112	900	3.41						

KR47 n ₁ =1400 1/min 300Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50
3									
7.90	300	5420	176.88						
8.60	300	5420	162.94						
10.0	300	5420	139.99						
11.0	300	5420	121.87						
12.0	300	5420	114.17						
14.0	300	5420	100.86						
15.0	300	5420	93.68						
16.0	300	5420	84.90						
18.0	300	5420	76.23						
20.0	300	5420	68.54						
22.0	300	5420	64.21						
25.0	300	5420	56.73						
27.0	300	5350	52.69						
29.0	300	5140	47.75						
33.0	300	4930	42.87						
38.0	300	4630	36.93						
40.0	300	4520	34.73						
47.0	300	4240	29.88						
52.0	300	4050	26.70						
59.0	300	3840	23.59						
2									
41.0	240	4680	33.79						
45.0	220	4610	31.12						
52.0	300	4050	26.74						
60.0	300	3820	23.28						
64.0	300	3710	21.81						
73.0	295	3530	19.27						
78.0	290	3390	17.89						
86.0	275	3350	16.22						
96.0	265	3230	14.56						
112	250	3080	12.54						
119	245	3020	11.79						
138	230	2880	10.15						
154	220	2780	9.07						
175	205	2690	8.01						
180	163	2720	7.76						
201	159	2620	6.96						
233	156	2470	6.00						
248	155	2410	5.64						
289	150	2280	4.85						
323	146	2190	4.34						
366	144	2080	3.83						

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KR57 n ₁ =1400 1/min 450Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
7.50	450	7100	186.89						
8.10	450	7100	172.17						
9.50	450	7100	147.92						
11.0	450	7100	128.77						
12.0	450	7100	120.63						
13.0	450	7100	106.58						
14.0	450	7100	98.99						
16.0	450	7100	89.71						
17.0	450	7100	80.55						
20.0	450	7100	69.23						
22.0	450	6980	64.85						
24.0	450	6630	57.29						
26.0	450	6430	53.22						
29.0	450	6170	48.23						
32.0	450	5900	43.30						
38.0	450	5530	37.30						
40.0	450	5390	35.07						
46.0	450	5040	30.18						
52.0	450	4800	26.97						
2									
53.0	450	4750	26.31						
56.0	450	4640	24.99						
64.0	450	4370	21.93						
75.0	450	4050	18.60						
83.0	450	3860	16.79						
95.0	435	3690	14.77						
100	430	3610	13.95						
118	405	3430	11.88						
130	390	3330	10.79						
150	370	3180	9.35						
155	375	2010	9.06						
176	355	2020	7.97						
186	350	1950	7.53						
218	335	1770	6.41						
241	320	1820	5.82						
277	305	1730	5.05						
319	280	1900	4.39						
KR67 n ₁ =1400 1/min 600Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
7.00	600	7560	199.81						
7.60	600	7560	184.07						
8.90	600	7560	158.14						

KR67 n ₁ =1400 1/min 600Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
10.0	600	7560	137.67						
11.0	600	7560	128.97						
12.0	600	7560	113.94						
13.0	600	7560	105.83						
15.0	600	7560	95.91						
16.0	600	7560	86.11						
19.0	600	7560	74.17						
20.0	600	7560	69.75						
23.0	600	7560	61.26						
25.0	600	7560	56.89						
27.0	600	7560	51.56						
30.0	600	7560	46.29						
35.0	580	7790	39.88						
37.0	570	7900	37.50						
43.0	540	8210	32.27						
49.0	520	8400	28.83						
2									
50.0	540	8210	28.13						
52.0	540	8210	26.72						
60.0	560	8010	23.44						
70.0	600	7560	19.89						
78.0	590	7330	17.95						
89.0	560	7130	15.79						
94.0	550	6980	14.91						
110	520	6640	12.70						
121	500	6500	11.54						
140	470	6220	10.00						
161	440	5960	8.70						
180	380	5830	7.79						
190	370	5790	7.36						
223	330	5590	6.27						
246	310	5450	5.70						
284	290	5210	4.93						
326	270	5000	4.29						
KR77 n ₁ =1400 1/min 820Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	0.12 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
7.20	820	9920	195.24						
8.40	820	9920	166.59						
9.60	820	9920	145.67						
10.0	820	9920	138.39						
12.0	820	9920	121.42						

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KR77 $n_1=1400$ 1/min 820Nm									
n_2 [1/min]	M_{2max} [Nm]	F_r [N]	i	0.18 ~0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
14.0	820	9920	102.99						
15.0	820	9920	92.97						
17.0	820	9920	81.80						
18.0	820	9920	77.24						
21.0	820	9920	65.77						
24.0	820	9920	57.68						
27.0	820	9920	52.07						
31.0	820	9920	45.81						
32.0	820	9920	43.26						
38.0	820	9920	36.83						
42.0	820	9920	33.47						
48.0	820	9920	29.00						
55.0	780	10100	25.23						
2									
60.0	820	8870	23.37						
65.0	820	8250	21.43						
74.0	780	7980	18.80						
79.0	780	7620	17.82						
90.0	740	7390	15.60						
100	720	7050	14.05						
114	690	6740	12.33						
129	660	6490	10.88						
145	630	6300	9.64						
163	630	4110	8.59						
181	610	3940	7.74						
206	580	3850	6.79						
234	540	3990	5.99						
264	510	3990	5.31						
KR77 $n_1=1400$ 1/min 820Nm									
n_2 [1/min]	M_{2max} [Nm]	F_r [N]	i	11.0					
3									
14.0	820	9920	102.99						
15.0	820	9920	92.97						
17.0	820	9920	81.80						
18.0	820	9920	77.24						
21.0	820	9920	65.77						
24.0	820	9920	57.68						
27.0	820	9920	52.07						
31.0	820	9920	45.81						
32.0	820	9920	43.26						
38.0	820	9920	36.83						
42.0	820	9920	33.47						

KR77 $n_1=1400$ 1/min 820Nm									
n_2 [1/min]	M_{2max} [Nm]	F_r [N]	i	11.0					
3									
48.0	820	9920	29.00						
55.0	780	10100	25.23						
2									
60.0	820	8870	23.37						
65.0	820	8250	21.43						
74.0	780	7980	18.80						
79.0	780	7620	17.82						
90.0	740	7390	15.60						
100	720	7050	14.05						
114	690	6740	12.33						
129	660	6490	10.88						
145	630	6300	9.64						
163	630	4110	8.59						
181	610	3940	7.74						
206	580	3850	6.79						
234	540	3990	5.99						
264	510	3990	5.31						
KR87 $n_1=1400$ 1/min 1550Nm									
n_2 [1/min]	M_{2max} [Nm]	F_r [N]	i	0.55	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
5.70	1550	16900	246.54						
6.50	1550	16900	216.54						
6.80	1550	16900	205.71						
7.70	1550	16900	181.77						
9.00	1550	16900	155.34						
9.80	1550	16900	142.41						
11.0	1550	16900	124.97						
12.0	1550	16900	118.43						
14.0	1550	16900	103.65						
15.0	1550	16900	93.38						
17.0	1550	16900	81.92						
19.0	1550	16900	72.57						
22.0	1550	15800	63.68						
23.0	1550	15200	60.35						
27.0	1550	13500	52.82						
29.0	1550	16900	47.58						
34.0	1550	16900	41.74						
38.0	1550	16800	36.84						
43.0	1550	16000	32.66						
50.0	1500	15100	27.88						
2									
41.0	1500	9480	34.40						

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KR87 $n_1=1400$ 1/min 1550Nm									
n_2 [1/min]	M_{max} [Nm]	Fr [N]	i	0.55 1.10	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
2									
45.0	1550	7820	31.40						
50.0	1550	15000	27.84						
60.0	1550	13900	23.40						
65.0	1500	13600	21.51						
73.0	1440	13000	19.10						
82.0	1390	12600	17.08						
91.0	1340	12100	15.35						
105	1280	11600	13.33						
117	1230	11200	11.93						
141	1180	10400	9.90						
153	1210	10500	9.14						
170	1160	10200	8.22						
196	1070	9780	7.13						
219	1020	9450	6.39						
264	910	8980	5.30						
KR87 $n_1=1400$ 1/min 1550Nm									
n_2 [1/min]	M_{max} [Nm]	Fr [N]	i	11.0 15.0	18.5 22.0				
3									
5.70	1550	16900	246.54						
6.50	1550	16900	216.54						
6.80	1550	16900	205.71						
7.70	1550	16900	181.77						
9.00	1550	16900	155.34						
9.80	1550	16900	142.41						
11.0	1550	16900	124.97						
12.0	1550	16900	118.43						
14.0	1550	16900	103.65						
15.0	1550	16900	93.38						
17.0	1550	16900	81.92						
19.0	1550	16900	72.57						
22.0	1550	15800	63.68						
23.0	1550	15200	60.35						
27.0	1550	13500	52.82						
29.0	1550	16900	47.58						
34.0	1550	16900	41.74						
38.0	1550	16800	36.84						
43.0	1550	16000	32.66						
50.0	1550	15100	27.88						
2									
41.0	1550	9480	34.40						
45.0	1550	7820	31.40						
50.0	1550	15000	27.84						

KR87 $n_1=1400$ 1/min 1550Nm									
n_2 [1/min]	M_{max} [Nm]	Fr [N]	i	11.0 15.0	18.5 22.0				
2									
60.0	1550	13900	23.40						
65.0	1500	13600	21.51						
73.0	1440	13000	19.10						
82.0	1390	12600	17.08						
91.0	1340	12100	15.35						
105	1280	11600	13.33						
117	1230	11200	11.93						
141	1180	10400	9.90						
153	1210	10500	9.14						
170	1160	10200	8.22						
196	1070	9780	7.13						
219	1020	9450	6.39						
264	910	8980	5.30						
KR97 $n_1=1400$ 1/min 3000Nm									
n_2 [1/min]	M_{max} [Nm]	Fr [N]	i	0.55 1.10	0.75 1.10	1.50	2.20 3.00	4.00	5.50 7.50
3									
4.80	3000	19800	289.74						
5.50	3000	19800	255.71						
5.80	3000	19800	241.25						
6.50	3000	19800	216.28						
7.50	3000	19800	186.30						
8.20	3000	19800	170.02						
9.30	3000	19800	150.78						
11.0	3000	19800	126.75						
12.0	3000	19800	116.48						
14.0	3000	19800	103.44						
15.0	3000	19800	92.48						
17.0	3000	19800	83.15						
19.0	3000	18000	72.17						
21.0	3000	19800	65.21						
23.0	3000	19800	59.92						
26.0	3000	19800	53.21						
29.0	3000	19800	47.58						
33.0	3000	19800	42.78						
38.0	3000	18600	37.13						
42.0	2890	17900	33.25						
51.0	2670	16900	27.58						
2									
44.0	2560	10600	32.05						
51.0	2560	8380	27.19						
56.0	2830	15900	25.03						
63.0	2720	15300	22.37						

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KR97 n ₁ =1400 1/min 3000Nm									
n ₁ [1/min]	M _{max} [Nm]	Fr [N]	i	0.55 1.10	0.75 1.50	2.20 3.00	4.00	5.50 7.50	
2									
70.0	2610	14800	20.14						
77.0	2500	14400	18.24						
87.0	2400	13800	16.17						
96.0	2300	13400	14.62						
113	2190	12700	12.39						
129	2090	12100	10.83						
151	2030	12200	9.29						
167	2030	11700	8.39						
197	2000	10900	7.12						
225	1890	10500	6.21						
269	1780	9850	5.20						
311	1630	9500	4.50						
KR97 n ₁ =1400 1/min 3000Nm									
n ₁ [1/min]	M _{max} [Nm]	Fr [N]	i	11.0 15.0	18.5 22.0	30.0 37.0			
3									
4.80	3000	19800	289.74						
5.50	3000	19800	255.71						
5.80	3000	19800	241.25						
6.50	3000	19800	216.28						
7.50	3000	19800	186.30						
8.20	3000	19800	170.02						
9.30	3000	19800	150.78						
11.0	3000	19800	126.75						
12.0	3000	19800	116.48						
14.0	3000	19800	103.44						
15.0	3000	19800	92.48						
17.0	3000	19800	83.15						
19.0	3000	18000	72.17						
21.0	3000	19800	65.21						
23.0	3000	19800	59.92						
26.0	3000	19800	53.21						
29.0	3000	19800	47.58						
33.0	3000	19800	42.78						
38.0	3000	18600	37.13						
42.0	2890	17900	33.25						
51.0	2670	16900	27.58						
2									
44.0	2560	10600	32.05						
51.0	2560	8380	27.19						
56.0	2830	15900	25.03						

KR97 n ₁ =1400 1/min 3000Nm									
n ₁ [1/min]	M _{max} [Nm]	Fr [N]	i	11.0 15.0	18.5 22.0	30.0 37.0			
2									
63.0	2720	15300	22.37						
70.0	2610	14800	20.14						
77.0	2500	14400	18.24						
87.0	2400	13800	16.17						
96.0	2300	13400	14.62						
113	2190	12700	12.39						
129	2090	12100	10.83						
151	2030	12200	9.29						
167	2030	11700	8.39						
197	2000	10900	7.12						
225	1890	10500	6.21						
269	1780	9850	5.20						
311	1630	9500	4.50						
KR107 n ₁ =1400 1/min 4300Nm									
n ₁ [1/min]	M _{max} [Nm]	Fr [N]	i	1.50 ~3.00	4.00	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0
3									
5.60	4300	29500	251.15						
6.10	4300	29500	229.95						
6.90	4300	29500	203.16						
8.10	4300	29500	172.34						
8.80	4300	29500	158.68						
9.90	4300	29500	141.83						
11.0	4300	29500	127.68						
12.0	4300	29500	115.63						
14.0	4300	29500	102.53						
15.0	4300	29500	92.70						
18.0	4300	29500	78.57						
19.0	4300	29500	72.88						
21.0	4300	29200	65.60						
24.0	4300	28000	59.41						
27.0	4300	26600	52.68						
29.0	4300	25500	47.63						
35.0	4300	23800	40.37						
40.0	4300	22400	35.26						
47.0	4300	20700	29.49						
2									
45.0	4300	21100	30.77						
51.0	4300	20100	27.58						
56.0	4300	19200	24.90						
62.0	4300	18300	22.62						
70.0	4300	17300	20.07						
77.0	4300	16600	18.21						
89.0	4300	15400	15.65						
102	4300	14400	13.66						
121	4300	13300	11.59						
138	4300	12400	10.13						
164	4300	11300	8.56						
178	2970	13800	7.86						

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KR107 n ₁ =1400 1/min 4300Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	5.50 ~3.00	4.00	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0
2									
210	2970	12800	6.66						
241	2970	12100	5.82						
285	2900	11300	4.92						
KR137 n ₁ =1400 1/min 8000Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	5.50 7.50	11.0 15.0	18.5 22.0	30.0 ~45.0	55.0 ~90.0	
3									
6.30	8000	53400	222.60						
7.40	8000	53400	188.45						
8.00	8000	53400	174.40						
9.00	8000	53400	156.31						
9.90	8000	53400	141.12						
11.0	8000	53400	128.18						
12.0	8000	53400	113.72						
14.0	8000	53400	103.20						
16.0	8000	53400	88.70						
17.0	8000	53400	80.91						
19.0	8000	53400	73.49						
21.0	8000	53400	65.20						
24.0	8000	53400	59.17						
28.0	8000	53400	50.86						
32.0	8000	53400	44.39						
37.0	8000	53400	37.65						
43.0	8000	53400	32.91						
50.0	7680	54100	27.83						
2									
47.0	7780	53900	29.57						
58.0	8000	49400	24.12						
64.0	8000	47100	22.00						
74.0	8000	43500	19.04						
83.0	8000	40600	16.80						
96.0	8000	37300	14.51						
109	8000	34700	12.83						
130	8000	31100	10.79						
161	7840	27600	8.71						
184	5110	39000	7.59						
219	5110	35900	6.38						
272	4600	34500	5.15						
KR147 n ₁ =1400 1/min 13000Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	5.50 ~15.0	18.5 22.0	30.0 ~45.0	55.0 ~90.0		
3									
8.60	13000	62700	163.31						
9.50	13000	62700	146.91						
12.0	13000	62700	119.86						
13.0	13000	62700	109.31						
15.0	13000	62700	94.60						

KR147 n ₁ =1400 1/min 13000Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	5.50 ~15.0	18.5 22.0	30.0 ~45.0	55.0 ~90.0		
3									
17.0	13000	62700	83.47						
19.0	13000	62700	72.09						
21.0	13000	62700	66.99						
23.0	13000	62700	61.09						
26.0	13000	62700	52.87						
30.0	13000	62700	46.65						
35.0	13000	62700	40.29						
39.0	13000	62700	35.64						
47.0	13000	62700	29.95						
58.0	11900	64700	24.19						
2									
68.0	12000	64600	20.44						
78.0	10500	67000	18.04						
90.0	13000	62700	15.64						
101	12600	63400	13.91						
117	13000	60400	11.99						
144	13000	54400	9.74						
169	13000	49900	8.26						
193	8670	58400	7.25						
238	8670	53200	5.89						
280	8670	49300	5.00						
KR167 n ₁ =1400 1/min 18000Nm									
n ₂ [1/min]	M _{2max} [Nm]	Fr [N]	i	11.0 15.0	18.5 22.0	30.0 ~45.0	55.0 ~90.0	110 132	
3									
6.10	18000	120000	229.71						
7.50	18000	120000	186.93						
9.10	18000	120000	153.07						
10.0	18000	120000	139.98						
11.0	18000	120000	121.81						
13.0	18000	120000	107.49						
15.0	18000	120000	93.19						
17.0	18000	120000	82.91						
19.0	18000	120000	73.70						
21.0	18000	120000	67.40						
24.0	18000	120000	58.65						
27.0	18000	120000	51.76						
31.0	18000	120000	44.87						
35.0	18000	120000	39.92						
41.0	18000	120000	34.41						
50.0	18000	120000	27.96						
59.0	18000	116500	23.71						
2									
30.0	7000	120000	46.00						
37.0	9000	120000	37.74						
46.0	10000	120000	30.71						
57.0	14000	120000	24.57						
64.0	13000	120000	21.85						
74.0	16000	111400	19.03						
82.0	15000	108900	16.98						
97.0	18000	93800	14.48						
117	17000	88700	11.99						
137	17000	82500	10.24						

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2. 7 KR..性能參數 / KR.. Performance Parameters

n_2 [1/min]	M_2 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.12\text{kw}$						
0.06	13300	21342	62000	1.00	KR 147 KRF77 KRF 147 KRF77	Y..63M ₁ -4 AM63 AD2
0.08	11300	18210	65700	1.15		
0.09	9920	15923	67900	1.30		
0.10	8770	14075	69400	1.50		
0.11	7640	12344	70700	1.70	KR 147 KRF77 KRF 147 KRF77	Y..63M ₁ -4 AM63 AD2
0.12	6730	11143	71600	1.95		
0.14	6030	9743	72200	2.20		
0.16	4830	8443	73100	2.70		
0.19	4180	7307	73400	3.10	KR 137 KRF77 KRF 137 KRF77	Y..63M ₁ -4 AM63 AD2
0.21	3690	6447	73700	3.50		
0.25	3180	5568	73900	4.10		
0.11	8050	12921	53300	1.00	KR 137 KRF77 KRF 137 KRF77	Y..63M ₁ -4 AM63 AD2
0.12	7250	11712	54900	1.10		
0.13	6390	10573	56400	1.25		
0.16	5020	8784	58400	1.60		
0.18	4090	7479	59400	1.95	KR 107 KRF77 KRF 107 KRF77	Y..63M ₁ -4 AM63 AD2
0.21	4060	6559	59400	1.95		
0.24	3190	5834	60200	2.50		
0.27	3160	5116	60200	2.50		
0.18	4410	7583	28800	0.95	KR 107 KRF77 KRF 107 KRF77	Y..63M ₁ -4 AM63 AD2
0.20	3690	6743	32400	1.15		
0.23	3660	5914	32500	1.15		
0.27	2820	5168	35500	1.50		
0.31	2530	4435	36100	1.70	KR 107 KRF77 KRF 107 KRF77	Y..63M ₁ -4 AM63 AD2
0.35	2260	3896	36500	1.90		
0.45	1880	3039	36900	2.30		
0.35	2470	3918	36200	1.75	KR 107 KRF77 KRF 107 KRF77	Y..63M ₁ -4 AM63 AD2
0.41	2100	3343	36700	2.00		
0.45	1910	3034	36900	2.20		
0.52	1670	2653	37100	2.60		
0.61	1430	2280	37300	3.00	KR 97 KRF57 KRF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.67	1290	2067	37400	3.30		
0.30	3050	4559	17700	1.00	KR 97 KRF57 KRF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.34	2560	4004	23700	1.15		
0.40	2270	3481	25200	1.30		
0.29	3230	4678	4840	0.95	KR 97 KRF57 KRF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.32	2980	4309	20400	1.00		
0.37	2560	3702	23700	1.15		
0.46	2080	3019	26100	1.45		
0.52	1800	2668	27100	1.65	KR 97 KRF57 KRF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.61	1480	2245	27700	2.00		
0.68	1300	2016	27900	2.30		
0.80	1190	1733	28000	2.50		
0.45	2120	3065	25900	1.40	KR 97 KRF57 KRF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.51	1880	2722	26800	1.60		
0.60	1590	2311	27500	1.90		
0.66	1430	2078	27700	2.10		
0.76	1230	1823	28000	2.40	KR 97 KRF57 KRF 97 KRF57	Y..63M ₁ -4 AM63 AD2
0.87	1070	1583	28200	2.80		
0.99	900	1396	28300	3.30		
1.10	770	1228	28400	3.90		
n_2 [1/min]	M_2 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.12\text{kw}$						
0.48	1760	2873	15200	0.90	KR 87 KRF57 KRF 87 KRF57	Y..63M ₁ -4 AM63 AD2
0.70	1300	1961	18500	1.20		
0.53	1780	2595	15000	0.85	KR 87 KRF57 KRF 87 KRF57	Y..63M ₁ -4 AM63 AD2
0.65	1430	2129	17700	1.10		
0.72	1270	1930	18600	1.20		
0.80	1120	1733	19300	1.40		
0.79	1140	1737	19200	1.35	KR 87 KRF57 KRF 87 KRF57	Y..63M ₁ -4 AM63 AD2
0.91	1000	1524	19800	1.55		
1.60	580	885	20000	2.60		
1.80	510	776	20000	3.00		
2.00	450	685	20000	3.40	KR 87 KRF57 KRF 87 KRF57	Y..63M ₁ -4 AM63 AD2
1.10	810	1303	20000	1.90		
1.20	710	1143	20000	2.20		
2.30	360	599	20000	4.30		
1.10	930	1303	8660	0.85	KR 77 KRF37 KRF 77 KRF37	Y..63M ₁ -4 AM63 AD1
1.20	795	1124	10100	1.05		
1.30	740	1047	10600	1.10		
1.50	635	915	11300	1.30		
1.10	820	1218	9910	1.00	KR 77 KRF37 KRF 77 KRF37	Y..63M ₁ -4 AM63 AD2
1.30	740	1084	10600	1.10		
1.50	660	940	11200	1.25		
1.70	520	821	12000	1.55		
1.90	475	731	12200	1.70	KR 77 KRF37 KRF 77 KRF37	Y..63M ₁ -4 AM63 AD2
2.10	455	646	12300	1.80		
2.60	375	520	12600	2.20		
3.10	320	451	12700	2.50		
3.30	300	422	12800	2.70	KR 77 KRF37 KRF 77 KRF37	Y..63M ₁ -4 AM63 AD2
3.80	255	365	12900	3.20		
1.60	625	891	7190	0.95	KR 67 KRF37 KRF 67 KRF37	Y..63M ₁ -4 AM63 AD2
1.90	505	730	8530	1.20		
2.10	440	644	9060	1.35		
2.40	385	571	9430	1.55		
2.80	320	486	9790	1.85	KR 67 KRF37 KRF 67 KRF37	Y..63M ₁ -4 AM63 AD2
1.60	590	836	7670	1.00		
1.80	490	750	8630	1.20		
2.10	440	646	9050	1.35		
2.40	400	574	9330	1.50	KR 67 KRF37 KRF 67 KRF37	Y..63M ₁ -4 AM63 AD2
2.80	345	495	9660	1.75		
3.20	285	438	9940	2.10		
1.80	550	782	4650	0.80	KR 57 KRF37 KRF 57 KRF37	Y..63M ₁ -4 AM63 AD2
2.00	455	678	7070	1.00		
2.30	410	604	7260	1.10		
2.60	370	537	7400	1.20		

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n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.12kw						
2.90	325	471	7550	1.35	KR KRF	57 KRF37 Y..63M ₁ -4 AM63 AD2
3.90	240	357	7760	1.85		
4.30	215	319	7820	2.10		
3.80	255	359	7730	1.75		
4.30	230	324	7790	1.95	KR KRF	57 KRF37 Y..63M ₁ -4 AM63 AD2
4.80	200	290	7840	2.20		
5.30	185	262	7880	2.40		
5.60	170	246	7900	2.60		
6.30	150	220	7930	3.00	KR KRF	47 KRF37 Y..63M ₁ -4 AM63 AD2
2.70	340	510	4360	0.85		
3.20	285	436	5480	1.05		
3.40	265	408	5590	1.10		
4.00	215	344	5780	1.35	KR KRF	47 KRF37 Y..63M ₁ -4 AM63 AD2
2.80	365	502	3020	0.80		
3.20	310	429	5350	0.95		
3.70	265	372	5580	1.10		
4.00	245	348	5670	1.20	KR KRF	47 KRF37 Y..63M ₁ -4 AM63 AD2
4.60	210	301	5810	1.40		
5.40	177	255	5920	1.70		
6.00	156	228	5980	1.95		
7.10	130	195	6040	2.30	KR KRF	67 Y..63M ₁ -4 AM63 AD2
6.90	166	199.81	10300	3.60		
7.50	153	184.07	10400	3.90		
7.40	155	186.89	7920	2.90		
8.00	143	172.17	7940	3.20	KR KRF	57 Y..63M ₁ -4 AM63 AD2
9.30	123	147.92	7960	3.70		
11.0	107	128.77	7980	4.20		
7.80	147	176.88	6000	2.00		
8.50	135	162.94	6030	2.20	KR KRF	47 Y..63M ₁ -4 AM63 AD2
9.90	116	139.99	6070	2.60		
11.0	101	121.87	6100	3.00		
12.0	95	114.17	6100	3.20		
14.0	84	100.86	6120	3.60	KR KRF	37 Y..63M ₁ -4 AM63 AD1
15.0	78	93.68	6130	3.90		
10.0	112	134.82	5750	1.80		
11.0	103	123.66	5800	1.95		
13.0	87	105.28	5880	2.30	KR KRF	27 Y..63M ₁ -4 AM63 AD1
15.0	75	90.77	5930	2.60		
16.0	70	84.61	5950	2.80		
19.0	61	73.96	5980	3.30		
10.0	112	135.09	4310	1.15	KR KRF	27 Y..63M ₁ -4 AM63 AD1
11.0	103	123.91	4340	1.25		
13.0	88	105.49	4390	1.50		
15.0	76	90.96	4420	1.70		
16.0	70	84.78	4440	1.85	KR KRF	137 KRF77 Y..63M ₁ -4 AM63 AD2
19.0	62	74.11	4460	2.10		
20.0	58	69.47	4460	2.20		
23.0	51	61.30	4400	2.60		
25.0	46	55.87	4280	2.80	KR KRF	137 KRF77 Y..63M ₁ -4 AM63 AD2
29.0	40	48.17	4090	3.20		
31.0	37	44.90	4000	3.50		

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =0.12kw							
17.0	68	81.64	2500	1.25	KR KRF	17	Y..63M ₁ -4 AM63 -
20.0	58	70.39	2500	1.45			
21.0	54	65.61	2500	1.55			
24.0	48	57.35	2500	1.80			
26.0	45	53.76	2500	1.90			
29.0	39	47.44	2500	2.20			
31.0	37	44.18	2500	2.30			
36.0	32	38.61	2430	2.60			
38.0	30	36.20	2390	2.80			
43.0	26	31.94	2310	3.20			
49.0	24	28.32	2230	3.60			
57.0	20	24.07	2130	4.20			
227	5	6.07	4260	8.60	KRX KRXF	67	Y..63M ₁ -4 AM63 AD2
267	4.3	5.18	4050	17.0			
305	3.8	4.53	3870	22.0			
321	3.6	4.30	3810	22.0			
251	4.6	5.50	3360	8.50	KRX KRXF	57	Y..63M ₁ -4 AM63 AD2
272	4.2	5.07	3270	8.60			
317	3.6	4.35	3120	19.0			
364	3.1	3.79	2980	22.0			
389	2.9	3.55	2910	24.0	KRX KRXF	57	Y..63M ₁ -4 AM63 AD2
440	2.6	3.14	2800	25.0			
474	2.4	2.91	2730	28.0			
523	2.2	2.64	2640	31.0			
582	2	2.37	2550	34.0	KRX KRXF	57	Y..63M ₁ -4 AM63 AD3
676	1.7	2.04	2430	41.0			
719	1.6	1.92	2380	43.0			
835	1.4	1.65	2260	49.0			
P ₁ =0.18kw							
0.09	14900	14075	50900	0.85	KR KRF	147 KRF77	Y..63M ₁ -4 AM63 AD2
0.11	13000	12344	62500	1.00			
0.12	11600	11143	65200	1.10			
0.14	10300	9743	67300	1.25			
0.16	8550	8443	69700	1.50	KR KRF	147 KRF77	Y..63M ₁ -4 AM63 AD2
0.18	7400	7307	70900	1.75			
0.20	6530	6447	71800	2.00			
0.24	5640	5568	72500	2.30			
0.27	5140	4926	72800	2.50	KR KRF	147 KRF77	Y..63M ₁ -4 AM63 AD2
0.31	4420	4325	73300	2.90			
0.35	3920	3754	73600	3.30			
0.40	3370	3302	73800	3.80			
0.28	5060	4709	58300	1.60	KR KRF	137 KRF77	Y..63M ₁ -4 AM63 AD2
0.33	4320	4018	59200	1.85			
0.38	3770	3514	59700	2.10			
0.40	3580	3338	59900	2.20			
0.45	3140	2929	60200	2.50	KR KRF	137 KRF77	Y..63M ₁ -4 AM63 AD2
0.15	8900	8784	50100	0.90			
0.18	7390	7479	54600	1.10			
0.20	6950	6559	55500	1.15			

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n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =0.18kw						
0.23	5760	5834	57400	1.40	KR 137 KRF77	Y..63M _i -4 AM63 AD2
0.26	5420	5116	57900	1.50	KRF 137 KRF77	
0.30	4520	4464	59000	1.75	KR 137 KRF77	Y..63M _i -4 AM63 AD2
0.34	3980	3928	59500	2.00	KRF 137 KRF77	
0.30	4490	4435	28400	0.95	KR 107 KRF77	Y..63M _i -4 AM63 AD2
0.34	3980	3896	31100	1.10	KRF 107 KRF77	
0.43	3220	3039	34200	1.35	KR 107 KRF77	Y..63M _i -4 AM63 AD2
0.34	4210	3918	29900	1.00	KR 107 KRF77	Y..63M _i -4 AM63 AD2
0.39	3590	3343	32800	1.20	KRF 107 KRF77	
0.44	3260	3034	34100	1.30	KR 107 KRF77	Y..63M _i -4 AM63 AD2
0.50	2850	2653	35400	1.50	KRF 107 KRF77	
0.58	2450	2280	36200	1.75	KR 107 KRF77	Y..63M _i -4 AM63 AD2
0.64	2210	2067	36500	1.95	KRF 107 KRF77	
0.66	2100	1987	36700	2.00	KR 107 KRF77	Y..63M _i -4 AM63 AD3
0.72	1870	1827	36900	2.30	KRF 107 KRF77	
0.83	1590	1599	37200	2.70	KR 107 KRF77	Y..63M _i -4 AM63 AD3
0.94	1430	1400	37300	3.00	KRF 107 KRF77	
1.10	1220	1226	37400	3.50	KR 107 KRF77	Y..63M _i -4 AM63 AD3
0.49	2990	2668	20000	1.00	KR 97 KRF57	Y..63M _i -4 AM63 AD2
0.59	2480	2245	24200	1.20	KRF 97 KRF57	
0.65	2200	2016	25500	1.35	KR 97 KRF57	Y..63M _i -4 AM63 AD2
0.76	1960	1733	26500	1.50	KRF 97 KRF57	
0.81	1840	1623	27000	1.65	KR 97 KRF57	Y..63M _i -4 AM63 AD2
0.92	1610	1434	27500	1.85	KRF 97 KRF57	
1.10	1330	1207	27900	2.20	KR 97 KRF57	Y..63M _i -4 AM63 AD2
1.20	1180	1084	28000	2.50	KRF 97 KRF57	
1.40	1000	934	28200	3.00	KR 97 KRF57	Y..63M _i -4 AM63 AD2
1.50	930	878	28300	3.20	KRF 97 KRF57	
1.80	790	755	28400	3.80	KR 97 KRF57	Y..63M _i -4 AM63 AD2
0.49	3090	2722	15900	0.95	KR 97 KRF57	Y..63M _i -4 AM63 AD2
0.57	2620	2311	23400	1.15	KRF 97 KRF57	
0.64	2350	2078	24800	1.25	KR 97 KRF57	Y..63M _i -4 AM63 AD2
0.89	1690	1489	15900	0.90	KR 87 KRF57	Y..63M _i -4 AM63 AD2
0.95	1580	1395	16700	1.00	KRF 87 KRF57	
1.10	1380	1232	18000	1.10	KR 87 KRF57	Y..63M _i -4 AM63 AD2
1.20	1270	1145	18600	1.20	KRF 87 KRF57	
1.30	1140	1037	19200	1.35	KR 87 KRF57	Y..63M _i -4 AM63 AD2
1.40	1010	931	19800	1.50	KRF 87 KRF57	
1.60	860	802	20000	1.80	KR 87 KRF57	Y..63M _i -4 AM63 AD2
0.87	1680	1524	15900	0.90	KR 87 KRF57	Y..63M _i -4 AM63 AD2
1.00	1390	1303	17900	1.10	KRF 87 KRF57	
1.20	1220	1143	18900	1.25	KR 87 KRF57	Y..63M _i -4 AM63 AD3

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =0.18kw						
1.50	970	885	19900	1.60	KR 87 KRF57	Y..63M _i -4 AM63 AD2
1.70	850	776	20000	1.80	KRF 87 KRF57	
1.50	970	858	5830	0.85	KR 77 KRF37	Y..63M _i -4 AM63 AD2
1.70	850	757	9590	0.95	KRF 77 KRF37	
2.00	750	671	10500	1.10	KR 77 KRF37	Y..63M _i -4 AM63 AD2
2.30	630	571	11400	1.30	KRF 77 KRF37	
1.60	880	821	9230	0.90	KR 77 KRF37	Y..63M _i -4 AM63 AD2
1.80	800	731	10100	1.00	KRF 77 KRF37	
2.00	745	646	10500	1.10	KR 77 KRF37	Y..63M _i -4 AM63 AD2
2.40	645	560	11300	1.25	KRF 77 KRF37	
2.70	550	488	11800	1.50	KR 77 KRF37	Y..63M _i -4 AM63 AD2
3.00	485	436	12100	1.70	KRF 77 KRF37	
3.50	420	373	12400	1.95	KR 77 KRF37	Y..63M _i -4 AM63 AD2
4.00	365	327	12600	2.20	KRF 77 KRF37	
4.60	325	289	12700	2.50	KR 77 KRF37	Y..63M _i -4 AM63 AD2
2.30	635	571	7060	0.95	KR 67 KRF37	Y..63M _i -4 AM63 AD2
2.70	535	486	8250	1.10	KRF 67 KRF37	
2.30	655	574	5820	0.90	KR 67 KRF37	Y..63M _i -4 AM63 AD2
2.70	565	495	7950	1.05	KRF 67 KRF37	
3.00	480	438	8740	1.25	KR 67 KRF37	Y..63M _i -4 AM63 AD2
3.40	425	388	9160	1.40	KRF 67 KRF37	
3.80	390	344	9380	1.55	KR 67 KRF37	Y..63M _i -4 AM63 AD2
4.50	315	294	9800	1.90	KRF 67 KRF37	
5.10	290	261	9920	2.10	KR 67 KRF37	Y..63M _i -4 AM63 AD2
2.90	500	454	6650	0.90	KR 57 KRF37	Y..63M _i -4 AM63 AD2
3.20	450	410	7090	1.00	KRF 57 KRF37	
2.80	535	471	5250	0.85	KR 57 KRF37	Y..63M _i -4 AM63 AD2
3.70	400	357	7300	1.10	KRF 57 KRF37	
4.10	355	319	7460	1.25	KR 57 KRF37	Y..63M _i -4 AM63 AD2
4.80	300	273	7630	1.50	KRF 57 KRF37	
5.50	260	241	7730	1.75	KR 57 KRF37	Y..63M _i -4 AM63 AD2
6.10	230	215	7790	1.95	KRF 57 KRF37	
3.70	420	359	7230	1.05	KR 57 KRF37	Y..63M _i -4 AM63 AD2
4.10	375	324	7380	1.20	KRF 57 KRF37	
4.60	335	290	7530	1.35	KR 57 KRF37	Y..63M _i -4 AM63 AD2
5.00	300	262	7620	1.50	KRF 57 KRF37	
5.40	280	246	7680	1.60	KR 57 KRF37	Y..63M _i -4 AM63 AD2
6.00	245	220	7750	1.80	KRF 57 KRF37	
7.00	210	188	7830	2.10	KR 57 KRF37	Y..63M _i -4 AM63 AD2
8.30	177	159	7890	2.60	KRF 57 KRF37	
4.40	345	301	4150	0.85	KR 47 KRF37	Y..63M _i -4 AM63 AD2
5.20	290	255	5460	1.05	KRF 47 KRF37	
5.80	255	228	5620	1.15	KR 47 KRF37	Y..63M _i -4 AM63 AD2
6.80	215	195	5790	1.40	KRF 47 KRF37	
4.50	385	195.24	12500	2.10	KR 77	Y..71M _i -6 AM71 AD2
5.20	325	166.59	12700	2.50	KRF 77	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.18kw						
6.00	285	145.67	12800	2.80	KR 77	Y..71M ₁ -6
6.30	270	138.39	12900	3.00	KRF 77	AM71
7.20	235	121.42	12900	3.40		AD2
6.80	250	195.24	12900	3.20	KR 77	Y..63M ₁ -4
7.90	215	166.59	13000	3.80	KRF 77	AM63
9.10	190	145.67	13000	4.30		AD2
9.50	180	138.39	13000	4.60		
4.40	390	199.81	9370	1.50	KR 67	Y..71M ₁ -6
4.70	360	184.07	9560	1.65	KRF 67	AM71
5.50	310	158.14	9830	1.90		AD2
6.30	270	137.67	10000	2.20	KR 67	Y..71M ₁ -6
6.80	250	128.97	10100	2.40	KRF 67	AM71
7.60	225	113.94	10200	2.70		AD2
8.20	205	105.83	10200	2.90		
9.10	190	95.91	10300	3.20		
10.0	170	86.11	10300	3.50		
12.0	146	74.17	10400	4.10		
12.0	138	69.75	10400	4.40		
6.60	260	199.81	10100	2.30	KR 67	Y..63M ₁ -4
7.20	235	184.07	10100	2.50	KRF 67	AM63
8.40	205	158.14	10200	2.90		AD2
9.60	179	137.67	10300	3.40		
10.0	168	128.97	10300	3.60		
12.0	148	113.94	10400	4.00		
12.0	138	105.83	10400	4.40		
4.70	365	186.89	7420	1.20	KR 57	Y..71M ₁ -6
5.00	340	172.17	7510	1.30	KRF 57	AM71
5.90	290	147.92	7650	1.55		AD2
6.80	250	128.77	7740	1.75	KR 57	Y..71M ₁ -6
7.20	235	120.63	7780	1.90	KRF 57	AM71
						AD2
7.10	240	186.89	7770	1.85	KR 57	Y..63M ₁ -4
7.70	220	172.17	7810	2.00	KRF 57	AM63
8.90	193	147.92	7860	2.30		AD2
10.0	168	128.77	7900	2.70		
11.0	157	120.63	7920	2.90		
12.0	139	106.58	7940	3.20		
13.0	129	98.99	7950	3.50		
15.0	117	89.71	7970	3.80		
7.50	230	176.88	5740	1.30	KR 47	Y..63M ₁ -4
8.10	210	162.94	5810	1.40	KRF 47	AM63
9.40	182	139.99	5910	1.65		AD2
11.0	159	121.87	5980	1.90		
12.0	149	114.17	6000	2.00		
13.0	131	100.86	6040	2.30		
14.0	122	93.68	6060	2.50		
16.0	111	84.9	6080	2.70		
17.0	99	76.23	6100	3.00		
7.00	240	123.66	3060	0.80	KR 37	Y..71M ₁ -6
8.30	205	105.28	4840	0.95	KRF 37	AM71
9.60	179	90.77	5190	1.10		AD1

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.18kw						
10.0	167	84.61	5310	1.20	KR 37	Y..71M ₁ -6
					KRF 37	AM71
						AD1
9.80	176	134.82	5230	1.15	KR 37	Y..63M ₁ -4
11.0	161	123.66	5370	1.25	KRF 37	AM63
13.0	137	105.28	5580	1.45		AD1
15.0	118	90.77	5710	1.70		
16.0	110	84.61	5760	1.80		
18.0	96	73.96	5840	2.10		
19.0	90	69.33	5870	2.20		
22.0	80	61.18	5920	2.50		
24.0	73	55.76	5940	2.80		
27.0	63	48.08	5960	3.20	KR 37	Y..63M ₁ -4
					KRF 37	AM63
						AD2
11.0	161	123.91	4070	0.80	KR 27	Y..63M ₁ -4
13.0	137	105.49	4200	0.95	KRF 27	AM63
15.0	118	90.96	4280	1.10		AD1
16.0	110	84.78	4320	1.20		
18.0	96	74.11	4360	1.35		
19.0	90	69.47	4380	1.45		
22.0	80	61.30	4320	1.65		
24.0	73	55.87	4210	1.80		
27.0	63	48.17	4040	2.10		
29.0	58	44.90	3960	2.20		
34.0	51	39.25	3810	2.50		
36.0	48	36.79	3740	2.70		
41.0	42	32.47	3610	3.10		
46.0	38	28.78	3480	3.50		
54.0	32	24.47	3310	4.10		
47.0	37	28.37	3460	3.50	KR 27	Y..63M ₁ -4
51.0	34	26.09	3380	3.80	KRF 27	AM63
59.0	29	22.32	3220	4.50		AD2
68.0	25	19.35	3090	5.20		
73.0	24	18.08	3020	5.50		
84.0	20	15.63	2890	6.40		
99.0	17	13.28	2750	7.50		
16.0	106	81.64	47	0.80	KR 17	Y..63M ₁ -4
19.0	92	70.39	1330	0.95	KRF 17	AM63
						-
20.0	85	65.61	1740	1.00	KR 17	Y..63M ₁ -4
23.0	75	57.35	2350	1.15	KRF 17	AM63
						-
25.0	70	53.76	2500	1.20	KR 17	Y..63M ₁ -4
28.0	62	47.44	2450	1.40	KRF 17	AM63
30.0	58	44.18	2410	1.50		-
34.0	50	38.61	2340	1.70		
36.0	47	36.20	2300	1.80		
41.0	42	31.94	2240	2.00		
47.0	37	28.32	2170	2.30		
55.0	31	24.07	2080	2.70		

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n _z [1/min]	M _z [Nm]	i	Fr [N]	K	Frame size		Input Configuration
Pr=0.18kw							
52.0	33	25.23	2110	2.60	KR KRF	17	Y..63M-4
57.0	30	23.15	2060	2.80		AM63	
67.0	26	19.71	1970	3.30		-	
78.0	22	16.99	1890	3.80		-	
143	12	6.07	4940	3.60	KRX KRXF	67	Y..71M-6
168	10	5.18	4690	7.40		AM71	
192	8.9	4.53	4490	9.20		AD2	
202	8.5	4.30	4410	9.40		-	
218	7.9	6.07	4310	5.40	KRX KRXF	67	Y..63M-4
255	6.7	5.18	4090	11.0		AM63	
292	5.9	4.53	3920	14.0		AD2	
307	5.6	4.30	3850	14.0		-	
350	4.9	3.77	3690	18.0		-	
412	4.2	3.20	3500	24.0	KRX KRXF	67	Y..63M-4
457	3.8	2.89	3380	28.0		AM63	
519	3.3	2.54	3240	36.0		AD3	
550	3.1	2.40	3180	40.0		-	
646	2.7	2.04	3020	50.0		-	
158	11	5.50	3880	3.60	KRX KRXF	57	Y..71M-6
172	10	5.07	3780	3.60		AM71	
200	8.6	4.35	3600	7.90		AD2	
230	7.5	3.79	3440	9.20		-	
240	7.2	5.50	3400	5.40	KRX KRXF	57	Y..63M-4
261	6.6	5.07	3310	5.40		AM63 AD2	
303	5.7	4.35	3150	12.0	KRX KRXF	57	Y..63M-4
348	4.9	3.79	3010	14.0		AM63	
372	4.6	3.55	2940	15.0		AD2	
421	4.1	3.14	2830	16.0		-	
453	3.8	2.91	2760	18.0		-	
500	3.4	2.64	2670	20.0		-	
557	3.1	2.37	2580	22.0	KRX KRXF	57	Y..63M-4
647	2.7	2.04	2460	26.0		AM63	
688	2.5	1.92	2410	28.0		AD3	
799	2.2	1.65	2290	31.0		-	
Pr=0.25kw							
0.13	15100	9743	48200	0.85	KR KRF	147 KRF77	Y..71M-4
0.15	12700	8443	63100	1.00		147 KRF77	AM71
0.18	11000	7307	66200	1.20		AD2	
0.20	9740	6447	68100	1.35		-	
0.23	8410	5568	69800	1.55		-	
0.26	7590	4926	70700	1.70		-	
0.30	6570	4325	71700	2.00		-	
0.35	5790	3754	72400	2.20		-	
0.39	5020	3302	72900	2.60		-	
0.45	4370	2898	73300	3.00		-	
0.22	8660	5834	51100	0.90	KR KRF	137 KRF77	Y..71M-4
0.25	7960	5116	53500	1.00		137 KRF77	AM71
0.29	6740	4464	55800	1.20		AD2	
0.33	5930	3928	57100	1.35		-	

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P_L=0.25kw						
0.28	7430	4709	54600	1.10	KR 137 KRF77 KRF 137 KRF77	Y..71M _L -4
0.32	6340	4018	56500	1.25		AM71
0.37	5540	3514	57700	1.45		AD2
0.39	5260	3338	58100	1.50		-
0.44	4620	2929	58900	1.75		-
0.49	4180	2658	59300	1.90	KR 137 KRF77 KRF 137 KRF77	Y..71M _L -4
0.54	3800	2412	59700	2.10		AM71
0.63	3260	2073	60100	2.40	KR 137 KRF77 KRF 137 KRF77	Y..71M _L -4
0.71	2810	1839	60500	2.80		AM71
0.93	2180	1397	60800	3.70		AD3
1.10	1880	1226	61000	4.20		-
0.43	4730	3039	25600	0.90	KR 107 KRF77 KRF 107 KRF77	Y..71M _L -4
0.43	4780	3034	23600	0.90		AM71
0.65	3100	1987	34600	1.40	KR 107 KRF77 KRF 107 KRF77	Y..71M _L -4
0.71	2790	1827	35600	1.55		AM71
0.81	2400	1599	36300	1.80		AD3
0.93	2140	1400	36600	2.00		-
1.10	1840	1226	36900	2.30		-
1.40	1430	939	37300	3.00		-
1.60	1230	822	37400	3.50		-
0.75	2840	1733	22000	1.05	KR 97 KRF57 KRF 97 KRF57	Y..71M _L -4
0.80	2650	1623	23200	1.15		AM71
0.71	2960	1823	21100	1.00	KR 97 KRF57 KRF 97 KRF57	Y..71M _L -4
0.82	2570	1583	23700	1.15		AM71
0.93	2230	1396	25400	1.35		AD2
1.10	1940	1228	26600	1.55		-
1.20	1750	1069	27300	1.70		-
1.40	1520	938	27600	1.95		-
2.10	990	632	28200	3.00		-
1.60	1300	824	27900	2.30	KR 97 KRF57 KRF 97 KRF57	Y..71M _L -4
1.80	1160	737	28100	2.60		AM71
1.10	1850	1145	10700	0.85	KR 87 KRF57 KRF 87 KRF57	Y..71M _L -4
1.20	1660	1037	16000	0.95		AM71
1.40	1480	931	17400	1.05		AD2
1.60	1260	802	18600	1.20		-
1.10	1790	1143	14700	0.85	KR 87 KRF57 KRF 87 KRF57	Y..71M _L -4
1.50	1420	885	17800	1.10		AM71
1.70	1240	776	18700	1.25		AD3
1.90	1100	685	19400	1.40		-
2.20	920	599	20000	1.65		-
2.50	810	525	20000	1.90		-
2.80	715	456	20000	2.20		-
4.90	415	268	20000	3.70		-

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n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =0.25kw						
2.30	910	571	8910	0.90	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
2.30	920	560	8780	0.90	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
2.70	795	488	10100	1.05	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
3.00	705	436	10900	1.15	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
3.50	605	373	11500	1.35	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
4.00	530	327	11900	1.55	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
4.50	470	289	12200	1.75	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
5.00	420	260	12400	1.95	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
5.80	355	224	12600	2.30	KR 77 KRF 77 KRF37	Y..71M _i -4 AM71 AD2
3.40	620	388	7290	0.95	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
3.80	565	344	7950	1.05	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
4.40	465	294	8870	1.30	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
5.00	420	261	9180	1.40	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
5.60	380	234	9460	1.60	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
6.50	320	200	9780	1.85	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
7.40	275	176	9980	2.20	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
8.20	250	158	10100	2.40	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
3.40	640	384	6960	0.95	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
3.60	600	359	7550	1.00	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
4.20	515	310	8430	1.15	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
4.90	435	264	9100	1.40	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
5.50	385	235	9420	1.55	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
6.50	325	201	9750	1.85	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
7.20	295	181	9900	2.00	KR 67 KRF 67 KRF37	Y..71M _i -4 AM71 AD2
4.10	515	319	6050	0.85	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
4.80	435	273	7160	1.05	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
5.40	380	241	7380	1.20	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
6.00	340	215	7510	1.30	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
7.00	300	187	7630	1.50	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
7.90	260	164	7730	1.75	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
9.20	225	142	7800	2.00	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
4.00	540	324	4980	0.85	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
4.50	480	290	6950	0.95	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
5.00	435	262	7160	1.05	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
5.30	405	246	7280	1.10	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
5.90	360	220	7440	1.25	KR 57 KRF 57 KRF37	Y..71M _i -4 AM71 AD2
5.70	370	228	2440	0.80	KR 47 KRF 47 KRF37	Y..71M _i -4 AM71 AD2
6.70	315	195	5320	0.95	KR 47 KRF 47 KRF37	Y..71M _i -4 AM71 AD2
7.10	295	182	5440	1.00	KR 47 KRF 47 KRF37	Y..71M _i -4 AM71 AD2
8.50	245	154	5680	1.20	KR 47 KRF 47 KRF37	Y..71M _i -4 AM71 AD2
4.60	520	195.24	12000	1.55	KR 77 K 77 K	Y..71M _i -6 AM71 AD2
5.40	440	166.59	12300	1.85	KR 77 K 77 K	Y..71M _i -6 AM71 AD2
6.10	385	145.67	12500	2.10	KR 77 K 77 K	Y..71M _i -6 AM71 AD2
6.70	355	195.24	12600	2.30	KR 77 K 77 K	Y..71M _i -4 AM71 AD2
7.80	305	166.59	12800	2.70	KR 77 K 77 K	Y..71M _i -4 AM71 AD2
8.90	265	145.67	12900	3.10	KR 77 K 77 K	Y..71M _i -4 AM71 AD2

n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =0.25kw						
9.40	250	138.39	12900	3.20	KR 77 KRF 77	Y..71M _i -4 AM71 AD2
11.0	220	121.42	13000	3.70	KR 77 KRF 77	Y..71M _i -4 AM71 AD2
4.50	530	199.81	8280	1.15	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
4.90	490	184.07	8660	1.20	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
5.70	420	158.14	9190	1.40	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
6.50	365	137.67	9540	1.65	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
6.90	340	128.97	9670	1.75	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
7.80	300	113.94	9870	1.95	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
8.50	280	105.83	9960	2.10	KR 67 KRF 67	Y..71M _i -6 AM71 AD2
6.50	365	199.81	9540	1.65	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
7.10	335	184.07	9700	1.80	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
8.20	290	158.14	9930	2.10	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
9.40	250	137.67	10100	2.40	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
10.0	235	128.97	10100	2.50	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
11.0	205	113.94	10200	2.90	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
12.0	194	105.83	10300	3.10	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
14.0	176	95.91	10300	3.40	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
15.0	158	86.11	10400	3.80	KR 67 KRF 67	Y..71M _i -4 AM71 AD2
4.80	495	186.89	6760	0.90	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
5.20	455	172.17	7060	1.00	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
6.00	390	147.92	7330	1.15	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
7.00	340	128.77	7500	1.30	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
7.40	320	120.63	7570	1.40	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
8.40	280	106.58	7670	1.60	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
9.00	260	98.99	7720	1.70	KR 57 KRF 57	Y..71M _i -6 AM71 AD2
7.00	340	186.89	7500	1.30	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
7.60	315	172.17	7580	1.40	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
8.80	270	147.92	7700	1.65	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
10.0	235	128.77	7780	1.90	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
11.0	220	120.63	7810	2.00	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
12.0	196	106.58	7860	2.30	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
13.0	182	98.99	7880	2.50	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
14.0	165	89.71	7910	2.70	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
16.0	148	80.55	7930	3.00	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
19.0	127	69.23	7960	3.50	KR 57 KRF 57	Y..71M _i -4 AM71 AD2
7.40	320	176.88	5280	0.90	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
8.00	295	162.94	5420	1.00	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
9.30	255	139.99	5630	1.15	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
11.0	220	121.87	5770	1.35	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
11.0	205	114.17	5820	1.45	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
13.0	185	100.86	5900	1.60	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
14.0	172	93.68	5940	1.75	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
15.0	156	84.9	5980	1.90	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
17.0	140	76.23	6020	2.10	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
19.0	126	68.54	6050	2.40	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
20.0	118	64.21	6070	2.50	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
23.0	104	56.73	6090	2.90	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
25.0	97	52.69	6100	3.10	KR 47 KRF 47	Y..71M _i -4 AM71 AD2
27.0	88	47.75	6080	3.40	KR 47 KRF 47	Y..71M _i -4 AM71 AD2

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n [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =0.25kw						
9.60	245	134.82	2630	0.80	KR KRF 37	Y..71M _i -4 AM71 AD1
11.0	225	123.66	4560	0.90		
12.0	193	105.28	5030	1.05		
14.0	167	90.77	5320	1.20		
15.0	155	84.61	5420	1.30		
18.0	136	73.96	5580	1.45		
19.0	127	69.33	5650	1.55		
21.0	112	61.18	5750	1.80		
23.0	102	55.76	5800	1.95		
27.0	88	48.08	5870	2.30	KR KRF 37	Y..71M _i -4 AM71 AD2
29.0	82	44.81	5760	2.40		
33.0	72	39.17	5540	2.80		
35.0	67	36.72	5430	3.00		
40.0	60	32.4	5230	3.40	KR KRF 27	Y..71M _i -4 AM71 AD1
15.0	156	84.78	4100	0.85		
18.0	136	74.11	4210	0.95		
19.0	128	69.47	4240	1.00		
21.0	113	61.30	4180	1.15		
23.0	103	55.87	4090	1.25		
27.0	88	48.17	3940	1.45		
29.0	82	44.90	3870	1.60		
33.0	72	39.25	3730	1.80		
35.0	68	36.79	3660	1.90		
40.0	60	32.47	3540	2.20	KR KRF 27	Y..71M _i -4 AM71 AD1
45.0	53	28.78	3420	2.50		
53.0	45	24.47	3270	2.90		
46.0	52	28.37	3410	2.50		
50.0	48	26.09	3330	2.70		
58.0	41	22.32	3180	3.20		
67.0	36	19.35	3050	3.70		
72.0	33	18.08	2990	3.90		
83.0	29	15.63	2860	4.50		
98.0	24	13.28	2730	5.30		
110	22	11.86	2630	5.90	KR KRF 27	Y..71M _i -4 AM71 AD2
128	19	10.13	2510	6.60		
138	17	9.41	2440	7.00		
159	15	8.16	2330	7.70		
170	14	7.63	2280	8.00		
197	12	6.59	2180	8.80		
232	10	5.60	2080	9.60		
260	9.2	5.00	2000	10.0		
304	7.8	4.27	1900	11.0		
325	7.3	4.00	1870	12.0		
386	6.2	3.37	1770	13.0	KR KRF 17	Y..71M _i -4 AM71 -
23.0	105	57.35	156	0.80		
24.0	99	53.76	785	0.85		
27.0	87	47.44	1630	1.00		
29.0	81	44.18	2000	1.05		
34.0	71	38.61	2200	1.20		
36.0	66	36.20	2180	1.30		
41.0	59	31.94	2120	1.45		

n [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P _i =0.25kw							
46.0	52	28.32	2070	1.65	KR	17	Y..71M _i -4 AM71 -
54.0	44	24.07	2000	1.90	KRF	17	
52.0	46	25.23	2020	1.85	KR KRF	17 17	Y..71M _i -4 AM71 -
56.0	42	23.15	1980	2.00			
66.0	36	19.71	1910	2.40			
77.0	31	16.99	1840	2.70			
82.0	29	15.84	1810	2.90			
94.0	25	13.84	1740	3.40			
100	24	12.98	1720	3.60			
114	21	11.45	1660	3.90			
148	16	6.07	4860	2.60	KRX KRXF	67 67	Y..71M _i -6 AM71 AD2
173	14	5.18	4620	5.40			
198	12	4.53	4420	6.80			
208	12	4.30	4350	7.00			
214	11	6.07	4310	3.90	KRX KRXF	67 67	Y..71M _i -4 AM71 AD2
251	9.5	5.18	4100	7.90			
287	8.3	4.53	3920	9.90			
302	7.9	4.30	3860	10.0			
345	6.9	3.77	3700	13.0			
406	5.9	3.20	3500	17.0	KRX KRXF	67 67	Y..71M _i -4 AM71 AD3
450	5.3	2.89	3390	20.0			
511	4.7	2.54	3250	25.0			
542	4.4	2.40	3190	28.0			
636	3.8	2.04	3020	35.0			
163	15	5.50	3820	2.60	KRX KRXF	57 57	Y..71M _i -6 AM71 AD2
177	14	5.07	3720	2.70			
206	12	4.35	3540	5.90			
236	10	3.79	3390	6.80			
236	10	5.50	3390	3.90	KRX KRXF	57 57	Y..71M _i -4 AM71 AD2
257	9.3	5.07	3300	3.90			
299	8	4.35	3150	8.50			
343	7	3.79	3010	9.90			
366	6.5	3.55	2950	11.0			
414	5.8	3.14	2830	11.0			
446	5.3	2.91	2760	13.0			
492	4.8	2.64	2680	14.0			
548	4.4	2.37	2580	16.0	KRX KRXF	57 57	Y..71M _i -4 AM71 AD3
637	3.7	2.04	2460	19.0			
677	3.5	1.92	2410	20.0			
787	3	1.65	2300	23.0			
P _i =0.37kw							
0.19	15900	7307	37500	0.80	KR KRF	147 KRF77 147 KRF77	Y..71M _i -4 AM71 AD2
0.21	14000	6447	60400	0.90			
0.25	12100	5568	64300	1.05			
0.28	10900	4926	66400	1.20			
0.32	9470	4325	68500	1.35	KR KRF	147 KRF77 147 KRF77	Y..71M _i -4 AM71 AD2
0.37	8310	3754	70000	1.55			
0.42	7230	3302	71100	1.80			

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n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.37kw						
0.48	6320	2898	71900	2.10	KR 147 KRF77 KRF 147 KRF77	Y..71M ₁ -4 AM71 AD2
0.31	9730	4464	36000	0.80	KR 137 KRF77 KRF 137 KRF77	Y..71M ₁ -4 AM71 AD2
0.35	8570	3928	51500	0.95		
0.34	9080	4018	48100	0.90	KR 137 KRF77 KRF 137 KRF77	Y..71M ₁ -4 AM71 AD2
0.39	7940	3514	53500	1.00		
0.41	7540	3338	54300	1.05		
0.47	6610	2929	56000	1.20		
0.56	5600	2484	57600	1.45		
0.62	5020	2242	58400	1.60		
0.52	5990	2658	57000	1.35	KR 137 KRF77 KRF 137 KRF77	Y..71M ₁ -4 AM71 AD3
0.57	5440	2412	57800	1.45		
0.67	4670	2073	58800	1.70		
0.75	4060	1839	59400	1.95		
0.99	3130	1397	60200	2.60		
1.10	2710	1226	60500	2.90		
1.30	2440	1090	60700	3.30		
1.40	2130	951	60900	3.80		
0.67	4660	2067	27300	0.90	KR 107 KRF77 KRF 107 KRF77	Y..71M ₁ -4 AM71 AD2
0.82	3790	1693	31900	1.15		
0.89	3420	1550	33500	1.25	KR 107 KRF77 KRF 107 KRF77	Y..71M ₁ -4 AM71 AD2
0.98	3100	1407	34600	1.40		
1.10	2660	1209	35900	1.60		
1.30	2330	1055	36400	1.85		
0.69	4450	1987	28600	0.95	KR 107 KRF77 KRF 107 KRF77	Y..71M ₁ -4 AM71 AD3
0.76	4030	1827	30800	1.05		
0.86	3490	1599	33200	1.25		
0.99	3090	1400	34600	1.40		
1.10	2670	1226	35900	1.60		
1.50	2070	939	36700	2.10		
1.70	1790	822	37000	2.40		
1.10	2760	1207	22500	1.10	KR 97 KRF57 KRF 97 KRF57	Y..71M ₁ -4 AM71 AD2
1.30	2460	1084	24300	1.20		
0.99	3170	1396	10800	0.95	KR 97 KRF57 KRF 97 KRF57	Y..71M ₁ -4 AM71 AD2
1.10	2770	1228	22500	1.10		
1.30	2470	1069	24200	1.20		
1.50	2160	938	25700	1.40	KR 97 KRF57 KRF 97 KRF57	Y..71M ₁ -4 AM71 AD2
2.20	1420	632	27700	2.10		
1.70	1860	824	26900	1.60	KR 97 KRF57 KRF 97 KRF57	Y..71M ₁ -4 AM71 AD3
1.90	1660	737	27400	1.80		
3.20	980	431	28200	3.10		
3.60	850	379	28300	3.50		
4.10	765	336	28400	3.90		

n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.37kw						
1.70	1810	802	13800	0.85	KR 87 KRF57 KRF 87 KRF57	Y..71M ₁ -4 AM71 AD2
1.80	1690	754	15800	0.90		
2.10	1440	649	17600	1.05		
1.80	1770	776	15100	0.85	KR 87 KRF57 KRF 87 KRF57	Y..71M ₁ -4 AM71 AD2
2.00	1560	685	16800	1.00		
2.30	1330	599	18300	1.15	KR 87 KRF57 KRF 87 KRF57	Y..71M ₁ -4 AM71 AD3
2.60	1170	525	19100	1.30		
3.00	1020	456	19700	1.50		
5.20	595	268	20000	2.60		
5.80	525	236	20000	2.90		
2.60	1260	538	18700	1.25	KR 87 KRF57 KRF 87 KRF57	Y..71M ₁ -4 AM71 AD2
2.90	1100	472	19400	1.40		
3.40	920	400	20000	1.65		
3.80	830	361	20000	1.85		
3.70	860	373	9520	0.95	KR 77 KRF37 KRF 77 KRF37	Y..71M ₁ -4 AM71 AD2
4.20	755	327	10500	1.10		
4.80	670	289	11100	1.20		
5.30	600	260	11600	1.35		
6.20	505	224	12000	1.60		
7.00	445	197	12300	1.85		
8.20	385	169	12500	2.10		
9.30	340	149	12700	2.40		
4.70	665	294	4670	0.90	KR 67 KRF37 KRF 67 KRF37	Y..71M ₁ -4 AM71 AD2
5.30	600	261	7550	1.00		
5.90	535	234	8220	1.10		
6.90	455	200	8930	1.30		
3.70	960	246.54	20000	1.60	KR 87 KRF 87	Y..80M ₁ -6 AM80 AD2
4.20	840	216.54	20000	1.85		
4.40	800	205.71	20000	1.95		
5.00	705	181.77	20000	2.20	KR 87 KRF 87	Y..80M ₁ -6 AM80 AD2
5.80	605	155.34	20000	2.60		
6.40	555	142.41	20000	2.80		
5.40	650	166.59	11200	1.25	KR 77 KRF 77	Y..80M ₁ -6 AM80 AD2
6.20	565	145.67	11700	1.45		
6.50	540	138.39	11900	1.50		
7.10	495	195.24	12100	1.65	KR 77 KRF 77	Y..71M ₁ -4 AM71 AD2
8.30	425	166.59	12400	1.90		
9.50	370	145.67	12600	2.20		
10.0	350	138.39	12600	2.30		
11.0	310	121.42	12800	2.60		
13.0	260	102.99	12900	3.10		
15.0	235	92.97	12900	3.40		
5.70	615	158.14	7350	0.95	KR 67 KRF 67	Y..80M ₁ -6 AM80 AD2
6.60	535	137.67	8240	1.10		
7.00	500	128.97	8550	1.20		
7.90	440	113.94	9030	1.35		

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n_1 [1/min]	M_1 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.37kw$						
6.90	510	199.81	8480	1.15	KR KRF 67	Y..71M ₁ -4 AM71 AD2
7.50	470	184.07	8820	1.25		
8.70	400	158.14	9300	1.50		
10.0	350	137.67	9620	1.70		
11.0	330	128.97	9740	1.80		
12.0	290	113.94	9920	2.10		
13.0	270	105.83	10000	2.20		
14.0	245	95.91	10100	2.40	KR KRF 67	Y..71M ₁ -4 AM71 AD2
16.0	220	86.11	10200	2.70		
19.0	190	74.17	10300	3.20		
20.0	179	69.75	10300	3.40		
23.0	157	61.26	10400	3.80		
24.0	146	56.89	10400	4.10		
7.00	500	128.77	6610	0.90	KR KRF 57	Y..80M ₁ -6 AM80 AD2
7.50	470	120.63	7010	0.95		
8.50	415	106.58	7250	1.10		
9.10	385	98.99	7360	1.15		
7.40	475	186.89	6980	0.95	KR KRF 57	Y..71M ₁ -4 AM71 AD2
8.00	440	172.17	7140	1.00		
9.30	375	147.92	7380	1.20		
11.0	325	128.77	7540	1.35	KR KRF 57	Y..71M ₁ -4 AM71 AD2
11.0	305	120.63	7610	1.45		
13.0	270	106.58	7700	1.65		
14.0	250	98.99	7740	1.80	KR KRF 57	Y..71M ₁ -4 AM71 AD2
15.0	225	89.71	7800	1.95		
17.0	205	80.55	7840	2.20		
20.0	177	69.23	7890	2.50		
21.0	166	64.85	7910	2.70		
24.0	147	57.29	7760	3.10		
26.0	136	53.22	7600	3.30		
29.0	124	48.23	7380	3.60		
9.90	355	139.99	3490	0.85		
11.0	310	121.87	5350	0.95		
12.0	290	114.17	5460	1.05		
14.0	255	100.86	5620	1.15		
15.0	235	93.68	5700	1.25	KR KRF 47	Y..71M ₁ -4 AM71 AD2
16.0	215	84.9	5790	1.40		
18.0	195	76.23	5870	1.55		
20.0	176	68.54	5930	1.70		
21.0	164	64.21	5960	1.80		
24.0	145	56.73	6010	2.10		
26.0	135	52.69	5990	2.20		
29.0	122	47.75	5820	2.40		
32.0	110	42.87	5650	2.70		
37.0	94	36.93	5410	3.20		
40.0	89	34.73	5310	3.40		
41.0	86	33.79	5270	2.80	KR KRF 47	Y..71M ₁ -4 AM71 AD2
44.0	80	31.12	5140	2.80		
52.0	68	26.74	4920	4.40		
59.0	60	23.28	4720	5.00		

n_1 [1/min]	M_1 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.37kw$						
63.0	56	21.81	4620	5.40	KR KRF 47	Y..71M ₁ -4 AM71 AD2
15.0	230	90.77	4250	0.85	KR KRF 37	Y..71M ₁ -4 AM71 AD1
16.0	215	84.61	4720	0.90		
19.0	189	73.96	5070	1.05		
20.0	178	69.33	5210	1.15	KR KRF 37	Y..71M ₁ -4 AM71 AD1
23.0	157	61.18	5410	1.30		
25.0	143	55.76	5530	1.40	KR KRF 37	Y..71M ₁ -4 AM71 AD1
29.0	123	48.08	5580	1.60	KR KRF 37	Y..71M ₁ -4 AM71 AD2
31.0	115	44.81	5480	1.75		
35.0	100	39.17	5280	2.00	KR KRF 37	Y..71M ₁ -4 AM71 AD2
38.0	94	36.72	5190	2.10		
43.0	83	32.40	5010	2.40		
48.0	74	28.73	4850	2.70		
57.0	62	24.42	4620	3.20	KR KRF 37	Y..71M ₁ -4 AM71 AD2
49.0	72	28.32	4830	2.80		
53.0	67	26.03	4710	2.80		
62.0	57	22.27	4500	3.50		
71.0	49	19.31	4320	4.00		
76.0	46	18.05	4230	4.30		
88.0	40	15.60	4050	5.00	KR KRF 37	Y..71M ₁ -4 AM71 AD2
104	34	13.25	3850	5.60		
117	30	11.83	3720	6.00		
23.0	157	61.30	3870	0.85	KR KRF 27	Y..71M ₁ -4 AM71 AD1
25.0	143	55.87	3800	0.90		
29.0	123	48.17	3680	1.05		
31.0	115	44.90	3620	1.15		
35.0	100	39.25	3510	1.30		
38.0	94	36.79	3460	1.40		
42.0	83	32.47	3350	1.55		
48.0	74	28.78	3250	1.75		
56.0	63	24.47	3110	2.10		
49.0	73	28.37	3240	1.80	KR KRF 27	Y..71M ₁ -4 AM71 AD2
53.0	67	26.09	3170	1.95		
62.0	57	22.32	3040	2.30		
71.0	50	19.35	2920	2.60		
76.0	46	18.08	2860	2.80		
88.0	40	15.63	2750	3.20		
104	34	13.28	2620	3.80		
36.0	99	38.61	770	0.85	KR KRF 17	Y..71M ₁ -4 AM71 -
38.0	93	36.20	1260	0.90		
43.0	82	31.94	1910	1.05		
49.0	72	28.32	1880	1.15		

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.37kw						
57.0	62	24.07	1830	1.40	KR 17 KRF 17	Y..71M;-4 AM71 -
55.0	65	25.23	1840	1.30	KR 17 KRF 17	Y..71M;-4 AM71 -
60.0	59	23.15	1820	1.45		
70.0	50	19.71	1760	1.70		
81.0	44	16.99	1710	1.95		
87.0	40	15.84	1680	2.10		
100	35	13.84	1630	2.40	KR 17 KRF 17	Y..71M;-4 AM71 -
106	33	12.98	1610	2.60		
121	29	11.45	1560	2.80		
136	26	10.15	1520	3.00		
160	22	8.63	1460	3.30		
183	19	7.55	1370	2.90	KR 17 KRF 17	Y..71M;-4 AM71 -
196	18	7.04	1350	3.10		
224	16	6.15	1300	3.40		
239	15	5.76	1280	3.60		
271	13	5.09	1240	3.90		
306	12	4.51	1200	4.20	KR 17 KRF 17	Y..71M;-4 AM71 -
360	9.8	3.83	1140	4.60		
175	175	5.18	4560	3.70		
200	200	4.53	4370	4.60		
210	210	4.30	4300	4.80		
240	240	3.77	4130	5.90	KR 17 KRF 17	Y..71M;-4 AM71 -
227	227	6.07	4200	2.80		
267	267	5.18	3990	5.60		
305	305	4.53	3820	7.10		
321	321	4.30	3760	7.30		
366	366	3.77	3600	9.00	KR 17 KRF 17	Y..71M;-4 AM71 -
431	431	3.20	3420	12.0		
478	478	2.89	3310	14.0		
543	543	2.54	3170	18.0		
575	575	2.40	3110	20.0		
675	675	2.04	2950	26.0	KR 17 KRF 17	Y..71M;-4 AM71 -
208	208	4.35	3490	4.00		
239	239	3.79	3340	4.70		
255	255	3.55	3280	5.00		
251	251	5.50	3300	2.80		
272	272	5.07	3210	2.80	KR 17 KRF 17	Y..71M;-4 AM71 -
317	317	4.35	3060	6.10		
364	364	3.79	2930	7.10		
389	389	3.55	2870	7.60		
440	440	3.14	2760	8.10		
474	474	2.91	2690	8.90	KR 17 KRF 17	Y..71M;-4 AM71 -
523	523	2.64	2610	10.0		
582	582	2.37	2520	11.0		
676	676	2.04	2400	13.0		
719	719	1.92	2350	14.0		
835	835	1.65	2240	16.0	KR 17 KRF 17	Y..71M;-4 AM71 -
582	582	2.37	2520	11.0		
676	676	2.04	2400	13.0		
719	719	1.92	2350	14.0		
835	835	1.65	2240	16.0		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.55kw						
0.23	0.23	6077	120000	0.90	KR 167 KRF 167	Y..80M;-4 AM80 AD3
0.26	0.26	5407	120000	1.05		
0.30	14700	4650	120000	1.20		
0.33	12800	4129	120000	1.40		
0.28	16600	4926	26700	0.80	KR 147 KRF 147	Y..80M;-4 AM80 AD2
0.32	14400	4325	56500	0.90		
0.37	12600	3754	63300	1.05		
0.42	11000	3302	66200	1.20		
0.48	9670	2898	68200	1.35	KR 147 KRF 147	Y..80M;-4 AM80 AD2
0.54	8750	2555	69400	1.50		
0.62	7580	2211	70800	1.70		
0.71	6680	1951	71600	1.95		
0.81	5720	1705	72400	2.30	KR 147 KRF 147	Y..80M;-4 AM80 AD3
0.90	5120	1536	72900	2.50		
1.00	4430	1329	73300	2.90		
1.20	3850	1166	73600	3.40		
0.56	8510	2484	51800	0.95	KR 137 KRF 137	Y..80M;-4 AM80 AD2
0.52	9110	2658	47600	0.90		
0.57	8260	2412	52800	0.95		
0.67	7100	2073	55200	1.15		
0.75	6210	1839	56700	1.30	KR 137 KRF 137	Y..80M;-4 AM80 AD3
0.86	5330	1598	58000	1.50		
0.99	4760	1397	58700	1.70		
1.10	4150	1226	59300	1.90		
1.30	3710	1090	59800	2.20	KR 137 KRF 137	Y..80M;-4 AM80 AD3
1.40	3240	951	60200	2.50		
1.70	2770	831	60500	2.90		
0.98	4750	1407	24800	0.90		
1.10	4080	1209	30600	1.05	KR 107 KRF 107	Y..80M;-4 AM80 AD2
1.30	3560	1055	32900	1.20		
1.50	3110	919	34600	1.40		
1.70	2780	815	35600	1.55		
1.90	2430	717	36300	1.75	KR 107 KRF 107	Y..80M;-4 AM80 AD3
2.20	2120	626	36600	2.00		
0.99	4730	1400	25600	0.90		
1.10	4110	1226	30400	1.05		
1.20	3680	1104	32400	1.15	KR 97 KRF 97	Y..80M;-4 AM80 AD3
1.50	3170	939	34400	1.35		
1.70	2750	822	35700	1.55		
1.70	2820	824	22100	1.05		
1.90	2530	737	23900	1.20	KR 97 KRF 97	Y..80M;-4 AM80 AD3
2.50	1880	560	26800	1.60		
2.80	1640	484	27400	1.85		
2.20	2160	632	25700	1.40		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n:	M:	i	Fr	K	Frame size		Input
[1/min]	[Nm]		[N]				Configuration
P ₁ =0.55kw							
3.20	1480	431	27700	2.00	KR KRF	97 KRF57 97 KRF57	Y..80M ₁ -4 AM80 AD3
3.60	1300	379	27900	2.30			
4.10	1160	336	28100	2.60			
4.70	1010	296	28200	3.00			
5.50	840	249	28400	3.60			
2.60	1780	525	15000	0.85	KR KRF	87 KRF57 87 KRF57	Y..80M ₁ -4 AM80 AD3
3.00	1550	456	16900	1.00			
3.50	1340	398	18200	1.15			
3.90	1190	352	19000	1.30			
4.50	1020	305	19700	1.50			
2.90	1660	472	16100	0.95	KR KRF	87 KRF57 87 KRF57	Y..80M ₁ -4 AM80 AD2
3.40	1400	400	17900	1.10			
3.80	1260	361	18700	1.25			
5.00	970	276	6200	0.85	KR KRF	77 KRF37 77 KRF37	Y..80M ₁ -4 AM80 AD2
5.80	820	236	9850	1.00			
6.20	770	221	10300	1.05	KR KRF	77 KRF37 77 KRF37	Y..80M ₁ -4 AM80 AD2
7.40	645	186	11300	1.25			
3.20	1660	289.74	27400	1.80	KR KRF	97 97	Y..80M ₁ -6 AM80 AD3
3.60	1460	255.71	27700	2.00			
3.80	1380	241.25	27800	2.20			
4.20	1240	216.28	28000	2.40			
4.80	1100	289.74	28100	2.70	KR KRF	97 97	Y..80M ₁ -4 AM80 AD3
5.40	970	255.71	28200	3.10			
5.70	910	241.25	28300	3.30			
6.40	820	216.28	28400	3.60			
3.70	1410	246.54	17800	1.10	KR KRF	87 87	Y..80M ₁ -6 AM80 AD2
4.20	1240	216.54	18800	1.25			
4.40	1180	205.71	19100	1.30			
5.00	1040	181.77	19700	1.50	KR KRF	87 87	Y..80M ₁ -6 AM80 AD2
5.90	890	155.34	20000	1.75			
5.60	930	246.54	20000	1.65	KR KRF	87 87	Y..80M ₁ -4 AM80 AD2
6.40	820	216.54	20000	1.90			
6.70	780	205.71	20000	2.00			
7.60	690	181.77	20000	2.20			
8.90	590	155.34	20000	2.60			
9.70	540	142.41	20000	2.90			
11.0	475	124.97	20000	3.30	KR KRF	87 87	Y..80M ₁ -4 AM80 AD2
12.0	450	118.43	20000	3.40			
13.0	390	103.65	20000	3.90			
8.30	630	166.59	11400	1.30	KR KRF	77 77	Y..80M ₁ -4 AM80 AD2
9.50	550	145.67	11800	1.50			
10.0	525	138.39	12000	1.55			
11.0	460	121.42	12200	1.75			
13.0	390	102.99	12500	2.10			
15.0	350	92.97	12600	2.30			

n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.55kw						
17.0	310	81.8	12800	2.60	KR KRF	77 77 Y..80M ₁ -4 AM80 AD2
18.0	290	77.24	12800	2.80		
21.0	250	65.77	12900	3.30		
8.70	600	158.14	7540	1.00	KR KRF	67 67 Y..80M ₁ -4 AM80 AD2
10.0	520	137.67	8360	1.15		
11.0	490	128.97	8660	1.20	KR KRF	67 67 Y..80M ₁ -4 AM80 AD2
12.0	430	113.94	9110	1.40		
13.0	400	105.83	9320	1.50		
14.0	365	95.91	9550	1.65		
16.0	325	86.11	9750	1.85		
19.0	280	74.17	9960	2.10		
20.0	265	69.75	10000	2.30		
23.0	230	61.26	10200	2.60		
24.0	215	56.89	10200	2.80		
11.0	455	120.63	7060	1.00	KR KRF	57 57 Y..80M ₁ -4 AM80 AD2
13.0	405	106.58	7290	1.10		
14.0	375	98.99	7390	1.20		
15.0	340	89.71	7510	1.30		
17.0	305	80.55	7610	1.45		
20.0	260	69.23	7720	1.70	KR KRF	57 57 Y..80M ₁ -4 AM80 AD2
21.0	245	64.85	7750	1.80		
24.0	215	57.29	7500	2.10		
26.0	200	53.22	7360	2.20		
29.0	184	48.23	7160	2.40		
32.0	165	43.3	6960	2.70		
37.0	142	37.30	6670	3.20		
39.0	134	35.07	6560	3.40		
52.0	100	26.31	6030	4.50	KR KRF	57 57 Y..80M ₁ -4 AM80 AD2
55.0	95	24.99	5940	4.70		
63.0	84	21.93	5720	5.40		
74.0	71	18.60	5440	6.40		
15.0	355	93.68	3610	0.85	KR KRF	47 47 Y..80M ₁ -4 AM80 AD2
16.0	320	84.9	5290	0.95		
18.0	290	76.23	5470	1.05		
20.0	260	68.54	5610	1.15		
21.0	240	64.21	5690	1.25		
24.0	215	56.73	5800	1.40		
26.0	200	52.69	5750	1.50		
29.0	182	47.75	5610	1.65	KR KRF	47 47 Y..80M ₁ -4 AM80 AD2
32.0	163	42.87	5450	1.85		
37.0	140	36.93	5240	2.10		
40.0	132	34.73	5160	2.30		
46.0	114	29.88	4950	2.60		
52.0	102	26.74	4800	3.00	KR KRF	47 47 Y..80M ₁ -4 AM80 AD2
59.0	89	23.28	4610	3.40		
63.0	83	21.81	4520	3.60		
23.0	230	61.18	4210	0.85	KR KRF	37 37 Y..80M ₁ -4 AM80 AD1
25.0	210	55.76	4780	0.95		

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.55kw						
29.0	183	48.08	5150	1.10	KR KRF 37	Y..80M..-4 AM80 AD2
31.0	171	44.81	5220	1.15		
35.0	149	39.17	5050	1.35		
38.0	140	36.72	4980	1.45		
43.0	123	32.4	4820	1.60		
48.0	109	28.73	4680	1.85		
57.0	93	24.42	4480	2.20	KR KRF 37	Y..80M..-4 AM80 AD2
62.0	85	22.27	4370	2.40		
71.0	74	19.31	4200	2.70	KR KRF 37	Y..80M..-4 AM80 AD2
76.0	69	18.05	4120	2.90		
88.0	59	15.6	3960	3.40		
104	50	13.25	3780	3.80		
117	45	11.83	3650	4.10		
35.0	149	39.25	3270	0.85	KR KRF 27	Y..80M..-4 AM80 AD1
38.0	140	36.79	3230	0.95		
42.0	124	32.47	3150	1.05		
48.0	110	28.78	3070	1.20		
56.0	93	24.47	2960	1.40		
62.0	85	22.32	2900	1.55		
71.0	74	19.35	2800	1.75	KR KRF 27	Y..80M..-4 AM80 AD2
76.0	69	18.08	2750	1.90		
88.0	60	15.63	2650	2.20		
104	50	13.28	2540	2.60		
116	45	11.86	2460	2.90		
136	38	10.13	2360	3.20		
147	36	9.41	2280	3.40		
169	31	8.16	2190	3.70		
181	29	7.63	2150	3.90		
209	25	6.59	2070	4.20		
246	21	5.60	1970	4.60		
276	19	5.00	1910	5.00		
323	16	4.27	1820	5.30		
345	15	4.00	1780	5.60		
410	13	3.37	1690	6.20	KR KRF 27	Y..80M..-4 AM80 AD2
52.0	100	53.76	630	0.85	KR KRF 17	Y..71M..-2 AM71 -
59.0	89	47.44	1530	0.95		
64.0	83	44.18	1600	1.05		
73.0	72	38.61	1580	1.20		
70.0	75	19.71	1580	1.15	KR KRF 17	Y..80M..-4 AM80 -
81.0	65	16.99	1560	1.30		
87.0	60	15.84	1540	1.40		
100	53	13.84	1510	1.60		
106	49	12.98	1490	1.70		
121	44	11.45	1460	1.85		
136	39	10.15	1430	2.00		
160	33	8.63	1380	2.20		
183	29	7.55	1290	1.95		
196	27	7.04	1270	2.00		
224	23	6.15	1230	2.30		

n: [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =0.55kw							
239	22	5.76	1220	2.40	KR KRF	17	Y..80M..-4 AM80 -
271	19	5.09	1180	2.60			
306	17	4.51	1150	2.80			
360	15	3.83	1100	3.10			
326	16	8.63	1160	4.50	KR KRF	17	Y..71M..-2 AM71 -
372	14	7.55	1090	4.00			
399	13	7.04	1070	4.20			
457	12	6.15	1040	4.70			
177	30	5.18	4480	2.50	KRX KRXF	67	Y..80M..-6 AM80 AD2
202	26	4.53	4300	3.20			
213	25	4.30	4230	3.20			
243	22	3.77	4060	4.00			
267	20	5.18	3950	3.80	KRX KRXF	67	Y..80M..-4 AM80 AD2
305	17	4.53	3790	4.80			
321	16	4.30	3720	4.90			
366	14	3.77	3570	6.00			
431	12	3.20	3390	8.20	KRX KRXF	67	Y..80M..-4 AM80 AD3
478	11	2.89	3280	9.60			
543	9.7	2.54	3150	12.0			
575	9.1	2.40	3090	14.0			
675	7.8	2.04	2940	17.0	KRX KRXF	67	Y..80M..-4 AM80 AD3
743	7.1	1.86	2850	18.0			
858	6.1	1.61	2720	19.0			
210	25	4.35	3420	2.70			
241	22	3.79	3280	3.20			
258	20	3.55	3220	3.40			
292	18	3.14	3100	3.60			
314	17	2.91	3030	4.00	KRX KRXF	57	Y..80M..-4 AM80 AD2
317	17	4.35	3020	4.10			
364	14	3.79	2890	4.80			
389	14	3.55	2840	5.10			
440	12	3.14	2730	5.50			
474	11	2.91	2660	6.00			
523	10	2.64	2580	6.90	KRX KRXF	57	Y..80M..-4 AM80 AD3
582	9	2.37	2500	7.70			
676	7.8	2.04	2380	8.80			
719	7.3	1.92	2330	9.40			
835	6.3	1.65	2220	11.0			
935	5.6	1.48	2140	12.0			
1060	5	1.30	2060	13.0			
P ₁ =0.75kw							
0.31	19800	4650	120000	0.90	KR KRF	167 GRF97	Y..80M..-4 AM80 AD3
0.35	17300	4129	120000	1.05			
0.54	11600	2657	120000	1.55	KR KRF	167 GRF97	Y..80M..-4 AM80 AD4
1.00	6280	1438	120000	2.90			

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n_1 [1/min]	M_2 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.75\text{kw}$						
0.62	10000	2333	120000	1.80	KR 167KRF97	Y..80M ₁ -4 AM80 AD5
0.69	8880	2085	120000	2.00	KRF 167KRF97	
0.43	14600	3302	54100	0.90	KR 147KRF77	Y..80M ₁ -4 AM80 AD2
0.50	12800	2898	62900	1.00	KRF 147KRF77	
0.56	11600	2555	65300	1.10	KR 147KRF77 KRF 147KRF77	Y..80M ₁ -4 AM80 AD3
0.65	10000	2211	67700	1.30		
0.74	8860	1951	69300	1.45		
0.84	7610	1705	70700	1.70		
0.93	6830	1536	71500	1.90		
1.10	5910	1329	72300	2.20		
1.20	5150	1166	72800	2.50		
0.77	8370	1863	52400	0.95	KR 137KRF77 KRF 137KRF77	Y..80M ₁ -4 AM80 AD2
0.90	7090	1586	55200	1.15		
1.00	6320	1391	56500	1.25		
1.10	5680	1256	57500	1.40		
0.69	9410	2073	42400	0.85	KR 137KRF77 KRF 137KRF77	Y..80M ₁ -4 AM80 AD3
0.78	8260	1839	52800	0.95		
0.90	7110	1598	55200	1.10		
1.00	6320	1397	56500	1.25		
1.20	5520	1226	57700	1.45		
1.30	4930	1090	58500	1.60		
1.50	4300	951	59200	1.85		
1.70	3700	831	59800	2.20		
2.00	3220	730	60200	2.50		
1.40	4740	1055	25200	0.90	KR 107KRF77 KRF 107KRF77	Y..80M ₁ -4 AM80 AD2
1.60	4140	919	30300	1.05		
1.80	3690	815	32400	1.15		
1.50	4210	939	29900	1.00	KR 107KRF77 KRF 107KRF77	Y..80M ₁ -4 AM80 AD3
1.80	3670	822	32500	1.15		
3.90	1640	369	37100	2.60	KR 107KRF77 KRF 107KRF77	Y..80M ₁ -4 AM80 AD4
4.40	1430	323	37300	3.00		
2.30	2870	632	21800	1.05	KR 97KRF57 KRF 97KRF57	Y..80M ₁ -4 AM80 AD2
2.60	2510	560	24000	1.20		
3.00	2180	484	25600	1.40	KR 97KRF57 KRF 97KRF57	Y..80M ₁ -4 AM80 AD3
3.30	1960	431	26500	1.50		
3.80	1720	379	27300	1.75		
4.30	1530	336	27600	1.95		
4.80	1340	296	27900	2.20		
5.80	1120	249	28100	2.70		
3.60	1790	398	15000	0.85	KR 87KRF57 KRF 87KRF57	Y..80M ₁ -4 AM80 AD3
4.10	1580	352	16700	1.00		
4.70	1360	305	18100	1.15		
5.40	1200	268	18900	1.30		
6.10	1060	236	19600	1.45		

n_1 [1/min]	M_2 [Nm]	i	F_r [N]	K	Frame size	Input Configuration
$P_1=0.75\text{kw}$						
4.00	1660	361	16000	0.95	KR 87KRF57 KRF 87KRF57	Y..80M ₁ -4 AM80 AD2
4.80	1370	300	18000	1.10		
5.60	1160	256	19100	1.35	KR 87KRF57 KRF 87KRF57	Y..80M ₁ -4 AM80 AD3
3.70	1940	255.71	26600	1.55		
3.90	1830	241.25	27000	1.65	KR 97 KRF 97	Y..90S-6 AM90 AD3
4.40	1640	216.28	27400	1.80		
5.00	1440	289.74	27700	2.10	KR 97 KRF 97	Y..80M ₁ -4 AM80 AD3
5.60	1270	255.71	27900	2.40		
6.00	1200	241.25	28000	2.50		
6.60	1070	216.28	28100	2.80		
7.70	920	186.30	28300	3.20		
8.40	840	170.02	28400	3.50		
4.30	1640	216.54	16200	0.95	KR 87 KRF 87	Y..90S-6 AM90 AD2
4.60	1560	205.71	16800	1.00		
5.20	1380	181.77	18000	1.10		
6.00	1180	155.34	19000	1.30	KR 87 KRF 87	Y..90S-6 AM90 AD2
6.60	1080	142.41	19500	1.45		
5.80	1230	246.54	18800	1.25	KR 87 KRF 87	Y..80M ₁ -4 AM80 AD2
6.60	1080	216.54	19500	1.45		
7.00	1020	205.71	19700	1.50		
7.90	900	181.77	20000	1.70		
9.20	775	155.34	20000	2.00	KR 87 KRF 87	Y..80M ₁ -4 AM80 AD2
10.0	710	142.41	20000	2.20		
11.0	620	124.97	20000	2.50		
12.0	590	118.43	20000	2.60		
14.0	515	103.65	20000	3.00		
15.0	465	93.38	20000	3.30		
8.60	830	166.59	9810	1.00	KR 77 KRF 77	Y..80M ₁ -4 AM80 AD2
9.80	725	145.67	10700	1.15		
10.0	690	138.39	11000	1.20		
12.0	605	121.42	11500	1.35	KR 77 KRF 77	Y..80M ₁ -4 AM80 AD2
14.0	510	102.99	12000	1.60		
15.0	460	92.97	12200	1.75		
18.0	405	81.8	12500	2.00		
19.0	385	77.24	12500	2.10		
22.0	325	65.77	12700	2.50		
25.0	285	57.68	12800	2.80	KR 77 KRF 77	Y..80M ₁ -4 AM80 AD2
28.0	255	52.07	12900	3.20		
31.0	225	45.81	13000	3.60		
33.0	215	43.26	13000	3.80		
11.0	640	128.97	7000	0.95	KR 67 KRF 67	Y..80M ₁ -4 AM80 AD2
13.0	565	113.94	7920	1.05		
14.0	525	105.83	8320	1.15		
15.0	475	95.91	8760	1.25		
17.0	425	86.11	9140	1.40		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=0.75kw							
19.0	370	74.17	9520	1.60	KR KRF	67	Y..80M ₂ -4 AM80 AD2
21.0	345	69.75	9640	1.70			
23.0	305	61.26	9860	1.95			
25.0	280	56.89	9960	2.10			
28.0	255	51.56	10100	2.30			
31.0	230	46.29	10200	2.60			
13.0	530	106.58	5490	0.85	KR KRF	57	Y..80M ₂ -4 AM80 AD2
14.0	490	98.99	6900	0.90			
16.0	445	89.71	7120	1.00			
18.0	400	80.55	7300	1.10			
21.0	345	69.23	7470	1.30			
22.0	320	64.85	7360	1.40			
25.0	285	57.29	7150	1.55	KR KRF	57	Y..80M ₂ -4 AM80 AD2
27.0	265	53.22	7030	1.70			
30.0	240	48.23	6860	1.85			
33.0	215	43.3	6670	2.10			
38.0	186	37.30	6420	2.40			
41.0	175	35.07	6320	2.60			
48.0	151	30.18	6060	3.00			
53.0	135	26.97	5880	3.30			
55.0	131	26.31	5840	3.40	KR KRF	57	Y..80M ₂ -4 AM80 AD2
57.0	125	24.99	5760	3.60			
65.0	109	21.93	5540	4.10			
77.0	93	18.60	5290	4.80	KR KRF	47	Y..80M ₂ -4 AM80 AD2
21.0	340	68.54	4460	0.90			
22.0	320	64.21	5300	0.95			
25.0	280	56.73	5510	1.05	KR KRF	47	Y..80M ₂ -4 AM80 AD2
27.0	260	52.69	5440	1.15			
30.0	235	47.75	5320	1.25			
33.0	210	42.87	5190	1.40	KR KRF	47	Y..80M ₂ -4 AM80 AD2
39.0	184	36.93	5010	1.65			
41.0	173	34.73	4930	1.75			
48.0	149	29.88	4750	2.00			
54.0	133	26.7	4610	2.20	KR KRF	47	Y..80M ₂ -4 AM80 AD2
61.0	118	23.59	4460	2.60			
54.0	134	26.74	4610	2.20			
62.0	116	23.28	4450	2.60			
66.0	109	21.81	4370	2.80			
74.0	96	19.27	4220	3.10	KR KRF	47	Y..80M ₂ -4 AM80 AD2
80.0	89	17.89	4140	3.20			
88.0	81	16.22	4020	3.40			
30.0	240	48.08	3550	0.85			
32.0	220	44.81	4480	0.90	KR KRF	37	Y..80M ₂ -4 AM80 AD2
37.0	196	39.17	4760	1.00			
39.0	183	36.72	4700	1.10	KR KRF	37	Y..80M ₂ -4 AM80 AD2
44.0	162	32.4	4570	1.25			
50.0	143	28.73	4450	1.40			
59.0	122	24.42	4280	1.65			

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=0.75kw							
64.0	111	22.27	4180	1.80	KR KRF	37	Y..80M _L -4 AM80 AD2
74.0	96	19.31	4040	2.10			
80.0	90	18.05	3960	2.20			
92.0	78	15.6	3810	2.60	KR KRF	37	Y..80M _L -4 AM80 AD2
108	66	13.25	3650	2.90			
121	59	11.83	3540	3.10			
142	50	10.11	3380	3.40			
152	47	9.47	3320	3.50			
50.0	144	28.78	2860	0.90	KR KRF	27	Y..80M _L -4 AM80 AD1
59.0	122	24.47	2780	1.05			
64.0	111	22.32	2730	1.15	KR KRF	27	Y..80M _L -4 AM80 AD2
74.0	97	19.35	2650	1.35			
79.0	90	18.08	2610	1.45			
92.0	78	15.63	2520	1.65			
108	66	13.28	2430	1.95			
121	59	11.86	2360	2.20			
142	50	10.13	2270	2.40			
152	47	9.41	2190	2.60	KR KRF	27	Y..80M _L -4 AM80 AD2
176	41	8.16	2110	2.80			
188	38	7.63	2070	2.90			
218	33	6.59	1990	3.20			
256	28	5.60	1900	3.60			
287	25	5.00	1850	3.80			
73.0	98	19.71	820	0.85	KR KRF	17	Y..80M _L -4 AM80 -
84.0	85	16.99	1390	1.00			
91.0	79	15.84	1380	1.10			
104	69	13.84	1370	1.25			
111	65	12.98	1360	1.30			
125	57	11.45	1340	1.40			
141	51	10.15	1320	1.50			
166	43	8.63	1280	1.65			
190	38	7.55	1190	1.50			
204	35	7.04	1180	1.55			
233	31	6.15	1150	1.75			
249	29	5.76	1140	1.85			
282	25	5.09	1110	2.00			
318	22	4.51	1080	2.10			
374	19	3.83	1040	2.40			
252	28	11.45	1180	2.80	KR KRF	17	Y..80M _L -2 AM80 -
285	25	10.15	1150	3.10			
335	21	8.63	1110	3.40			
383	19	7.55	1040	3.00			
411	17	7.04	1020	3.20			
470	15	6.15	990	3.60			
501	14	5.76	980	3.70			
568	13	5.09	950	4.00			
641	11	4.51	920	4.30			
754	9.5	3.83	880	4.70			
208	34	4.53	4210	2.40	KRX KRXF	67	Y..90S-6 AM90 AD2
219	33	4.30	4140	2.40			
249	29	3.77	3980	3.00			

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n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =0.75kw						
294	24	3.20	3780	4.10	KRX 67 KRXF 67	Y..90S-6 AM90 AD3
277	26	5.18	3860	2.90	KRX 67	Y..80M ₁ -4
317	23	4.53	3700	3.60	KRXF 67	AM80
334	22	4.30	3640	3.70		AD2
380	19	3.77	3500	4.60	KRX 67 KRXF 67	Y..80M ₁ -4 AM80 AD2
448	16	3.20	3320	6.20		
497	14	2.89	3220	7.40		
565	13	2.54	3090	9.30	KRX 67	Y..80M ₁ -4
598	12	2.40	3030	10.0	KRXF 67	AM80
702	10	2.04	2880	13.0		AD3
773	9.3	1.86	2790	14.0		
892	8	1.61	2670	14.0		
248	29	3.79	3200	2.40	KRX 57	Y..90S-6
265	27	3.55	3140	2.60	KRXF 57	AM90
300	24	3.14	3020	2.70		AD2
323	22	2.91	2960	3.00	KRX 57	Y..90S-6
356	20	2.64	2870	3.40	KRXF 57	AM90 AD2
330	22	4.35	2940	3.10		
379	19	3.79	2820	3.60		
404	18	3.55	2770	3.90	KRX 57	Y..80M ₁ -4
458	16	3.14	2660	4.10	KRXF 57	AM80
493	14	2.91	2600	4.60		AD2
544	13	2.64	2520	5.20		
605	12	2.37	2440	5.80		
703	10	2.04	2330	6.80		
747	9.6	1.92	2280	7.20	KRX 57	Y..80M ₁ -4
869	8.2	1.65	2180	8.40	KRXF 57	AM80
972	7.4	1.48	2100	9.20		AD3
1100	6.5	1.3	2020	9.70		
P ₁ =1.10kw						
0.53	17600	2657	120000	1.00	KR 167 KRF97	Y..90S-4
0.99	9540	1438	120000	1.90	KRF 167 KRF97	AM90
1.10	8480	1279	120000	2.10		AD4
0.61	15300	2333	120000	1.15		
0.68	13600	2085	120000	1.30	KR 167 KRF97	Y..90S-4
0.76	12100	1877	120000	1.50	KRF 167 KRF97	AM90
0.85	10800	1670	120000	1.65		AD5
1.30	7390	1123	120000	2.40		
0.64	15000	2211	49600	0.85	KR 147 KRF77	Y..90S-4
0.73	13200	1951	62100	1.00	KRF 147 KRF77	AM90
						AD3
0.83	11400	1705	65500	1.15	KR 147 KRF77	Y..90S-4
0.92	10300	1536	67300	1.25	KRF 147 KRF77	AM90
1.10	8920	1329	69200	1.45		AD3

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =1.10kw						
1.20	7790	1166	70500	1.65		
1.40	6850	1029	71500	1.90		
1.60	5940	889	72300	2.20	KR 147 KRF77	Y..90S-4
1.80	5220	784	72800	2.50	KRF 147 KRF77	AM90
2.00	4600	695	73200	2.80		AD3
1.00	9470	1391	41400	0.85		
1.10	8530	1256	51700	0.95		
1.30	7480	1105	54500	1.05	KR 137 KRF77	Y..90S-4
1.40	7050	1043	55300	1.15	KRF 137 KRF77	AM90
1.60	5980	888	57100	1.35		AD2
1.00	9490	1397	41100	0.85	KR 137 KRF77	Y..90S-4
1.20	8300	1226	52700	0.95	KRF 137 KRF77	AM90
						AD3
1.30	7400	1090	54600	1.10		
1.50	6460	951	56300	1.25		
1.70	5580	831	57600	1.45	KR 137 KRF77	Y..90S-4
2.00	4870	730	58600	1.65	KRF 137 KRF77	AM90
2.30	4160	629	59300	1.90		AD3
2.90	3250	490	60200	2.50		
2.50	3770	560	59700	2.10	KR 137 KRF77	Y..90S-4
					KRF 137 KRF77	AM90 AD4
2.00	4850	717	20800	0.90	KR 107 KRF77	Y..90S-4
					KRF 107 KRF77	AM90 AD2
2.30	4090	614	30500	1.05		
2.60	3610	544	32700	1.20	KR 107 KRF77	Y..90S-4
2.90	3260	492	34000	1.30	KRF 107 KRF77	AM90
						AD4
3.40	2760	417	35600	1.55		
3.80	2470	369	36200	1.75		
4.40	2160	323	36600	2.00	KR 107 KRF77	Y..90S-4
5.00	1900	285	36900	2.30	KRF 107 KRF77	AM90
5.60	1670	253	37100	2.60		AD4
3.30	2940	431	21300	1.00	KR 97 KRF57	Y..90S-4
3.70	2580	379	23600	1.15	KRF 97 KRF57	AM90
						AD3
4.20	2290	336	25100	1.30		
4.80	2010	296	26300	1.50		
5.70	1680	249	27400	1.80	KR 97 KRF57	Y..90S-4
6.10	1570	234	27500	1.90	KRF 97 KRF57	AM90
6.80	1400	209	27800	2.10		AD3
5.30	1810	268	13600	0.85		
6.00	1600	236	16600	0.95	KR 87 KRF57	Y..90S-4
6.80	1400	209	17900	1.10	KRF 87 KRF57	AM90
						AD3
5.60	1750	256	15300	0.90		
6.10	1590	232	16600	0.95	KR 87 KRF57	Y..90S-4
7.30	1340	195	18200	1.15	KRF 87 KRF57	AM90
						AD3

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n _z [1/min]	M _z [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=1.10kw							
4.40	2410	216.28	24500	1.25	KR	97	Y..90L-6
5.00	2080	186.30	26100	1.45	KRF	97	AM90 AD3
5.60	1890	255.71	26800	1.60	KR KRF	97 97	Y..90S-4 AM90 AD3
5.90	1780	241.25	27200	1.70			
6.60	1590	216.28	27500	1.90			
7.60	1370	186.30	27800	2.20			
8.40	1250	170.02	28000	2.40			
9.40	1110	150.78	28100	2.70			
11.0	930	126.75	28300	3.20	KR	97	Y..90S-4
12.0	860	116.48	28300	3.50	KRF	97	AM90 AD3
6.60	1600	216.54	16600	0.95	KR	87	Y..90S-4
6.90	1520	205.71	17100	1.00	KRF	87	AM90 AD2
7.80	1340	181.77	18200	1.15			
9.10	1140	155.34	19200	1.35	KR KRF	87 87	Y..90S-4 AM90 AD2
10.0	1050	142.41	19600	1.45			
11.0	920	124.97	20000	1.70			
12.0	870	118.43	20000	1.75			
14.0	765	103.65	20000	2.00			
15.0	690	93.38	20000	2.20			
17.0	605	81.92	20000	2.60			
20.0	535	72.57	20000	2.90	KR KRF	87 87	Y..90S-4 AM90 AD2
22.0	470	63.68	20000	3.30			
24.0	445	60.35	20000	3.50			
27.0	390	52.82	20000	4.00			
12.0	890	121.42	9130	0.90	KR	77	Y..90S-4
14.0	760	102.99	10400	1.10	KRF	77	AM90 AD2
15.0	685	92.97	11000	1.20			
17.0	605	81.8	11500	1.35	KR KRF	77 77	Y..90S-4 AM90 AD2
18.0	570	77.24	11700	1.45			
22.0	485	65.77	12100	1.70			
25.0	425	57.68	12400	1.90			
27.0	385	52.07	12500	2.10			
31.0	335	45.81	12700	2.40			
33.0	320	43.26	12700	2.60			
39.0	270	36.83	12900	3.00			
42.0	245	33.47	12900	3.30			
16.0	635	86.11	7090	0.95			
19.0	545	74.17	8120	1.10			
20.0	515	69.75	8440	1.15			
23.0	450	61.26	8960	1.30			
25.0	420	56.89	9200	1.45			
28.0	380	51.56	9450	1.55			
31.0	340	46.29	9670	1.75			
36.0	295	39.88	9910	1.95	KR KRF	67 67	Y..90S-4 AM90 AD2
38.0	275	37.5	9980	2.00			
44.0	235	32.27	10100	2.30			
49.0	210	28.83	10200	2.40			

n _z [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=1.10kw							
50.0	205	28.13	10200	2.60	KR KRF	67 67	Y..90S-4
53.0	198	26.72	10100	2.70			AM90
61.0	173	23.44	9690	3.20			AD2
71.0	147	19.89	9230	4.10	KR KRF	67 67	Y..90S-4
							AM90
							AD3
21.0	510	69.23	6260	0.90	KR KRF	57 57	Y..90S-4
22.0	475	64.85	6830	0.95			AM90
25.0	420	57.29	6690	1.05			AD2
27.0	390	53.22	6600	1.15	KR KRF	57 57	Y..90S-4
29.0	355	48.23	6470	1.25			AM90
33.0	320	43.30	6330	1.40			AD2
38.0	275	37.30	6120	1.65	KR KRF	57 57	Y..90S-4
40.0	255	35.07	6040	1.75			AM90
							AD2
47.0	220	30.18	5830	2.00	KR KRF	57 57	Y..90S-4
53.0	200	26.97	5670	2.30			AM90
							AD2
54.0	195	26.31	5630	2.30	KR KRF	57 57	Y..90S-4 AM90 AD2
57.0	185	24.99	5560	2.40			
65.0	162	21.93	5380	2.80			
76.0	138	18.60	5150	3.30			
85.0	124	16.79	5000	3.60			
30.0	350	47.75	3810	0.85	KR KRF	47 47	Y..90S-4 AM90 AD2
33.0	315	42.87	4840	0.95			
38.0	270	36.93	4700	1.10			
41.0	255	34.73	4650	1.15			
48.0	220	29.88	4510	1.35			
53.0	198	26.7	4400	1.50			
60.0	174	23.59	4270	1.70			
61.0	172	23.28	4260	1.75	KR KRF	47 47	Y..90S-4 AM90 AD2
65.0	161	21.81	4190	1.85			
74.0	142	19.27	4070	2.10			
79.0	132	17.89	4000	2.20			
88.0	120	16.22	3900	2.30			
98.0	108	14.56	3790	2.50			
113	93	12.54	3640	2.70			
120	87	11.79	3580	2.80	KR KRF	47 47	Y..90S-4 AM90 AD2
140	75	10.15	3430	3.10			
157	67	9.07	3320	3.30			
44.0	235	32.40	2950	0.85	KR KRF	37 37	Y..90S-4 AM90 AD2
49.0	210	28.73	3340	0.95			
58.0	181	24.42	3750	1.10			
74.0	143	19.31	3830	1.40	KR KRF	37 37	Y..90S-4 AM90 AD2
79.0	134	18.05	3780	1.50			
91.0	115	15.60	3650	1.75			

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n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =1.10kw							
107	98	13.25	3510	1.95	KR KRF	37	Y..90S-4 AM90 AD2
120	88	11.83	3410	2.10			
140	75	10.11	3280	2.30			
150	70	9.47	3220	2.40			
178	59	7.97	3080	2.60			
213	49	6.67	2910	2.90			
251	42	5.67	2780	3.40			
281	37	5.06	2690	3.60	KR KRF	37	Y..90S-4 AM90 AD2
73.0	143	19.35	2430	0.90	KR KRF	27	Y..90S-4 AM90 AD2
79.0	134	18.08	2410	0.95			
91.0	116	15.63	2350	1.10			
107	98	13.28	2280	1.30			
120	88	11.86	2230	1.45	KR KRF	27	Y..90S-4 AM90 AD2
140	75	10.13	2160	1.65			
151	70	9.41	2070	1.75			
174	60	8.16	2000	1.90			
186	56	7.63	1980	2.00			
215	49	6.59	1910	2.20			
254	41	5.60	1840	2.40			
284	37	5.00	1780	2.60			
332	32	4.27	1710	2.80			
355	30	4.00	1680	2.90			
421	25	3.37	1610	3.20			
216	49	13.28	1950	2.70	KR KRF	27	Y..80M-2 AM80 AD2
242	43	11.86	1890	3.00			
283	37	10.13	1820	3.30			
305	34	9.41	1750	3.60			
352	30	8.16	1690	3.90			
376	28	7.63	1660	4.00			
435	24	6.59	1590	4.40			
512	20	5.60	1520	4.80			
574	18	5.00	1470	5.20			
672	16	4.27	1410	5.60			
718	15	4.00	1380	5.80			
852	12	3.37	1310	6.40			
252	42	5.63	5650	2.60	KRX KRXF	77	Y..90S-4 AM90 AD2
265	40	5.35	5560	2.60			
300	35	4.73	5360	3.50	KRX KRXF	77	Y..90S-4 AM90 AD3
249	42	3.77	3900	2.10	KRX KRXF	67	Y..90L-6 AM90 AD2
314	34	4.53	3640	2.40	KRX	67	Y..90S-4 AM90 AD2
330	32	4.30	3590	2.50	KRXF	67	

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =1.10kw							
376	28	3.77	3450	3.10	KRX KRXF	67	Y..90S-4 AM90 AD2
444	24	3.20	3280	4.20	KRX KRXF	67	Y..90S-4 AM90 AD3
492	21	2.89	3180	5.00			
559	19	2.54	3060	6.30			
592	18	2.40	3000	6.90			
695	15	2.04	2860	8.90			
765	14	1.86	2770	9.20			
883	12	1.61	2650	9.60			
1015	10	1.40	2530	10.0			
300	35	3.14	2940	1.85	KRX KRXF	57	Y..90L-6 AM90 AD2
356	30	2.64	2800	2.30	KRX KRXF	57	Y..90L-6 AM90 AD2
375	28	3.79	2770	2.50	KRX KRXF	57	Y..90S-4 AM90 AD2
400	26	3.55	2720	2.60			
453	23	3.14	2620	2.80			
487	22	2.91	2560	3.10			
538	20	2.64	2490	3.50	KRX KRXF	57	Y..90S-4 AM90 AD3
599	18	2.37	2410	3.90			
696	15	2.04	2300	4.60			
740	14	1.92	2260	4.90			
859	12	1.65	2160	5.70			
962	11	1.48	2080	6.20			
1090	9.6	1.30	2000	6.60			
P ₁ =1.50kw							
0.99	13000	1438	120000	1.40	KR KRF	167 KRF97	Y..90L-4 AM90 AD4
1.10	11600	1279	120000	1.55	KR KRF	167 KRF97	Y..90L-4 AM90 AD4
0.61	21100	2333	120000	0.85	KR KRF	167 KRF97	Y..90L-4 AM90 AD5
0.69	18700	2085	120000	0.95			
0.76	16700	1877	120000	1.05			
0.86	14900	1670	120000	1.20			
1.30	10100	1123	120000	1.75			
1.40	9040	999	120000	2.00			
3.40	3850	426	73600	3.40	KR KRF	147 KRF87	Y..90L-4 AM90 AD5
3.90	3330	368	73900	3.90	KR KRF	147 KRF87	Y..90L-4 AM90 AD5
0.84	15600	1705	41200	0.85	KR KRF	147 KRF77	Y..90L-4 AM90 AD3
0.93	14100	1536	60300	0.90			
1.10	12200	1329	64200	1.05	KR KRF	147 KRF77	Y..90L-4 AM90 AD3
1.20	10600	1166	66800	1.20			
1.40	9380	1029	68600	1.40			
1.60	8130	889	70200	1.60			
1.80	7150	784	71200	1.80			
2.10	6320	695	71900	2.10			
2.30	5690	619	72400	2.30	KR KRF	147 KRF77	Y..90L-4 AM90 AD4
2.60	5120	558	72900	2.50			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =1.50kw						
1.40	9620	1043	38400	0.85	KR 137 KRF77 KRF 137 KRF77	Y..90L-4 AM90 AD2
1.60	8170	888	53000	1.00		
2.00	6400	699	56400	1.25		
2.40	5550	609	57700	1.45		
1.30	10000	1090	27000	0.80	KR 137 KRF77 KRF 137 KRF77	Y..90L-4 AM90 AD3
1.50	8800	951	50500	0.90		
1.70	7630	831	54200	1.05		
2.00	6670	730	55900	1.20		
2.30	5710	629	57400	1.40		
2.90	4460	490	59000	1.80		
3.30	3890	428	59600	2.00		
2.60	5150	560	58200	1.55	KR 137 KRF77 KRF 137 KRF77	Y..90L-4 AM90 AD4
3.80	3500	381	59900	2.30		
4.40	2970	323	60400	2.70		
2.70	4830	528	21700	0.90	KR 107 KRF77 KRF 107 KRF77	Y..90L-4 AM90 AD2
2.60	4950	544	15700	0.85	KR 107 KRF77 KRF 107 KRF77	Y..90L-4 AM90 AD4
2.90	4470	492	28500	0.95		
3.40	3790	417	31900	1.15		
3.90	3380	369	33600	1.25		
4.40	2960	323	35100	1.45		
3.00	4400	469	28900	1.00	KR 107 KRF77 KRF 107 KRF77	Y..90L-4 AM90 AD3
4.20	3120	336	14100	0.95	KR 97 KRF57 KRF 97 KRF57	Y..90L-4 AM90 AD3
4.80	2740	296	22700	1.10		
5.70	2300	249	25100	1.30		
6.10	2140	234	25800	1.40		
6.80	1920	209	26700	1.55		
3.70	3820	251.15	31800	1.10	KR 107 KRF 107	Y..100L-6 AM100 AD3
4.10	3500	229.95	33200	1.25		
4.60	3090	203.16	34600	1.40		
5.40	2620	172.34	36000	1.65		
5.90	2410	158.68	36300	1.80		
6.60	2160	141.83	36600	2.00		
6.60	2160	216.28	25700	1.40	KR 97 KRF 97	Y..90L-4 AM90 AD3
7.70	1860	186.30	26900	1.60		
8.40	1700	170.02	27300	1.75		
9.50	1510	150.78	27600	2.00		
11.0	1260	126.75	27900	2.40		
12.0	1160	116.48	28100	2.60		
14.0	1030	103.44	28200	2.90		
15.0	920	92.48	28300	3.20		
7.90	1820	181.77	13200	0.85	KR 87 KRF 87	Y..90L-4 AM90 AD2
9.20	1550	155.34	16900	1.00		
10.0	1420	142.41	17700	1.10		
11.0	1250	124.97	18700	1.25		
12.0	1180	118.43	19000	1.30		
14.0	1030	103.65	19700	1.50		

n ₁ [1/min]	M ₁ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =1.50kw						
15.0	930	93.38	20000	1.65	KR 87 KRF 87	Y..90L-4 AM90 AD2
17.0	820	81.92	20000	1.90		
20.0	725	72.57	20000	2.10		
22.0	635	63.68	20000	2.40		
24.0	600	60.35	20000	2.60		
27.0	525	52.82	20000	2.90		
30.0	475	47.58	20000	3.20		
34.0	415	41.74	20000	3.70	KR 87 KRF 87	Y..90L-4 AM90 AD3
39.0	365	36.84	19500	4.20		
15.0	930	92.97	8750	0.90	KR 77 KRF 77	Y..90L-4 AM90 AD2
17.0	810	81.80	9930	1.00		
19.0	770	77.24	10300	1.05		
22.0	655	65.77	11200	1.25		
25.0	575	57.68	11700	1.40	KR 77 KRF 77	Y..90L-4 AM90 AD2
27.0	520	52.07	12000	1.55		
31.0	455	45.81	12300	1.80		
33.0	430	43.26	12400	1.90		
39.0	365	36.83	12600	2.20		
43.0	335	33.47	12700	2.40	KR 77 KRF 77	Y..90L-4 AM90 AD2
49.0	290	29.00	12500	2.80		
57.0	250	25.23	12000	3.10		
61.0	230	23.37	11700	3.50	KR 77 KRF 77	Y..90L-4 AM90 AD3
67.0	210	21.43	11400	3.80		
76.0	188	18.80	11000	4.10		
23.0	610	61.26	7390	1.00	KR 67 KRF 67	Y..90L-4 AM90 AD2
25.0	565	56.89	7900	1.05		
28.0	515	51.56	8440	1.15		
31.0	460	46.29	8880	1.30	KR 67 KRF 67	Y..90L-4 AM90 AD2
36.0	395	39.88	9340	1.45		
38.0	375	37.5	9490	1.50		
44.0	320	32.27	9770	1.65		
50.0	285	28.83	9930	1.80	KR 67 KRF 67	Y..90L-4 AM90 AD2
51.0	280	28.13	9950	1.90		
54.0	265	26.72	9810	2.00		
61.0	230	23.44	9460	2.40		
72.0	199	19.89	9030	3.00	KR 67 KRF 67	Y..90L-4 AM90 AD3
80.0	180	17.95	8770	3.30		
27.0	530	53.22	5450	0.85	KR 57 KRF 57	Y..90L-4 AM90 AD2
30.0	480	48.23	6000	0.95		
33.0	430	43.30	5900	1.05		
38.0	370	37.30	5760	1.20	KR 57 KRF 57	Y..90L-4 AM90 AD2
41.0	350	35.07	5690	1.30		
47.0	300	30.18	5530	1.50		
53.0	270	26.97	5400	1.65		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =1.50kw						
54.0	260	26.31	5370	1.70	KR KRF 57	Y..90L-4 AM90 AD2
57.0	250	24.99	5310	1.80		
65.0	215	21.93	5160	2.00		
77.0	186	18.60	4960	2.40		
85.0	168	16.79	4840	2.70		
97.0	148	14.77	4680	2.90		
103	140	13.95	4610	3.10	KR 57	Y..90L-4
120	119	11.88	4420	3.40	KRF 57	AM90 AD3
39.0	365	36.93	2750	0.80	KR KRF 47	Y..90L-4 AM90 AD2
41.0	345	34.73	4130	0.85		
48.0	295	29.88	4210	1.00		
54.0	265	26.70	4130	1.10		
61.0	235	23.59	4040	1.25		
61.0	230	23.28	4030	1.30	KR KRF 47	Y..90L-4 AM90 AD2
66.0	215	21.81	3980	1.35		
74.0	193	19.27	3870	1.55		
80.0	179	17.89	3810	1.60		
88.0	162	16.22	3730	1.70		
98.0	146	14.56	3640	1.80	KR KRF 47	Y..90L-4 AM90 AD2
114	126	12.54	3510	2.00		
121	118	11.79	3460	2.10		
141	102	10.15	3330	2.30		
158	91	9.07	3230	2.40		
178	80	8.01	3120	2.60	KR KRF 47	Y..90L-4 AM90 AD2
184	78	7.76	3050	2.10		
205	70	6.96	2970	2.30		
238	60	6	2850	2.60		
254	56	5.64	2800	2.70		
295	49	4.85	2690	3.10	KR KRF 47	Y..90L-4 AM90 AD3
330	43	4.34	2600	3.40		
373	38	3.83	2510	3.80		
74.0	193	19.31	2700	1.05		
79.0	181	18.05	2880	1.10		
92.0	156	15.60	3190	1.30	KR KRF 37	Y..90L-4 AM90 AD2
108	133	13.25	3340	1.45		
121	118	11.83	3260	1.55		
141	101	10.11	3140	1.70		
151	95	9.47	3100	1.75		
179	80	7.97	2970	1.95	KR KRF 37	Y..90L-4 AM90 AD2
214	67	6.67	2810	2.20		
252	57	5.67	2700	2.50		
283	51	5.06	2620	2.70		
331	43	4.32	2510	2.90		
353	40	4.05	2460	3.00	KR KRF 37	Y..90S-2 AM90 AD2
419	34	3.41	2350	3.30		
214	67	13.25	2840	2.80		
239	60	11.83	2760	3.10		
280	51	10.11	2640	3.30		

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =1.50kw						
299	48	9.47	2600	3.50	KR 37	Y..90S-2
355	40	7.97	2480	3.90	KRF 37	AM90 AD2
91.0	157	15.63	1740	0.85	KR KRF 27	Y..90L-4 AM90 AD2
108	133	13.28	2050	1.00		
121	119	11.86	2070	1.10		
141	101	10.13	2020	1.20		
175	82	8.16	1880	1.40		
188	76	7.63	1860	1.45	KR KRF 27	Y..90L-4 AM90 AD2
217	66	6.59	1810	1.60		
255	56	5.60	1750	1.75		
286	50	5.00	1700	1.90		
335	43	4.27	1640	2.00		
358	40	4.00	1620	2.10	KR KRF 27	Y..90S-2 AM90 AD2
424	34	3.37	1550	2.30		
239	60	11.86	1820	2.20		
279	51	10.13	1750	2.40		
347	41	8.16	1630	2.80		
371	39	7.63	1600	2.90	KR KRF 27	Y..90S-2 AM90 AD2
429	33	6.59	1550	3.20		
505	28	5.60	1480	3.50		
566	25	5.00	1440	3.80		
663	22	4.27	1380	4.00		
708	20	4.00	1360	4.20	KRX KRXF 77	Y..90L-4 AM90 AD2
840	17	3.37	1290	4.60		
254	56	5.63	5560	1.95		
267	54	5.35	5470	1.90		
302	47	4.73	5270	2.60		
354	40	4.04	5030	3.50	KRX KRXF 77	Y..90L-4 AM90 AD3
386	37	3.7	4900	4.10		
440	33	3.25	4700	5.60		
464	31	3.08	4620	6.20		
530	27	2.7	4430	8.00		
589	24	2.43	4290	8.80	KRX KRXF 67	Y..90L-4 AM90 AD2
316	45	4.53	3560	1.80		
333	43	4.30	3510	1.85		
379	38	3.77	3380	2.30		
447	32	3.20	3220	3.10		
495	29	2.89	3120	3.70	KRX KRXF 67	Y..90L-4 AM90 AD3
563	26	2.54	3010	4.60		
596	24	2.40	2950	5.10		
700	20	2.04	2810	6.50		
770	19	1.86	2730	6.80		
889	16	1.61	2610	7.10	KRX KRXF 57	Y..90L-4 AM90 AD2
1020	14	1.40	2500	7.40		
377	38	3.79	2690	1.80		
403	36	3.55	2640	1.95		
456	31	3.14	2550	2.10		
491	29	2.91	2500	2.30		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n:	M _L	i	Fr	K	Frame size	Input Configuration
[1/min]	[Nm]		[N]			
P=1.50kw						
542	26	2.64	2430	2.60	KRX 57 KRXF 57	Y..90L-4 AM90 AD2
603	24	2.37	2350	2.90	KRX 57 KRXF 57	Y..90L-4 AM90 AD3
700	20	2.04	2250	3.40		
745	19	1.92	2210	3.60		
866	16	1.65	2120	4.20		
969	15	1.48	2040	4.60		
1095	13	1.30	1970	4.80		
P=2.20kw						
0.85	22300	1670	120000	0.80	KR 167 KRF97 KRF 167 KRF97	Y..100L-4 AM100 AD5
1.30	15100	1123	120000	1.20		
1.40	13400	999	120000	1.35		
1.60	11600	861	120000	1.55		
2.20	8620	656	120000	2.10		
0.99	19400	1438	120000	0.90	KR 167 KRF97 KRF 167 KRF97	Y..100L-4 AM100 AD4
1.10	17300	1279	120000	1.05		
1.90	10200	760	120000	1.75		
3.10	6120	462	72100	2.10	KR 147 KRF87 KRF 147 KRF87	Y..100L-4 AM100 AD4
2.70	7110	533	71200	1.85	KR 147 KRF87 KRF 147 KRF87	Y..100L-4 AM100 AD5
3.30	5750	426	72400	2.30		
3.90	4970	368	73000	2.60		
4.40	4390	326	73300	3.00		
1.20	15800	1166	38600	0.80	KR 147 KRF77 KRF 147 KRF77	Y..100L-4 AM100 AD3
1.40	13900	1029	60600	0.95		
1.60	12000	889	64400	1.10		
1.80	10600	784	66800	1.20		
2.00	9410	695	68600	1.40	KR 147 KRF77 KRF 147 KRF77	Y..100L-4 AM100 AD4
2.30	8450	619	69800	1.55		
2.60	7600	558	70700	1.70		
2.90	6650	489	71600	1.95		
2.00	9510	699	40600	0.85	KR 137 KRF77 KRF 137 KRF77	Y..100L-4 AM100 AD2
2.30	8260	609	52800	0.95		
2.00	9920	730	31700	0.80	KR 137 KRF77 KRF 137 KRF77	Y..100L-4 AM100 AD3
2.30	8510	629	51800	0.95		
2.90	6640	490	56000	1.20		
3.30	5790	428	57300	1.40		
2.50	7640	560	54100	1.05	KR 137 KRF77 KRF 137 KRF77	Y..100L-4 AM100 AD4
3.70	5200	381	58100	1.55		
4.40	4410	323	59100	1.80	KR 137 KRF77 KRF 137 KRF77	Y..100L-4 AM100 AD4
4.90	3970	291	59500	2.00		
5.60	3470	255	60000	2.30		
6.40	3040	223	60300	2.60		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=2.20kw						
4.40	4400	323	28900	1.00	KR 107 KRF77 KRF 107 KRF77	Y..100L-4 AM100 AD4
5.00	3870	285	31600	1.10		
5.60	3420	253	33400	1.25		
6.60	2900	214	35200	1.50		
4.40	4490	325	28400	0.95	KR 107 KRF77 KRF 107 KRF77	Y..100L-4 AM100 AD3
6.80	2840	209	22000	1.05	KR 97 KRF57 KRF 97 KRF57	Y..100L-4 AM100 AD3
4.70	4460	203.16	28500	0.95	KR 107 KRF 107	Y..112M-6 AM112 AD3
5.50	3790	172.34	32000	1.15		
6.00	3490	158.68	33200	1.25		
6.70	3120	141.83	34600	1.40		
5.70	3700	251.15	32300	1.15	KR 107 KRF 107	Y..100L-4 AM100 AD3
6.20	3390	229.95	33600	1.25		
7.00	2990	203.16	35000	1.45		
8.30	2540	172.34	36100	1.70	KR 107 KRF 107	Y..100L-4 AM100 AD3
9.00	2330	158.68	36400	1.85		
10.0	2090	141.83	36700	2.10		
11.0	1880	127.68	36900	2.30		
12.0	1700	115.63	37100	2.50		
14.0	1510	102.53	37200	2.80		
15.0	1360	92.7	37300	3.20		
6.60	3180	216.28	10200	0.95	KR 97 KRF 97	Y..100L-4 AM100 AD3
7.60	2740	186.30	22700	1.10		
8.40	2500	170.02	24000	1.20		
9.40	2220	150.78	25400	1.35	KR 97 KRF 97	Y..100L-4 AM100 AD3
11.0	1860	126.75	26900	1.60		
12.0	1710	116.48	27300	1.75		
14.0	1520	103.44	27600	1.95		
15.0	1360	92.48	27800	2.20		
17.0	1220	83.15	28000	2.40		
20.0	1060	72.17	28200	2.80		
22.0	960	65.21	27600	3.10		
24.0	880	59.92	26900	3.40		
27.0	780	53.21	26000	3.80	KR 97 KRF 97	Y..100L-4 AM100 AD3
30.0	700	47.58	25200	4.30	KR 97 KRF 97	Y..100L-4 AM100 AD4
11.0	1840	124.97	11700	0.85	KR 87 KRF 87	Y..100L-4 AM100 AD2
12.0	1740	118.43	15400	0.90		
14.0	1520	103.65	17100	1.00		
15.0	1370	93.38	18000	1.15		
17.0	1200	81.92	18900	1.30		
20.0	1060	72.57	19600	1.45		
22.0	930	63.68	20000	1.65		
24.0	880	60.35	20000	1.75		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =2.20kw						
27.0	775	52.82	20000	2.00	KR 87	Y..100L _i -4
30.0	700	47.58	20000	2.20	KRF 87	AM100 AD2
34.0	615	41.74	19800	2.50	KR 87	Y..100L _i -4
39.0	540	36.84	19100	2.80	KRF 87	AM100 AD3
44.0	480	32.66	18500	3.20		
41.0	505	34.40	18800	3.00	KR 87	Y..100L _i -4
45.0	460	31.40	18300	3.40	KRF 87	AM100 AD3
51.0	410	27.84	17600	3.80	KR 87	Y..100L _i -4
61.0	345	23.40	16700	4.50	KRF 87	AM100 AD4
66.0	315	21.51	16300	4.70		
22.0	960	65.77	6520	0.85		
25.0	850	57.68	9630	0.95		
27.0	765	52.07	10400	1.05	KR 77	Y..100L _i -4
31.0	675	45.81	11100	1.20	KRF 77	AM100 AD2
33.0	635	43.26	11300	1.30		
39.0	540	36.83	11900	1.50		
43.0	490	33.47	12100	1.65	KR 77	Y..100L _i -4
49.0	425	29.00	12100	1.90	KRF 77	AM100 AD2
56.0	370	25.23	11600	2.10		
61.0	340	23.37	11400	2.40		
66.0	315	21.43	11100	2.60	KR 77	Y..100L _i -4
76.0	275	18.80	10700	2.80	KRF 77	AM100 AD3
80.0	260	17.82	10600	3.00		
91.0	225	15.60	10200	3.20		
101	205	14.05	9880	3.50		
36.0	585	39.88	7700	1.00		
38.0	550	37.50	8080	1.05	KR 67	Y..100L _i -4
44.0	475	32.27	8790	1.15	KRF 67	AM100 AD2
49.0	425	28.83	9170	1.20		
61.0	345	23.44	9110	1.60	KR 67	Y..100L _i -4
					KRF 67	AM100 AD2
72.0	290	19.89	8740	2.00		
79.0	260	17.95	8510	2.20		
90.0	230	15.79	8220	2.40		
96.0	215	14.91	8090	2.50	KR 67	Y..100L _i -4
112	187	12.70	7740	2.80	KRF 67	AM100 AD3
123	170	11.54	7530	2.90		
143	147	10.00	7230	3.20		
164	128	8.70	6940	3.40		
183	115	7.79	6730	3.30		
38.0	545	37.30	4750	0.80	KR 57	Y..100L _i -4
41.0	515	35.07	5100	0.85	KRF 57	AM100 AD2
47.0	445	30.18	5020	1.00		
53.0	395	26.97	4950	1.15		

n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =2.20kw						
65.0	320	21.93	4790	1.40		
77.0	270	18.60	4650	1.65	KR 57	Y..100L _i -4
85.0	245	16.79	4560	1.80	KRF 57	AM100 AD2
96.0	215	14.77	4440	2.00		
102	205	13.95	4380	2.10		
120	175	11.88	4220	2.30		
132	159	10.79	4130	2.40	KR 57	Y..100L _i -4
152	138	9.35	3980	2.70	KRF 57	AM100 AD3
157	134	9.06	3970	2.80		
179	118	7.97	3840	3.00		
131	160	21.93	4130	2.80		
155	136	18.60	3970	3.30	KR 57	Y..90L-2
172	122	16.79	3870	3.70	KRF 57	AM90 AD2
195	108	14.77	3740	4.00		
206	102	13.95	3680	4.20	KR 57	Y..90L-2
					KRF 57	AM90 AD3
74.0	280	19.27	3550	1.05		
88.0	235	16.22	3460	1.15	KR 47	Y..100L _i -4
98.0	210	14.56	3390	1.25	KRF 47	AM100 AD2
114	185	12.54	3300	1.35		
121	174	11.79	3260	1.40		
140	150	10.15	3160	1.55		
157	134	9.07	3080	1.65		
178	118	8.01	2990	1.75		
184	114	7.76	2900	1.45	KR 47	Y..100L _i -4
205	103	6.96	2830	1.55	KRF 47	AM100 AD2
238	88	6.00	2730	1.75		
253	83	5.64	2690	1.85		
294	72	4.85	2590	2.10		
329	64	4.34	2520	2.30		
372	56	3.83	2440	2.60	KR 47	Y..100L _i -4
					KRF 47	AM100 AD3
149	140	19.27	3110	2.10		
178	118	16.22	2990	2.30		
198	106	14.56	2920	2.50		
230	92	12.54	2810	2.70	KR 47	Y..90L-2
244	86	11.79	2760	2.80	KRF 47	AM90 AD2
284	74	10.15	2660	3.10		
318	66	9.07	2580	3.30		
359	58	8.01	2490	3.50		
91.0	230	15.60	1110	0.85	KR 37	Y..100L _i -4
108	195	13.25	1690	0.95	KRF 37	AM100 AD2
120	174	11.83	2010	1.05		
141	149	10.11	2380	1.15		
151	140	9.47	2500	1.20		
179	118	7.97	2760	1.35	KR 37	Y..100L _i -4
214	98	6.67	2480	1.45	KRF 37	AM100 AD2
252	84	5.67	2560	1.70		
282	75	5.06	2500	1.80		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _z [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =2.20kw							
330	64	4.32	2400	2.00	KR	37	Y..100L ₁ -4
352	60	4.05	2370	2.00	KRF	37	AM100
418	50	3.41	2270	2.20			AD2
185	114	15.6	2780	1.75	KR	37	Y..90L-2
217	97	13.25	2680	1.95	KRF	37	AM90
243	86	11.83	2620	2.10			AD2
285	74	10.11	2520	2.30	KR	37	Y..90L-2
304	69	9.47	2480	2.40	KRF	37	AM90
361	58	7.97	2380	2.70			AD2
432	49	6.67	2250	3.00			
508	41	5.67	2150	3.40			
569	37	5.06	2090	3.70	KR	37	Y..90L-2
666	32	4.32	2000	4.00	KRF	37	AM90
712	30	4.05	1960	4.10			AD2
845	25	3.41	1870	4.50			
141	149	10.13	1140	0.80			
216	97	6.59	1150	1.10			
254	83	5.60	1410	1.20	KR	27	Y..100L ₁ -4
285	74	5.00	1550	1.30	KRF	27	AM100
334	63	4.27	1530	1.40			AD2
356	59	4.00	1510	1.45			
423	50	3.37	1460	1.6			
217	97	13.28	1710	1.35			
243	86	11.86	1680	1.50			
284	74	10.13	1630	1.65			
437	48	6.59	1450	2.20	KR	27	Y..90L-2
514	41	5.60	1400	2.40	KRF	27	AM90
576	36	5.00	1370	2.60			AD2
674	31	4.27	1320	2.80			
720	29	4.00	1300	2.90			
855	25	3.37	1240	3.20			
301	70	4.73	5160	1.75	KRX	77	Y..100L ₁ -4
353	60	4.04	4930	2.40	KRXF	77	AM100
385	55	3.70	4810	2.80			AD3
438	48	3.25	4620	3.80			
463	45	3.08	4550	4.20			
529	40	2.70	4370	5.40			
587	36	2.43	4230	6.00	KRX	77	Y..100L ₁ -4
669	31	2.13	4060	6.40	KRXF	77	AM100
758	28	1.88	3910	6.80			AD4
855	25	1.67	3760	7.00			
1000	21	1.42	3580	7.40			
378	56	3.77	3270	1.55	KRX	67	Y..100L ₁ -4
					KRXF	67	AM100
							AD2
445	47	3.20	3120	2.10			
493	43	2.89	3040	2.50			
561	38	2.54	2930	3.20	KRX	67	Y..100L ₁ -4
594	35	2.40	2880	3.50	KRXF	67	AM100
697	30	2.04	2750	4.40			AD3

n: [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =2.20kw							
767	27	1.86	2670	4.60	KRX	67	Y..100L ₁ -4
886	24	1.61	2560	4.80	KRXF	67	AM100
1020	21	1.40	2450	5.00			AD3
454	46	3.14	2440	1.40	KRX	57	Y..100L ₁ -4
540	39	2.64	2340	1.75	KRXF	57	AM100
							AD2
601	35	2.37	2270	2.00			
698	30	2.04	2180	2.30			
742	28	1.92	2140	2.40	KRX	57	Y..100L ₁ -4
862	24	1.65	2060	2.80	KRXF	57	AM100
965	22	1.48	1990	3.10			AD3
1090	19	1.30	1920	3.30			
P ₁ =3.00kw							
1.90	13800	760	120000	1.30	KR	167 KRF97	Y..100L ₁ -4
					KRF	167 KRF97	AM100
							AD4
1.30	20300	1123	120000	0.90			
1.50	18100	999	120000	1.00			
1.70	15600	861	120000	1.15	KR	167 KRF97	Y..100L ₁ -4
2.20	11600	656	120000	1.55	KRF	167 KRF97	AM100
2.90	8950	503	120000	2.00			AD5
3.20	8270	462	70000	1.55	KR	147 KRF87	Y..100L ₁ -4
					KRF	147 KRF87	AM100
							AD4
2.70	9590	533	68300	1.35			
3.40	7740	426	70600	1.70			
4.00	6680	368	71600	1.95	KR	147 KRF87	Y..100L ₁ -4
4.50	5910	326	72300	2.20	KRF	147 KRF87	AM100
5.20	5010	280	72900	2.60			AD5
1.60	16200	889	33100	0.80			
1.90	14200	784	58800	0.90	KR	147 KRF77	Y..100L ₁ -4
2.10	12600	695	63300	1.05	KRF	147 KRF77	AM100
							AD3
2.40	11300	619	65700	1.15	KR	147 KRF77	Y..100L ₁ -4
2.60	10200	558	67500	1.25	KRF	147 KRF77	AM100
							AD4
3.00	8920	490	50000	0.90	KR	137 KRF77	Y..100L ₁ -4
3.40	7790	428	53800	1.05	KRF	137 KRF77	AM100
							AD3
3.80	6980	381	55400	1.15			
4.50	5920	323	57200	1.35			
5.00	5330	291	58000	1.50	KR	137 KRF77	Y..100L ₁ -4
5.70	4650	255	58800	1.70	KRF	137 KRF77	AM100
6.50	4080	223	59400	1.95			AD4
2.80	9600	517	38800	0.85	KR	137 KRF77	Y..100L ₁ -4
3.20	8420	453	52200	0.95	KRF	137 KRF77	AM100
							AD3

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =3.00kw						
5.80	4600	253	27700	0.95	KR 107 KRF 107	Y..100L ₁ -4 AM100 AD4
6.80	3900	214	31500	1.10		
7.80	3400	187	33500	1.25		
5.70	4730	256	25500	0.90	KR 107 KRF 107	Y..100L ₁ -4 AM100 AD3
6.00	4760	158.68	24600	0.90	KR 107 KRF 107	Y..132S-6 AM132 AD3
6.70	4250	141.83	29700	1.00		
7.50	3830	127.68	31800	1.10		
6.30	4520	229.95	28200	0.95	KR 107 KRF 107	Y..100L ₁ -4 AM100 AD3
7.20	4000	203.16	31000	1.10		
8.40	3390	172.34	33600	1.25		
9.20	3120	158.68	34500	1.40	KR 107 KRF 107	Y..100L ₁ -4 AM100 AD3
10.0	2790	141.83	35600	1.55		
11.0	2510	127.68	36200	1.70		
13.0	2270	115.63	36500	1.90		
14.0	2010	102.53	36800	2.10		
16.0	1820	92.70	37000	2.40		
19.0	1540	78.57	35500	2.80		
20.0	1430	72.88	34800	3.00		
9.60	2960	150.78	20900	1.00	KR 97 KRF 97	Y..100L ₁ -4 AM100 AD3
11.0	2490	126.75	24100	1.20		
12.0	2290	116.48	25100	1.30		
14.0	2030	103.44	26200	1.45		
16.0	1820	92.48	27000	1.65		
18.0	1630	83.15	27400	1.85		
20.0	1420	72.17	27500	2.10		
22.0	1280	65.21	26700	2.30		
24.0	1170	59.92	26100	2.50		
27.0	1040	53.21	25300	2.90		
31.0	930	47.58	24500	3.20	KR 97 KRF 97	Y..100L ₁ -4 AM100 AD4
34.0	840	42.78	23800	3.60		
39.0	730	37.13	22800	4.10		
44.0	650	33.25	22100	4.40	KR 87 KRF 87	Y..100L ₁ -4 AM100 AD2
16.0	1830	93.38	12000	0.85		
18.0	1610	81.92	16500	0.95		
20.0	1420	72.57	17700	1.10		
23.0	1250	63.68	18700	1.25	KR 87 KRF 87	Y..100L ₁ -4 AM100 AD2
24.0	1180	60.35	19000	1.30		
28.0	1030	52.82	19700	1.50		
31.0	930	47.58	19800	1.65	KR 87 KRF 87	Y..100L ₁ -4 AM100 AD3
35.0	820	41.74	19200	1.90		
40.0	725	36.84	18500	2.10		
45.0	640	32.66	17900	2.40		
52.0	545	27.88	17200	2.70	KR 87 KRF 87	Y..100L ₁ -4 AM100 AD3
42.0	675	34.40	18200	2.20		
46.0	615	31.40	17800	2.50		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =3.00kw						
52.0	545	27.84	17200	2.80	KR 87 KRF 87	Y..100L ₁ -4 AM100 AD4
62.0	460	23.40	16300	3.40		
68.0	420	21.51	15900	3.50		
76.0	375	19.10	15400	3.80		
85.0	335	17.08	14900	4.10		
95.0	300	15.35	14400	4.40	KR 77 KRF 77	Y..100L ₁ -4 AM100 AD2
32.0	900	45.81	9090	0.90		
34.0	850	43.26	9620	0.95		
40.0	725	36.83	10700	1.15		
43.0	655	33.47	11200	1.25		
50.0	570	29.00	11600	1.45	KR 77 KRF 77	Y..100L ₁ -4 AM100 AD2
58.0	495	25.23	11200	1.55		
62.0	460	23.37	11000	1.80	KR 77 KRF 77	Y..100L ₁ -4 AM100 AD3
68.0	420	21.43	10700	1.95		
77.0	370	18.80	10400	2.10		
82.0	350	17.82	10200	2.20		
93.0	305	15.60	9880	2.40		
104	275	14.05	9600	2.60		
118	240	12.33	9250	2.80		
134	210	10.88	8930	3.10		
151	190	9.64	8630	3.30	KR 77 KRF 77	Y..100L ₁ -4 AM100 AD4
169	169	8.59	8400	3.70		
188	152	7.74	8150	4.00		
214	134	6.79	7830	4.30	KR 67 KRF 67	Y..100L ₁ -4 AM100 AD3
73.0	390	19.89	8350	1.55		
81.0	350	17.95	8150	1.65		
92.0	310	15.79	7900	1.80		
98.0	290	14.91	7790	1.85	KR 67 KRF 67	Y..100L ₁ -4 AM100 AD2
62.0	460	23.44	8660	1.20		
115	250	12.70	7470	2.10		
126	225	11.54	7290	2.20	KR 67 KRF 67	Y..100L ₁ -4 AM100 AD3
146	197	10.00	7010	2.40		
54.0	530	26.97	4430	0.85	KR 57 KRF 57	Y..100L ₁ -4 AM100 AD2
66.0	430	21.93	4360	1.05		
78.0	365	18.60	4280	1.25	KR 57 KRF 57	Y..100L ₁ -4 AM100 AD2
87.0	330	16.79	4220	1.35		
98.0	290	14.77	4140	1.50	KR 57 KRF 57	Y..100L ₁ -4 AM100 AD2
104	270	13.95	4100	1.55		
122	230	11.88	3980	1.75		
135	210	10.79	3900	1.85		
156	184	9.35	3790	2.00		
161	178	9.06	3780	2.10		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=3.00kw							
183	157	7.97	3670	2.30	KR KRF	57	Y..100L-4 AM100 AD3
193	148	7.53	3620	2.40			
227	126	6.41	3480	2.60			
250	115	5.82	3400	2.80			
288	99	5.05	3280	3.10			
331	86	4.39	3160	3.20			
130	220	21.93	3930	2.00	KR KRF	57	Y..100L-2 AM100 AD2
153	187	18.60	3800	2.40			
170	169	16.79	3720	2.70			
193	148	14.77	3610	2.90	KR KRF	57 57	Y..100L-2 AM100 AD2
204	140	13.95	3560	3.10	KR KRF	57 57	Y..100L-2 AM100 AD3
240	119	11.88	3420	3.40			
264	108	10.79	3340	3.60			
90.0	315	16.22	2200	0.85	KR KRF	47 47	Y..100L-4 AM100 AD2
100	285	14.56	2650	0.90			
116	245	12.54	3040	1.00			
123	230	11.79	3020	1.05	KR KRF	47 47	Y..100L-4 AM100 AD2
143	200	10.15	2950	1.15			
160	178	9.07	2890	1.25			
182	158	8.01	2820	1.30			
188	153	7.76	2720	1.05			
209	137	6.96	2660	1.15	KR KRF	47 47	Y..100L-4 AM100 AD2
243	118	6.00	2590	1.30			
258	111	5.64	2560	1.40			
300	96	4.85	2470	1.55			
336	85	4.34	2410	1.70			
380	75	3.83	2340	1.90	KR KRF	47 47	Y..100L-4 AM100 AD3
242	119	11.79	2660	2.10	KR KRF	47 47	Y..100L-2 AM100 AD2
281	102	10.15	2570	2.20			
314	91	9.07	2500	2.40			
356	80	8.01	2420	2.60			
368	78	7.76	2360	2.10			
409	70	6.96	2300	2.30			
475	60	6.00	2210	2.60			
505	57	5.64	2180	2.70	KR KRF	47 47	Y..100L-2 AM100 AD2
587	49	4.85	2090	3.10			
657	44	4.34	2030	3.40			
744	38	3.83	1960	3.70	KR KRF	47 47	Y..100L-2 AM100 AD3
144	199	10.11	920	0.85	KR KRF	37 37	Y..100L-4 AM100 AD2
154	186	9.47	1130	0.90			
182	157	7.97	1610	1.00			

n: [1/min]	M: [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=3.00kw							
218	131	6.67	1350	1.10	KR KRF	37 37	Y..100L-4 AM100 AD2
257	112	5.67	1700	1.25			
288	100	5.06	1900	1.35			
337	85	4.32	2110	1.50			
360	80	4.05	2180	1.55			
427	67	3.41	2160	1.65			
282	102	10.11	2360	1.65	KR KRF	37 37	Y..100L-2 AM100 AD2
301	95	9.47	2370	1.75			
357	80	7.97	2280	1.95			
427	67	6.67	2160	2.20	KR KRF	37 37	Y..100L-2 AM100 AD2
503	57	5.67	2080	2.50			
563	51	5.06	2020	2.60			
660	43	4.32	1950	2.90			
704	41	4.05	1910	3.00			
836	34	3.41	1830	3.30			
260	110	5.60	450	0.90	KR KRF	27 27	Y..100L-4 AM100 AD2
291	98	5.00	695	0.95			
341	84	4.27	970	1.05			
364	79	4.00	1070	1.10			
432	66	3.37	1280	1.20			
432	66	6.59	1280	1.60	KR KRF	27 27	Y..100L-2 AM100 AD2
509	56	5.60	1320	1.75			
570	50	5.00	1300	1.90			
667	43	4.27	1260	2.00	KR KRF	27 27	Y..100L-2 AM100 AD2
712	40	4.00	1240	2.10			
846	34	3.37	1190	2.30			
225	127	6.45	7050	1.50	KRX KRXF	87 87	Y..100L-4 AM100 AD3
262	110	5.56	6760	2.00			
287	100	5.07	6580	2.50			
323	89	4.50	6350	3.30	KRX KRXF	87 87	Y..100L-4 AM100 AD4
385	74	3.78	6040	4.10			
308	93	4.73	5000	1.30	KRX KRXF	77 77	Y..100L-4 AM100 AD3
360	80	4.04	4780	1.80			
393	73	3.70	4670	2.10			
448	64	3.25	4500	2.80	KRX KRXF	77 77	Y..100L-4 AM100 AD4
472	61	3.08	4430	3.20			
386	74	3.77	3120	1.50	KRX KRXF	67 67	Y..100L-4 AM100 AD2
455	63	3.20	3000	1.60	KRX KRXF	67 67	Y..100L-4 AM100 AD3
504	57	2.89	2920	1.85			
572	50	2.54	2820	2.40			
606	47	2.40	2780	2.60			
712	40	2.04	2660	3.30			
783	37	1.86	2590	3.40			
904	32	1.61	2480	3.60			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =3.00kw						
1040	28	1.40	2380	3.80	KRX 67 KRXF 67	Y..100L-4 AM100 AD3
464 551	62 52	3.14 2.64	2310 2220	1.05 1.35	KRX 57 KRXF 57	Y..100L-4 AM100 AD2
614 713 758 881 986 1115	47 40 38 32 29 26	2.37 2.04 1.92 1.65 1.48 1.30	2160 2080 2050 1970 1910 1850	1.50 1.70 1.85 2.10 2.30 2.40	KRX 57 KRXF 57	Y..100L-4 AM100 AD3
P _i =4.00kw						
1.90	18400	760	120000	1.00	KR 167 KRF97 KRF 167 KRF97	Y..112M-4 AM112 AD4
1.70 2.20 2.90	20800 15600 12000	861 656 503	120000 120000 120000	0.85 1.15 1.50	KR 167 KRF97 KRF 167 KRF97	Y..112M-4 AM112 AD5
3.90 4.40	8990 8000	376 335	120000 120000	2.00 2.20	KR 167 KRF97 KRF 167 KRF97	Y..112M-4 AM112 AD5
3.20	11000	462	66100	1.15	KR 147 KRF87 KRF 147 KRF87	Y..112M-4 AM112 AD4
2.70 3.40 4.00 4.50 5.20 5.90 6.80 7.70 9.20	12800 10300 8930 7890 6720 5930 5120 4530 3810	533 426 368 326 280 247 214 189 159	63000 67300 69200 70400 71600 72300 72900 73200 73600	1.00 1.25 1.45 1.65 1.95 2.20 2.50 2.90 3.40	KR 147 KRF87 KRF 147 KRF87	Y..112M-4 AM112 AD5
2.40 2.60 3.00 3.50	15100 13600 11900 10100	619 558 489 415	48900 61400 64700 67600	0.85 0.95 1.10 1.30	KR 147 KRF77 KRF 147 KRF77	Y..112M-4 AM112 AD4
3.80 4.50 5.00 5.70 6.50	9300 7890 7100 6210 5440	381 323 291 255 223	44400 53600 55200 56700 57800	0.85 1.00 1.15 1.30 1.45	KR 137 KRF77 KRF 137 KRF77	Y..112M-4 AM112 AD4
3.90 4.30 4.90	9290 8360 7320	376 339 297	44600 52400 54800	0.85 0.95 1.10	KR 137 KRF77 KRF 137 KRF77	Y..112M-4 AM112 AD3
7.80	4550	187	28000	0.95	KR 107 KRF77 KRF 107 KRF77	Y..112M-4 AM112 AD4

n _i [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =4.00kw						
7.60	4750	193	24700	0.90	KR 107 KRF77 KRF 107 KRF77	Y..112M-4 AM112 AD3
8.50	4250	172	29700	1.00	KR 107 KRF77 KRF 107 KRF77	Y..112M-4 AM112 AD4
4.30 5.10 5.50 6.10	8850 7490 6930 6210	222.60 188.45 174.40 156.31	50300 54400 55500 56700	0.90 1.05 1.15 1.30	KR 137 KRF 137	Y..132M-6 AM132 AD4
6.80	5610	141.12	57600	1.40	KR 137 KRF 137	Y..132M-6 AM132 AD4
7.50 8.40 9.30 11.0	5100 4520 4100 3520	128.18 113.72 103.20 88.70	58300 59000 59400 59900	1.55 1.75 1.95 2.30	KR 137 KRF 137	Y..132M-6 AM132 AD4
8.50 9.20 10.0 11.0 13.0 14.0 16.0 19.0 20.0	4500 4150 3710 3340 3020 2680 2420 2050 1900	172.34 158.68 141.83 127.68 115.63 102.53 92.70 78.57 72.88	28300 30200 32300 33800 34900 35900 36200 34600 34000	0.95 1.05 1.15 1.30 1.40 1.60 1.75 2.10 2.30	KR 107 KRF 107	Y..112M-4 AM112 AD3
22.0 25.0	1710 1550	65.60 59.41	33000 32100	2.50 2.80	KR 107 KRF 107	Y..112M-4 AM112 AD4
28.0	1370	52.68	31000	3.10	KR 107 KRF 107	Y..112M-4 AM112 AD4
13.0 14.0 16.0 18.0 20.0 22.0 24.0 27.0	3040 2700 2410 2170 1880 1700 1560 1390	116.48 103.44 92.48 83.15 72.17 65.21 59.92 53.21	17900 22900 24500 25700 26500 25900 25300 24600	1.00 1.10 1.25 1.40 1.60 1.75 1.90 2.20	KR 97 KRF 97	Y..112M-4 AM112 AD3
31.0 34.0 39.0 44.0	1240 1110 970 860	47.58 42.78 37.13 33.25	23900 23200 22300 21600	2.40 2.70 3.10 3.30	KR 97 KRF 97	Y..112M-4 AM112 AD4
46.0 54.0	830 710	32.05 27.19	21400 20500	3.00 3.60	KR 97 KRF 97	Y..112M-4 AM112 AD4

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n: [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=4.00kw							
58.0	650	25.03	20000	4.30	KR KRF	97 97	Y..112M-4 AM112 AD5
65.0	585	22.37	19300	4.60			
72.0	525	20.14	18700	5.00			
23.0	1660	63.68	13600	0.95	KR KRF	87 87	Y..112M-4 AM112 AD2
24.0	1570	60.35	14200	1.00			
28.0	1380	52.82	15500	1.10			
31.0	1240	47.58	16200	1.25	KR KRF	87 87	Y..112M-4 AM112 AD2
35.0	1090	41.74	17000	1.40			
40.0	960	36.84	17500	1.60			
45.0	850	32.66	17400	1.80	KR KRF	87 87	Y..112M-4 AM112 AD3
52.0	725	27.88	16700	2.10			
42.0	900	34.40	17600	1.65			
46.0	820	31.40	17200	1.90	KR KRF	87 87	Y..112M-4 AM112 AD3
52.0	725	27.84	16700	2.10			
62.0	610	23.40	16000	2.50			
68.0	560	21.51	15600	2.70	KR KRF	87 87	Y..112M-4 AM112 AD4
76.0	495	19.10	15100	2.90			
85.0	445	17.08	14600	3.10			
95.0	400	15.35	14200	3.30			
110	345	13.33	13600	3.70			
122	310	11.93	13200	3.90			
40.0	960	36.83	7040	0.85			
44.0	870	33.47	9370	0.95	KR KRF	77 77	Y..112M-4 AM112 AD2
50.0	755	29.00	10500	1.10			
58.0	660	25.23	10700	1.20			
62.0	610	23.37	10500	1.35	KR KRF	77 77	Y..112M-4 AM112 AD3
68.0	560	21.43	10300	1.45			
78.0	490	18.80	10000	1.60			
82.0	465	17.82	9880	1.65			
94.0	405	15.60	9560	1.80			
104	365	14.05	9320	1.95			
118	320	12.33	9010	2.10			
134	280	10.88	8710	2.30			
151	250	9.64	8430	2.50			
170	220	8.59	8250	2.80	KR KRF	77 77	Y..112M-4 AM112 AD4
189	200	7.74	8010	3.00			
215	178	6.79	7710	3.30			
244	157	5.99	7430	3.40			
275	139	5.31	7160	3.70			
73.0	520	19.89	7920	1.15	KR KRF	67 67	Y..112M-4 AM112 AD3
81.0	465	17.95	7760	1.25			
92.0	410	15.79	7560	1.35			
98.0	390	14.91	7460	1.40			
115	330	12.70	7200	1.55			
127	300	11.54	7040	1.65			
146	260	10.00	6790	1.80			
168	225	8.70	6560	1.95			
187	200	7.79	6390	1.85			

n	M _e	i	Fr	K	Frame size		Input Configuration
[1/min]	[Nm]		[N]				
P _e =4.00kw							
198	193	7.36	6300	1.90	KR KRF	67 67	Y..112M-4 AM112 AD3
233	164	6.27	6030	2.00			
256	149	5.70	5870	2.10			
296	129	4.93	5640	2.20			
340	112	4.29	5420	2.40			
78.0	485	18.60	3660	0.90	KR KRF	57 57	Y..112M-4 AM112 AD2
87.0	435	16.79	3820	1.00			
99.0	385	14.77	3790	1.15			
105	365	13.95	3770	1.20	KR KRF	57 57	Y..112M-4 AM112 AD3
123	310	11.88	3700	1.30			
135	280	10.79	3650	1.40			
156	240	9.35	3570	1.50			
161	235	9.06	3570	1.60			
183	205	7.97	3490	1.70			
194	197	7.53	3450	1.80			
228	168	6.41	3330	2.00			
251	152	5.82	3260	2.10			
289	132	5.05	3160	2.30			
333	115	4.39	3050	2.40			
144	265	10.15	2060	0.85	KR KRF	47 47	Y..112M-4 AM112 AD2
161	235	9.07	2440	0.95			
182	205	8.01	2630	1.00			
210	182	6.96	2470	0.85			
243	157	6.00	2420	1.00			
259	148	5.64	2400	1.05			
301	127	4.85	2340	1.20			
337	113	4.34	2290	1.30			
381	100	3.83	2230	1.45	KR KRF	47 47	Y..112M-4 AM112 AD3
179	210	16.22	2640	1.30	KR KRF	47 47	Y..112M-2 AM112 AD2
199	192	14.56	2600	1.40			
231	165	12.54	2530	1.50			
246	155	11.79	2500	1.60			
286	134	10.15	2430	1.70			
320	119	9.07	2380	1.85			
362	106	8.01	2320	1.95			
374	102	7.76	2240	1.60			
416	92	6.96	2190	1.75			
484	79	6.00	2120	1.95			
514	74	5.64	2090	2.10			
598	64	4.85	2020	2.40			
669	57	4.34	1960	2.60			
757	50	3.83	1900	2.80	KR KRF	47 47	Y..112M-2 AM112 AD3
263	146	5.56	6580	1.55	KRX KRXF	87 87	Y..112M-4 AM112 AD3
288	133	5.07	6420	1.90			
324	118	4.50	6210	2.50	KRX KRXF	87 87	Y..112M-4 AM112 AD4
386	99	3.78	5910	3.10			

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n [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =4.00kw						
361 394	106 97	4.04 3.70	4630 4530	1.35 1.60	KRX 77 KRXF 77	Y..112M-4 AM112 AD3
449 474 542 601 685 777 876 1025	85 81 70 64 56 49 44 37	3.25 3.08 2.70 2.43 2.13 1.88 1.67 1.42	4380 4310 4160 4040 3890 3750 3620 3450	2.10 2.40 3.00 3.40 3.60 3.80 4.00 4.20	KRX 77 KRXF 77	Y..112M-4 AM112 AD4
456 505 574 608 714 786 908 1045	84 76 66 63 54 49 42 37	3.20 2.89 2.54 2.40 2.04 1.86 1.61 1.40	2860 2790 2710 2670 2560 2500 2400 2310	1.20 1.40 1.75 1.95 2.50 2.60 2.70 2.80	KRX 67 KRXF 67	Y..112M-4 AM112 AD3
553	69	2.64	1730	1.00	KRX 57 KRXF 57	Y..112M-4 AM112 AD2
616 715 760 884 989 1120	62 53 50 43 39 34	2.37 2.04 1.92 1.65 1.48 1.30	1840 1950 1950 1880 1830 1780	1.10 1.30 1.35 1.60 1.75 1.85	KRX 57 KRXF 57	Y..112M-4 AM112 AD3
P _i =5.50kw						
2.20 2.50 2.90 3.40 3.90 4.30 4.80 5.20	21800 19000 16700 14200 12500 11100 9970 9190	656 579 503 432 376 335 303 279	120000 120000 120000 120000 120000 120000 120000 120000	0.85 0.95 1.10 1.25 1.45 1.60 1.80 1.95	KR 167 KRF97 KRF 167 KRF97	Y..132S-4 AM132 AD5
3.20	15400	462	45000	0.85	KR 147 KRF87 KRF 147 KRF87	Y..132S-4 AM132 AD4
3.40 4.00 4.50 5.20 5.90 6.80 7.70	14300 12300 10900 9340 8240 7120 6300	426 368 326 280 247 214 189	58400 63900 66400 68700 70000 71200 72000	0.90 1.05 1.20 1.40 1.60 1.80 2.10	KR 147 KRF87 KRF 147 KRF87	Y..132S-4 AM132 AD5
5.90 6.60 8.00	8880 7990 6520	163.31 146.91 119.86	69300 70300 71800	1.45 1.65 2.00	KR 147 KRF 147	Y..132M-6 AM132 AD4

n [1/min]	M _i [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P _i =5.50kw						
8.80 10.0 12.0	5940 5140 4540	109.31 94.60 83.47	72300 72800 73200	2.20 2.50 2.90	KR 147 KRF 147	Y..132M-6 AM132 AD4
5.50 6.20 6.80 7.50 8.50	9490 8500 7680 6970 6180	174.40 156.31 141.12 128.18 113.72	41100 51800 54100 55400 56700	0.85 0.95 1.05 1.15 1.30	KR 137 KRF 137	Y..132M-6 AM132 AD4
9.40	5610	103.20	57600	1.40	KR 137 KRF 137	Y..132M-6 AM132 AD4
6.50 7.70 8.30 9.30 10.0	8030 6800 6290 5640 5090	222.60 188.45 174.40 156.31 141.12	53300 55700 56600 57600 58300	1.00 1.20 1.25 1.40 1.55	KR 137 KRF 137	Y..132S-4 AM132 AD4
11.0 13.0 14.0 16.0 18.0 20.0 22.0 25.0	4620 4100 3720 3200 2920 2650 2350 2130	128.18 113.72 103.20 88.70 80.91 73.49 65.20 59.17	58800 59400 59800 60200 60400 60600 60800 60900	1.75 1.95 2.20 2.50 2.70 3.00 3.40 3.80	KR 137 KRF 137	Y..132S-4 AM132 AD4
29.0	1830	50.86	61000	4.40	KR 137 KRF 137	Y..132S-4 AM132 AD5
11.0 13.0 14.0 16.0 19.0 20.0	4600 4170 3700 3340 2830 2630	127.68 115.63 102.53 92.7 78.57 72.88	27700 30100 32300 33800 33400 32800	0.95 1.05 1.15 1.30 1.50 1.65	KR 107 KRF 107	Y..132S-4 AM132 AD3
22.0 24.0 28.0 31.0 36.0	2360 2140 1900 1710 1450	65.60 59.41 52.68 47.63 40.37	31900 31200 30200 29400 28100	1.80 2.00 2.30 2.50 3.00	KR 107 KRF 107	Y..132S-4 AM132 AD4
18.0 20.0 22.0 24.0 27.0	3000 2600 2350 2160 1920	83.15 72.17 65.21 59.92 53.21	19700 22000 24600 24200 23500	1.00 1.15 1.25 1.40 1.55	KR 97 KRF 97	Y..132S-4 AM132 AD3
31.0 34.0 39.0	1710 1540 1340	47.58 42.78 37.13	22900 22400 21600	1.75 1.95 2.20	KR 97 KRF 97	Y..132S-4 AM132 AD4
44.0 53.0	1200 990	33.25 27.58	21000 20000	2.40 2.70	KR 97 KRF 97	Y..132S-4 AM132 AD4

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n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =5.50kw						
45.0	1150	32.05	20800	2.20	KR 97	Y..132S-4 AM132
54.0	980	27.19	19900	2.60	KRF 97	AD4
58.0	900	25.03	19500	3.10	KR 97 KRF 97	Y..132S-4 AM132 AD5
65.0	800	22.37	18900	3.40		
72.0	725	20.14	18400	3.60		
80.0	655	18.24	17900	3.80		
90.0	580	16.17	17300	4.10		
31.0	1710	47.58	15700	0.90	KR 87 KRF 87	Y..132S-4 AM132 AD2
35.0	1500	41.74	17200	1.05	KR 87 KRF 87	Y..132S-4 AM132 AD3
40.0	1320	36.84	17100	1.15		
45.0	1170	32.66	16700	1.30		
52.0	1000	27.88	16100	1.50	KR 87 KRF 87	Y..132S-4 AM132 AD4
52.0	1000	27.84	16100	1.55		
62.0	840	23.40	15400	1.85		
68.0	775	21.51	15100	1.95		
76.0	685	19.10	14600	2.10		
85.0	615	17.08	14200	2.30		
95.0	550	15.35	13800	2.40		
109	480	13.33	13300	2.70		
122	430	11.93	12900	2.90		
147	355	9.90	12200	3.30		
159	330	9.14	12100	3.70	KR 87 KRF 87	Y..132S-4 AM132 AD5
177	295	8.22	11700	3.90		
204	255	7.13	11200	4.20		
77.0	675	18.80	9300	1.15	KR 77 KRF 77	Y..132S-4 AM132 AD3
82.0	640	17.82	9370	1.20		
93.0	560	15.60	9120	1.30		
104	505	14.05	8920	1.40	KR 77 KRF 77	Y..132S-4 AM132 AD3
118	440	12.33	8650	1.55		
134	390	10.88	8400	1.70		
151	345	9.64	8160	1.80		
169	310	8.59	8040	2.00		
188	275	7.74	7820	2.20	KR 77 KRF 77	Y..132S-4 AM132 AD4
214	245	6.79	7540	2.40		
243	215	5.99	7280	2.50		
274	192	5.31	7040	2.70		
92.0	570	15.79	6700	1.00	KR 67 KRF 67	Y..132S-4 AM132 AD3
98.0	535	14.91	6990	1.00		
115	455	12.70	6790	1.15		
126	415	11.54	6670	1.20		
146	360	10.00	6480	1.30		
167	310	8.70	6280	1.40		
187	280	7.79	6160	1.35		
198	265	7.36	6070	1.40		
232	225	6.27	5840	1.45		
255	205	5.70	5700	1.50		
295	178	4.93	5490	1.65		
339	155	4.29	5290	1.75		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =5.50kw						
332	158	8.70	5300	2.80	KR 67 KRF 67	Y..132S-2 AM132 AD3
371	142	7.79	5160	2.70		
393	134	7.36	5080	2.80		
461	114	6.27	4850	2.90		
507	104	5.70	4720	3.00		
586	90	4.93	4530	3.20		
673	78	4.29	4350	3.50		
98.0	530	14.77	1840	0.80	KR 57 KRF 57	Y..132S-4 AM132 AD2
104	500	13.95	2170	0.85	KR 57 KRF 57	Y..132S-4 AM132 AD3
122	425	11.88	2980	0.95		
135	385	10.79	3270	1.00		
156	335	9.35	3240	1.10	KR 57 KRF 57	Y..132S-4 AM132 AD3
183	285	7.97	3220	1.25		
193	270	7.53	3190	1.30		
227	230	6.41	3120	1.45		
250	210	5.82	3070	1.50		
288	182	5.05	2990	1.65		
331	158	4.39	2900	1.75		
309	170	9.35	2930	2.20	KR 57 KRF 57	Y..132S-2 AM132 AD3
363	145	7.97	2850	2.40		
384	137	7.53	2820	2.60	KR 57 KRF 57	Y..132S-2 AM132 AD3
451	116	6.41	2710	2.90		
496	106	5.82	2650	3.00		
573	92	5.05	2560	3.30		
658	80	4.39	2470	3.50	KR 47 KRF 47	Y..132S-4 AM132 AD2
300	175	4.85	1910	0.85		
336	156	4.34	2110	0.95		
380	138	3.83	2070	1.05	KR 47 KRF 47	Y..132S-4 AM132 AD3
230	225	12.54	1740	1.10	KR 47 KRF 47	Y..132S-2 AM132 AD2
245	210	11.79	1920	1.15		
285	184	10.15	2250	1.25		
319	165	9.07	2220	1.35		
361	146	8.01	2170	1.40		
482	109	6.00	2000	1.45		
512	102	5.64	1970	1.50		
595	88	4.85	1920	1.70		
666	79	4.34	1870	1.85	KR 47 KRF 47	Y..132S-2 AM132 AD3
754	70	3.83	1820	2.10		
220	235	6.63	10400	1.90	KRX 107	Y..132S-4 AM132 AD4
259	200	5.61	9930	2.20	KRXF 107	

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n [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =5.50kw						
280 313	187 168	5.19 4.65	9710 9410	3.70 4.10	KRX 107 KRXF 107	Y..132S-4 AM132 AD5
251 296	205 177	5.79 4.91	8340 7970	2.00 2.20	KRX 97 KRXF 97	Y..132S-4 AM132 AD4
322 360 400 441 498 551 650 744 889	163 146 131 119 106 95 81 71 59	4.52 4.04 3.64 3.30 2.92 2.64 2.24 1.96 1.64	7790 7540 7320 7110 6860 6660 6330 6080 5750	3.60 4.10 4.50 5.00 5.60 6.20 7.40 8.10 8.50	KRX 97 KRXF 97	Y..132S-4 AM132 AD5
1025	51	1.42	5500	8.90	KRX 97 KRXF 97	Y..132S-4 AM132 AD6
323 385	162 136	4.50 3.78	6010 5740	1.80 2.20	KRX 87 KRXF 87	Y..132S-4 AM132 AD4
419 471 527 586 676	126 111 100 90 78	3.48 3.09 2.76 2.48 2.15	5610 5430 5260 5110 4900	3.20 3.60 4.10 4.50 5.00	KRX 87 KRXF 87	Y..132S-4 AM132 AD5
448 472 540 599 683 774 873 1020	117 111 97 88 77 68 60 51	3.25 3.08 2.70 2.43 2.13 1.88 1.67 1.42	4200 4150 4010 3900 3770 3640 3520 3370	1.55 1.75 2.20 2.40 2.60 2.80 2.90 3.00	KRX 77 KRXF 77	Y..132S-4 AM132 AD4
572 606 712 783	92 87 74 67	2.54 2.40 2.04 1.86	2540 2520 2420 2370	1.30 1.40 1.80 1.90	KRX 67 KRXF 67	Y..132S-4 AM132 AD3
904 1040	58 50	1.61 1.40	2290 2210	1.95 2.10	KRX 67 KRXF 67	Y..132S-4 AM132 AD3
713 758 881 986 1115	74 69 60 53 47	2.04 1.92 1.65 1.48 1.30	715 800 980 1060 1190	0.95 1.00 1.15 1.30 1.35	KRX 57 KRXF 57	Y..132S-4 AM132 AD3
P ₁ =7.50kw						
2.90 3.40 3.90	22700 19300 16900	503 432 376	120000 120000 120000	0.80 0.95 1.05	KR 167 KRF97 KRF 167 KRF97	Y..132M-4 AM132 AD5

n [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =7.50kw						
4.40 4.90 5.30	15100 13500 12500	335 303 279	120000 120000 120000	1.20 1.35 1.45	KR 167 KRF97 KRF 167 KRF97	Y..132M-4 AM132 AD5
4.50 5.20 6.00 6.90 7.80 9.30	14800 12600 11100 9660 8540 7180	326 280 247 214 189 159	52600 63300 66000 68300 69700 71200	0.90 1.05 1.15 1.35 1.50 1.80	KR 147 KRF87 KRF 147 KRF87	Y..132M-4 AM132 AD5
7.80 8.40 9.40 10.0	9180 8490 7610 6870	188.45 174.40 156.31 141.12	46500 51900 54200 55600	0.85 0.95 1.05 1.15	KR 137 KRF 137	Y..132M-4 AM132 AD4
11.0 13.0 14.0 17.0 18.0 20.0 23.0 25.0	6240 5540 5020 4320 3940 3580 3170 2880	128.18 113.72 103.20 88.70 80.91 73.49 65.20 59.17	56700 57700 58400 59200 59600 59900 60200 60400	1.30 1.45 1.60 1.85 2.00 2.20 2.50 2.80	KR 137 KRF 137	Y..132M-4 AM132 AD4
29.0	2470	50.86	60700	3.20	KR 137 KRF 137	Y..132M-4 AM132 AD5
16.0 19.0 20.0	4510 3820 3550	92.70 78.57 72.88	28200 31600 31100	0.95 1.10 1.20	KR 107 KRF 107	Y..132M-4 AM132 AD3
22.0 25.0	3190 2890	65.60 59.41	30400 29800	1.35 1.50	KR 107 KRF 107	Y..132M-4 AM132 AD4
28.0 31.0 36.0 42.0 50.0	2560 2320 1960 1710 1430	52.68 47.63 40.37 35.26 29.49	29000 28300 27100 26200 25000	1.70 1.85 2.20 2.50 3.00	KR 107 KRF 107	Y..132M-4 AM132 AD4
48.0 53.0 59.0 65.0	1490 1340 1210 1100	30.77 27.58 24.90 22.62	25300 24600 23900 23200	2.90 3.20 3.50 3.90	KR 107 KRF 107	Y..132M-4 AM132 AD5
25.0 28.0	2910 2590	59.92 53.21	21500 22100	1.05 1.15	KR 97 KRF 97	Y..132M-4 AM132 AD3
31.0 34.0 40.0	2310 2080 1800	47.58 42.78 37.13	21600 21200 20600	1.30 1.45 1.65	KR 97 KRF 97	Y..132M-4 AM132 AD4
44.0 53.0	1610 1340	33.25 27.58	20100 19200	1.80 2.00	KR 97 KRF 97	Y..132M-4 AM132 AD4

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P=7.50kw							
46.0	1560	32.05	19900	1.65	KR	97	Y..132M-4
54.0	1320	27.19	19200	1.95	KRF	97	AM132 AD4
59.0	1210	25.03	18800	2.30	KR KRF	97	Y..132M-4 AM132 AD5
66.0	1090	22.37	18300	2.50			
73.0	980	20.14	17800	2.70			
81.0	880	18.24	17300	2.80			
40.0	1790	36.84	14800	0.85	KR KRF	87	Y..132M-4 AM132 AD3
45.0	1590	32.66	15600	0.95			
53.0	1350	27.88	15200	1.10			
53.0	1350	27.84	15200	1.15	KR KRF	87	Y..132M-4 AM132 AD4
63.0	1140	23.40	14600	1.35			
68.0	1040	21.51	14400	1.45			
77.0	930	19.10	14000	1.55			
86.0	830	17.08	13600	1.65			
96.0	745	15.35	12600	1.80			
110	645	13.33	12800	1.95			
123	580	11.93	12500	2.10			
148	480	9.90	11900	2.40			
161	445	9.14	11800	2.70			
179	400	8.22	11500	2.90			
206	345	7.13	11000	3.10			
230	310	6.39	10700	3.30			
277	255	5.30	10100	3.50	KR KRF	87 87	Y..132M-4 AM132 AD5
78.0	910	18.80	5530	0.85	KR KRF	77	Y..132M-4 AM132 AD3
82.0	860	17.82	5920	0.90			
94.0	755	15.60	6770	0.95			
105	680	14.05	7310	1.05			
119	600	12.33	7850	1.15			
135	525	10.88	7960	1.25			
152	465	9.64	7770	1.35			
171	415	8.59	7690	1.50	KR KRF	77	Y..132M-4 AM132 AD4
190	375	7.74	7540	1.60			
216	330	6.79	7290	1.75			
245	290	5.99	7060	1.85			
277	255	5.31	6840	1.95	KR KRF	67	Y..132M-4 AM132 AD3
116	615	12.70	4420	0.85			
127	560	11.54	5020	0.90			
147	485	10.00	5750	0.95			
169	420	8.70	5900	1.05			
189	375	7.79	5610	1.00			
200	355	7.36	5760	1.05			
235	305	6.27	5560	1.10			
258	275	5.70	5450	1.10			
298	240	4.93	5270	1.20			
342	205	4.29	5100	1.30	KR KRF	57	Y..132M-4 AM132 AD3
184	385	7.97	1130	0.90			
195	365	7.53	1420	0.95			
229	310	6.41	2130	1.05			

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size		Input Configuration
P ₁ =7.50kw							
252	280	5.82	2470	1.15	KR KRF	57	Y..132M-4 AM132 AD3
291	245	5.05	2750	1.25			
335	210	4.39	2700	1.30			
197	360	14.77	2590	1.20	KR KRF	57 57	Y..132S-2 AM132 AD2
209	340	13.95	2800	1.25	KR KRF	57 57	Y..132S-2 AM132 AD3
245	290	11.88	2780	1.40			
270	265	10.79	2750	1.45			
311	230	9.35	2700	1.60			
365	196	7.97	2660	1.80			
387	185	7.53	2640	1.90			
454	158	6.41	2560	2.10	KR KRF	57 57	Y..132S-2 AM132 AD3
500	143	5.82	2520	2.20			
577	124	5.05	2440	2.50	KR KRF	57 57	Y..132S-2 AM132 AD3
663	108	4.39	2370	2.60			
222	320	6.63	10000	1.45	KRX KRXF	107 107	Y..132M-4 AM132 AD4
262	270	5.61	9620	1.65			
283	250	5.19	9420	2.80	KRX KRXF	107 107	Y..132M-4 AM132 AD5
316	225	4.65	9140	3.10			
350	200	4.20	8890	4.10			
254	280	5.79	8020	1.50	KRX KRXF	97 97	Y..132M-4 AM132 AD4
299	235	4.91	7700	1.65			
325	220	4.52	7530	2.70	KRX KRXF	97 97	Y..132M-4 AM132 AD5
364	197	4.04	7310	3.00			
404	177	3.64	7100	3.40			
446	161	3.30	6910	3.70			
503	142	2.92	6680	4.20			
327	215	4.50	5720	1.30	KRX KRXF	87 87	Y..132M-4 AM132 AD4
389	184	3.78	5500	1.65			
423	169	3.48	5380	2.40	KRX KRXF	87 87	Y..132M-4 AM132 AD5
476	150	3.09	5220	2.70			
533	134	2.76	5080	3.00			
592	121	2.48	4940	3.40			
682	105	2.15	4750	3.70			
762	94	1.93	4610	3.80			
919	78	1.60	4370	4.00			
1055	68	1.39	4200	4.30			
452	158	3.25	3890	1.15	KRX KRXF	77 77	Y..132M-4 AM132 AD4
477	150	3.08	3910	1.30			
545	131	2.70	3800	1.65			
605	118	2.43	3710	1.80			
690	104	2.13	3600	1.95			
782	92	1.88	3480	2.00			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =7.50kw						
882	81	1.67	3380	2.10	KRX 77	Y..132M-4
1035	69	1.42	3240	2.20	KRXF 77	AM132 AD4
578	124	2.54	1600	0.95	KRX 67	Y..132M-4
612	117	2.40	1700	1.05	KRXF 67	AM132
719	100	2.04	1890	1.35		AD3
792	90	1.86	2000	1.40		
914	78	1.61	2120	1.45	KRX 67	Y..132M-4
1050	68	1.40	2070	1.50	KRXF 67	AM132 AD3
P ₁ =11.0kw						
5.00	19100	295	120000	0.95	KR 167KRF107	Y..160M-4
5.50	17700	270	120000	1.00	KRF 167KRF107	AM160 AD6
6.40	15000	229	120000	1.20	KR 167KRF107	Y..160M-4
7.40	13000	200	120000	1.40	KRF 167KRF107	AM160
8.70	10900	169	120000	1.65		AD6
5.10	19400	291	120000	0.90	KR 167KRF107	Y..160M-4
					KRF 167KRF107	AM160 AD5
4.40	22200	335	120000	0.80	KR 167KRF97	Y..160M-4
4.90	19900	303	120000	0.90	KRF 167KRF97	AM160
5.30	18400	279	120000	1.00		AD5
6.00	16400	247	29900	0.80	KR 147KRF87	Y..160M-4
6.90	14100	214	60000	0.90	KRF 147KRF87	AM160
7.80	12500	189	63600	1.05		AD5
9.30	10500	159	67000	1.25		
6.40	16300	229.71	120000	1.10	KR 167	Y..160M-4
7.90	13300	186.93	120000	1.35	KRF 167	AM160 AD5
9.60	10900	153.07	120000	1.65		
11.0	9960	139.98	120000	1.80	KR 167	Y..160M-4
12.0	8670	121.81	120000	2.10	KRF 167	AM160
14.0	7650	107.49	120000	2.40		AD5
16.0	6630	93.19	120000	2.70		
18.0	5900	82.91	120000	3.00		
9.00	11600	163.31	65200	1.10	KR 147	Y..160M-4
10.0	10400	146.91	67100	1.25	KRF 147	AM160
12.0	8530	119.86	69700	1.50		AD4
13.0	7780	109.31	70500	1.65	KR 147	Y..160M-4
16.0	6730	94.60	71600	1.95	KRF 147	AM160
18.0	5940	83.47	72300	2.20		AD4
20.0	5130	72.09	72900	2.50		
22.0	4770	66.99	73100	2.70	KR 147	Y..160M-4
24.0	4350	61.09	73300	3.00	KRF 147	AM160
28.0	3760	52.87	73700	3.40		AD5

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =11.0kw						
10.0	10000	141.12	28200	0.80		
12.0	9120	128.18	47300	0.90	KR 137	Y..160M-4
13.0	8090	113.72	53200	1.00	KRF 137	AM160
14.0	7340	103.20	54700	1.10		AD4
17.0	6310	88.70	56500	1.25		
18.0	5760	80.91	57400	1.40	KR 137	Y..160M-4
20.0	5230	73.49	58100	1.55	KRF 137	AM160
23.0	4640	65.20	58800	1.70		AD4
25.0	4210	59.17	59300	1.90		
29.0	3620	50.86	59900	2.20		
33.0	3160	44.39	60200	2.50	KR 137	Y..160M-4
39.0	2680	37.65	60600	3.00	KRF 137	AM160
45.0	2340	32.91	60800	3.40		AD5
22.0	4670	65.60	27300	0.90		
25.0	4230	59.41	27500	1.00		
28.0	3750	52.68	27000	1.15	KR 107	Y..160M-4
31.0	3390	47.63	26500	1.25	KRF 107	AM160
37.0	2870	40.37	25600	1.50		AD4
42.0	2510	35.26	24900	1.70		
50.0	2100	29.49	23900	2.00		
48.0	2190	30.77	24100	1.95		
53.0	1960	27.58	23500	2.20		
59.0	1770	24.90	22900	2.40	KR 107	Y..160M-4
65.0	1610	22.62	22400	2.70	KRF 107	AM160
74.0	1420	20.07	21700	3.00		AD5
81.0	1290	18.21	21100	3.30		
34.0	3040	42.78	18000	1.00		
40.0	2640	37.13	18900	1.15	KR 97	Y..160M-4
44.0	2360	33.25	18600	1.20	KRF 97	AM160
53.0	1960	27.58	18000	1.35		AD4
59.0	1780	25.03	17600	1.60		
66.0	1590	22.37	17200	1.70	KR 97	Y..160M-4
73.0	1430	20.14	16800	1.80	KRF 97	AM160
						AD5
81.0	1290	18.24	16500	1.90		
91.0	1150	16.17	16000	2.10		
101	1040	14.62	15600	2.20		
119	880	12.39	15000	2.50	KR 97	Y..160M-4
136	770	10.83	14500	2.70	KRF 97	AM160
159	660	9.29	14200	3.10		AD5
176	595	8.39	13800	3.40		
207	505	7.12	13100	4.00		
237	440	6.21	12600	4.30		
69.0	1530	21.51	13200	1.00	KR 87	Y..160M-4
77.0	1360	19.10	12900	1.05	KRF 87	AM160
86.0	1210	17.08	12700	1.15		AD4
96.0	1090	15.35	12500	1.25		
111	940	13.33	12100	1.35	KR 87	Y..160M-4
124	840	11.93	11800	1.45	KRF 87	AM160
149	705	9.90	11300	1.65		AD4

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size		Input Configuration			
P=11.0kw										
161	650	9.14	11400	1.85	KR KRF	87 87	Y..160M-4 AM160 AD5			
179	585	8.22	11100	2.00						
207	505	7.13	10700	2.10						
231	455	6.39	10400	2.20						
278	375	5.30	9840	2.40						
136	770	10.88	4410	0.85	KR KRF	77 77	Y..160M-4 AM160 AD3			
153	685	9.64	5130	0.90						
191	550	7.74	4750	1.10	KR KRF	77 77	Y..160M-4 AM160 AD4			
217	480	6.79	5350	1.20						
246	425	5.99	5800	1.25						
278	375	5.31	6150	1.35						
284	365	5.19	8950	1.90	KRX KRXF	107 107	Y..160M-4 AM160 AD5			
317	330	4.65	8720	2.10						
351	295	4.20	8510	2.80						
387	270	3.81	8300	3.00						
436	240	3.38	8050	3.40						
480	215	3.07	7840	3.80	KRX KRXF	107 107	Y..160M-4 AM160 AD6			
559	188	2.64	7520	4.40						
326	320	4.52	7120	1.85	KRX KRXF	97 97	Y..160M-4 AM160 AD5			
365	285	4.04	6940	2.10						
405	255	3.64	6760	2.30						
447	230	3.30	6600	2.50						
505	205	2.92	6400	2.90						
558	188	2.64	6240	3.20						
658	160	2.24	5970	3.70						
754	139	1.96	5750	4.10						
901	116	1.64	5470	4.30						
1040	101	1.42	5240	4.50						
424	245	3.48	5000	1.65	KRX KRXF	87 87	Y..160M-4 AM160 AD5			
478	215	3.09	4880	1.85						
534	197	2.76	4770	2.10						
594	177	2.48	4660	2.30						
685	153	2.15	4500	2.50	KRX KRXF	87 87	Y..160M-4 AM160 AD5			
765	137	1.93	4380	2.60						
922	114	1.60	4170	2.80						
1060	99	1.39	4020	2.90	KRX KRXF	77 77	Y..160M-4 AM160 AD4			
607	173	2.43	1980	1.25						
692	152	2.13	2220	1.30						
785	134	1.88	2400	1.40						
885	119	1.67	2530	1.45						
1035	101	1.42	2630	1.55	KR KRF	167KRF107 167KRF107	Y..160L-4 AM160 AD6			
P=15.0kw										
6.40	20700	229	120000	0.85				KR KRF	167KRF107 167KRF107	Y..160L-4 AM160 AD6
7.30	18000	200	120000	1.00						
8.60	15200	169	120000	1.20						

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =15.0kw						
6.50	20800	227	120000	0.85	KR 167KRF107 KRF 167KRF107	Y..160L-4 AM160 AD5
7.40	18100	198	120000	1.00		
6.40	22400	229.71	120000	0.80	KR 167 KRF 167	Y..160L-4 AM160 AD5
7.80	18200	186.93	120000	1.00		
9.60	14900	153.07	120000	1.20	KR 167 KRF 167	Y..160L-4 AM160 AD5
10.0	13600	139.98	120000	1.30		
12.0	11900	121.81	120000	1.50		
14.0	10500	107.49	120000	1.70		
16.0	9110	93.19	120000	2.00		
18.0	8100	82.91	120000	2.20		
20.0	7200	73.70	120000	2.50		
22.0	6580	67.40	120000	2.70	KR 167 KRF 167	Y..160L-4 AM160 AD6
9.00	15900	163.31	37100	0.80		
10.0	14300	146.91	58000	0.90	KR 147 KRF 147	Y..160L-4 AM160 AD4
12.0	11700	119.86	65100	1.10		
13.0	10600	109.31	66800	1.20	KR 147 KRF 147	Y..160L-4 AM160 AD5
15.0	9240	94.60	68800	1.40		
18.0	8160	83.47	70100	1.60		
20.0	7040	72.09	71300	1.85	KR 147 KRF 147	Y..160L-4 AM160 AD5
22.0	6540	66.99	71700	2.00		
24.0	5970	61.09	72200	2.20	KR 147 KRF 147	Y..160L-4 AM160 AD5
28.0	5160	52.87	72800	2.50		
31.0	4560	46.65	73200	2.80		
14.0	10000	103.20	27000	0.80	KR 137 KRF 137	Y..160L-4 AM160 AD4
17.0	8670	88.70	51100	0.90		
18.0	7910	80.91	53600	1.00		
20.0	7180	73.49	55000	1.10		
22.0	6370	65.20	56400	1.25	KR 137 KRF 137	Y..160L-4 AM160 AD4
25.0	5780	59.17	57400	1.40		
29.0	4970	50.86	58400	1.60	KR 137 KRF 137	Y..160L-4 AM160 AD5
33.0	4340	44.39	59200	1.85		
39.0	3680	37.65	59800	2.20		
45.0	3210	32.91	60200	2.50		
53.0	2720	27.83	60500	2.80		
31.0	4650	47.63	24400	0.90	KR 107 KRF 107	Y..160L-4 AM160 AD4
36.0	3940	40.37	23900	1.10		
42.0	3440	35.26	23400	1.25		
50.0	2880	29.49	22600	1.50		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =15.0kw						
48.0	3000	30.77	22800	1.45	KR 107 KRF 107	Y..160L-4 AM160 AD5
53.0	2690	27.58	22300	1.60		
59.0	2430	24.90	21900	1.75		
65.0	2210	22.62	21400	1.95		
73.0	1960	20.07	20900	2.20		
80.0	1780	18.21	20400	2.40	KR 107 KRF 107	Y..160L-4 AM160 AD5
94.0	1530	15.65	19700	2.80		
107	1330	13.66	19000	3.20		
120	1160	11.93	18200	3.60		
135	1050	10.83	17500	4.00		
158	900	9.29	16500	4.60	KR 97 KRF 97	Y..160L-4 AM160 AD4
175	820	8.39	15800	5.00		
206	695	7.12	14800	5.80		
236	605	6.21	14000	6.60		
276	515	5.30	13000	7.60		
315	450	4.65	12200	8.50	KR 87 KRF 87	Y..160L-4 AM160 AD4
349	410	4.20	11600	9.30		
384	370	3.81	11000	10.10		
433	330	3.38	10300	11.00		
477	300	3.07	9700	12.00		
555	255	2.64	8500	14.00	KR 107 KRF 107	Y..160L-4 AM160 AD6
636	225	2.30	7700	16.00		
750	191	1.95	6700	18.00		
858	167	1.71	6000	20.00		
1015	141	1.44	5100	24.00		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =15.0kw						
324	440	4.52	6660	1.35	KRX 97 KRXF 97	Y..160L-4 AM160 AD5
362	395	4.04	6520	1.50		
402	355	3.64	6390	1.65		
444	320	3.30	6260	1.85		
501	285	2.92	6100	2.10		
554	255	2.64	5960	2.30	KRX 97 KRXF 97	Y..160L-4 AM160 AD5
654	215	2.24	5730	2.70		
749	191	1.96	5540	3.00		
895	160	1.64	5290	3.20		
1035	138	1.42	5080	3.30		
120	1160	11.93	18200	3.60	KRX 87 KRXF 87	Y..160L-4 AM160 AD5
135	1050	10.83	17500	4.00		
158	900	9.29	16500	4.60		
175	820	8.39	15800	5.00		
206	695	7.12	14800	5.80		
236	605	6.21	14000	6.60	KR 167 KRF 167	Y..180M-4 AM180 AD5
276	515	5.30	13000	7.60		
315	450	4.65	12200	8.50		
349	410	4.20	11600	9.30		
384	370	3.81	11000	10.10		
433	330	3.38	10300	11.00	KR 167 KRF 167	Y..180M-4 AM180 AD5
477	300	3.07	9700	12.00		
555	255	2.64	8500	14.00		
636	225	2.30	7700	16.00		
750	191	1.95	6700	18.00		
858	167	1.71	6000	20.00	KR 147 KRF 147	Y..180M-4 AM180 AD4
1015	141	1.44	5100	24.00		
1160	120	1.20	4800	26.00		
1350	105	1.05	4400	28.00		
1580	90	0.90	4000	31.00		
1800	75	0.75	3600	36.00	KR 147 KRF 147	Y..180M-4 AM180 AD5
2060	65	0.65	3200	40.00		
2360	55	0.55	2800	46.00		
2760	45	0.45	2400	54.00		
3150	38	0.38	2000	63.00		
3490	32	0.32	1700	72.00	KR 147 KRF 147	Y..180M-4 AM180 AD5
3840	27	0.27	1400	81.00		
4330	22	0.22	1100	93.00		
4770	18	0.18	900	107.00		
5550	15	0.15	750	120.00		
6360	12	0.12	600	144.00	KR 147 KRF 147	Y..180M-4 AM180 AD6
7500	10	0.10	500	167.00		
8580	8	0.08	400	200.00		
10150	6	0.06	300	240.00		
11600	5	0.05	240	288.00		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _e [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=18.5kw						
18.0	9750	80.91	35600	0.80	KR 137 KRF 137	Y..180M-4 AM180 AD4
20.0	8860	73.49	50200	0.90		
22.0	7860	65.20	53700	1.00		
25.0	7130	59.17	55100	1.10		
29.0	6130	50.86	56800	1.30	KR 137 KRF 137	Y..180M-4 AM180 AD5
33.0	5350	44.39	58000	1.50		
39.0	4540	37.65	58900	1.75		
45.0	3960	32.91	59500	2.00		
53.0	3350	27.83	60100	2.30	KR 137 KRF 137	Y..180M-4 AM180 AD6
50.0	3560	29.57	59900	2.20		
61.0	2900	24.12	60400	2.80		
67.0	2650	22.00	60600	3.00		
77.0	2290	19.04	60800	3.50	KR 137 KRF 137	Y..180M-4 AM180 AD7
87.0	2020	16.80	60900	4.00		
36.0	4860	40.37	20200	0.90	KR 107 KRF 107	Y..180M-4 AM180 AD4
42.0	4250	35.26	22000	1.00		
50.0	3550	29.49	21500	1.20		
59.0	3000	24.90	20900	1.45		
65.0	2720	22.62	20600	1.60	KR 107 KRF 107	Y..180M-4 AM180 AD5
73.0	2410	20.07	20100	1.80		
80.0	2190	18.21	19700	1.95		
94.0	1880	15.65	19100	2.30		
107	1640	13.66	18500	2.60	KR 107 KRF 107	Y..180M-4 AM180 AD6
126	1390	11.59	17800	3.10		
145	1220	10.13	17200	3.50		
186	940	7.86	16300	3.10		
220	800	6.66	15600	3.70	KR 97 KRF 97	Y..180M-4 AM180 AD5
73.0	2420	20.14	14900	1.05		
80.0	2190	18.24	14700	1.15		
91.0	1950	16.17	14500	1.25		
100	1760	14.62	14200	1.30		
118	1490	12.39	13800	1.45		
135	1300	10.83	13500	1.60		
158	1110	9.29	13400	1.80		
175	1010	8.39	13100	2.00		
206	850	7.12	12600	2.30		
236	745	6.21	12100	2.50		
282	625	5.20	11600	2.80		
326	540	4.50	11100	3.00		
110	1600	13.33	10600	0.80	KR 87 KRF 87	Y..180M-4 AM180 AD4
123	1430	11.93	10400	0.85		
148	1190	9.90	10200	1.00		
160	1100	9.14	10600	1.10		
178	990	8.22	10300	1.15	KR 87 KRF 87	Y..180M-4 AM180 AD5
205	860	7.13	10000	1.25		
229	770	6.39	9770	1.30		
276	635	5.30	9350	1.40		

n:	M:	i	Fr	K	Frame size	Input Configuration
[1/min]	[Nm]		[N]			
P ₁ =18.5kw						
349	505	4.20	7710	1.65	KRX 107 KRXF 107	Y..180M-4 AM180 AD5
384	460	3.81	7580	1.80		
433	405	3.38	7400	2.00		
477	370	3.07	7250	2.20		
555	315	2.64	7000	2.60	KRX 107 KRXF 107	Y..180M-4 AM180 AD6
636	275	2.30	6780	3.00		
750	235	1.95	6510	3.20		
858	205	1.71	6290	3.40		
1015	174	1.44	6020	3.70	KRX 97 KRXF 97	Y..180M-4 AM180 AD5
402	435	3.64	6060	1.35		
444	395	3.30	5960	1.50		
501	350	2.92	5830	1.70		
554	315	2.64	5710	1.85	KRX 97 KRXF 97	Y..180M-4 AM180 AD5
654	270	2.24	5510	2.20		
749	235	1.96	5350	2.40		
895	197	1.64	5120	2.60		
1035	171	1.42	4940	2.70	KRX 97 KRXF 97	Y..180M-4 AM180 AD6
531	330	2.76	3040	1.20	KRX 87 KRXF 87	Y..180M-4 AM180 AD5
590	295	2.48	3340	1.35		
680	255	2.15	3630	1.50		
760	230	1.93	3820	1.55		
916	193	1.60	3770	1.65	KRX 87 KRXF 87	Y..180M-4 AM180 AD5
1055	168	1.39	3660	1.75		
1200	145	1.20	3500	1.85		
1340	125	1.05	3300	1.95		
P ₁ =22.0kw						
9.60	21800	153.07	120000	0.85	KR 167 KRF 167	Y..180L-4 AM180 AD5
11.0	19900	139.98	120000	0.90		
12.0	17300	121.81	120000	1.05		
14.0	15300	107.49	120000	1.20		
16.0	13200	93.19	120000	1.35	KR 167 KRF 167	Y..180L-4 AM180 AD5
18.0	11800	82.91	120000	1.50		
20.0	10400	73.70	120000	1.70		
22.0	9590	67.40	120000	1.90		
25.0	8350	58.65	120000	2.20	KR 167 KRF 167	Y..180L-4 AM180 AD6
28.0	7370	51.76	120000	2.40		
33.0	6390	44.87	120000	2.80		
38.0	5500	38.00	120000	3.20		
43.0	4700	32.00	120000	3.60	KR 167 KRF 167	Y..180L-4 AM180 AD7
48.0	4000	27.00	120000	4.00		
53.0	3400	23.00	120000	4.50		
58.0	2900	19.00	120000	5.00		
63.0	2500	16.00	120000	5.50	KR 147 KRF 147	Y..180L-4 AM180 AD4
68.0	2100	13.00	120000	6.00		
73.0	1800	11.00	120000	6.50		
78.0	1600	9.00	120000	7.00		
83.0	1400	8.00	120000	7.50	KR 147 KRF 147	Y..180L-4 AM180 AD5
88.0	1200	7.00	120000	8.00		
93.0	1100	6.00	120000	8.50		
98.0	1000	5.00	120000	9.00		
103.0	900	4.00	120000	9.50	KR 147 KRF 147	Y..180L-4 AM180 AD5
108.0	800	3.00	120000	10.00		
113.0	700	2.00	120000	10.50		
118.0	600	1.00	120000	11.00		
123.0	500	0.50	120000	11.50	KR 147 KRF 147	Y..180L-4 AM180 AD5
128.0	400	0.20	120000	12.00		
133.0	300	0.10	120000	12.50		
138.0	200	0.05	120000	13.00		
143.0	100	0.02	120000	13.50	KR 147 KRF 147	Y..180L-4 AM180 AD5
148.0	50	0.01	120000	14.00		
153.0	20	0.005	120000	14.50		
158.0	10	0.002	120000	15.00		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =22.0kw						
37.0	5730	40.29	72400	2.30	KR 147 KRF 147	Y..180L-4 AM180 AD6
41.0	5070	35.64	72900	2.60	KR 147 KRF 147	Y..180L-4 AM180 AD7
49.0	4260	29.95	73400	3.00		
23.0	9280	65.20	44700	0.85	KR 137 KRF 137	Y..180L-4 AM180 AD4
25.0	8420	59.17	52200	0.95		
29.0	7240	50.86	54900	1.10	KR 137 KRF 137	Y..180L-4 AM180 AD5
33.0	6320	44.39	56500	1.25		
39.0	5360	37.65	57900	1.50	KR 137 KRF 137	Y..180L-4 AM180 AD5
45.0	4680	32.91	58800	1.70		
53.0	3960	27.83	59500	1.95		
50.0	4210	29.57	59300	1.85	KR 137 KRF 137	Y..180L-4 AM180 AD6
61.0	3430	24.12	60000	2.30		
67.0	3130	22.00	60200	2.60	KR 137 KRF 137	Y..180L-4 AM180 AD7
77.0	2710	19.04	60500	3.00		
88.0	2390	16.80	60700	3.30	KR 137 KRF 137	Y..180L-4 AM180 AD7
102	2060	14.51	60900	3.90		
115	1820	12.83	61000	4.40		
42.0	5020	35.26	10900	0.85	KR 107 KRF 107	Y..180L-4 AM180 AD4
50.0	4200	29.49	20400	1.00		
59.0	3540	24.90	20000	1.20	KR 107 KRF 107	Y..180L-4 AM180 AD5
65.0	3220	22.62	19700	1.35		
74.0	2850	20.07	19300	1.50		
81.0	2590	18.21	19000	1.65	KR 107 KRF 107	Y..180L-4 AM180 AD5
94.0	2220	15.65	18400	1.95		
108	1940	13.66	17900	2.20	KR 107 KRF 107	Y..180L-4 AM180 AD6
127	1650	11.59	17300	2.60		
146	1440	10.13	16800	3.00		
172	1210	8.56	16100	3.50		
221	940	6.66	15300	3.10	KR 107 KRF 107	Y..180L-4 AM180 AD6
253	820	5.82	14800	3.60		
73.0	2860	20.14	14000	0.90		
81.0	2590	18.24	13900	0.95	KR 97 KRF 97	Y..180L-4 AM180 AD5
91.0	2300	16.17	13700	1.05		
101	2080	14.62	13500	1.10		

n ₁ [1/min]	M ₂ [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =22.0kw						
119	1760	12.39	13200	1.25		
136	1540	10.83	12900	1.35		
159	1320	9.29	13100	1.55	KR 97 KRF 97	Y..180L-4 AM180 AD5
176	1190	8.39	12800	1.70		
207	1010	7.12	12300	1.95		
237	880	6.21	11900	2.10		
284	740	5.20	11300	2.40	KR 97 KRF 97	Y..180L-4 AM180 AD6
328	640	4.50	10900	2.50		
149	1410	9.90	9640	0.85	KR 87 KRF 87	Y..180L-4 AM180 AD4
161	1300	9.14	10100	0.95		
179	1170	8.22	9950	1.00	KR 87 KRF 87	Y..180L-4 AM180 AD5
207	1010	7.13	9680	1.05		
231	900	6.39	9470	1.10		
278	750	5.30	9100	1.20		
351	595	4.20	7330	1.40	KRX 107 KRXF 107	Y..180L-4 AM180 AD5
387	540	3.81	7220	1.55		
436	480	3.38	7080	1.70		
480	435	3.07	6950	1.90	KRX 107 KRXF 107	Y..180L-4 AM180 AD6
559	375	2.64	6750	2.20		
640	325	2.30	6550	2.50	KRX 107 KRXF 107	Y..180L-4 AM180 AD6
755	275	1.95	6310	2.80		
863	240	1.71	6110	2.90		
1020	205	1.44	5860	3.10		
405	515	3.64	5720	1.15		
447	465	3.30	5650	1.25		
505	415	2.92	5550	1.45	KRX 97 KRXF 97	Y..180L-4 AM180 AD5
558	375	2.64	5460	1.60		
658	315	2.24	5290	1.85		
754	275	1.96	5150	2.00		
901	230	1.64	4950	2.20		
1040	200	1.42	4780	2.20	KRX 97 KRXF 97	Y..180L-4 AM180 AD6
534	390	2.76	1310	1.05	KRX 87 KRXF 87	Y..180L-4 AM180 AD5
594	350	2.48	1750	1.15		
685	305	2.15	2190	1.25		
765	270	1.93	2480	1.30	KRX 87 KRXF 87	Y..180L-4 AM180 AD5
922	225	1.60	2780	1.40		
1060	198	1.39	3060	1.45		
P ₁ =30.0kw						
14.0	20800	107.49	120000	0.85		
16.0	18000	93.19	120000	1.00	KR 167 KRF 167	Y..200L-4 AM200 AD5
18.0	16100	82.91	120000	1.10		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	F _r [N]	K	Frame size	Input Configuration
P ₁ =30.0kw						
20.0	14300	73.70	120000	1.25	KR 167 KRF 167	Y..200L-4 AM200 AD5
22.0	13000	67.40	120000	1.40	KR 167 KRF 167	Y..200L-4 AM200 AD6
25.0	11300	58.65	120000	1.60		
28.0	10000	51.76	120000	1.80		
33.0	8710	44.87	120000	2.10	KR 167 KRF 167	Y..200L-4 AM200 AD7
37.0	7750	39.92	120000	2.30		
43.0	6680	34.41	120000	2.70		
53.0	5430	27.96	120000	3.30	KR 167 KRF 167	Y..200L-4 AM200 AD8
62.0	4600	23.71	120000	3.90		
18.0	16200	83.47	33300	0.80	KR 147 KRF 147	Y..200L-4 AM200 AD4
20.0	14000	72.09	60500	0.95		
22.0	13000	66.99	62600	1.00	KR 147 KRF 147	Y..200L-4 AM200 AD5
24.0	11800	61.09	64800	1.10		
28.0	10200	52.87	67400	1.25		
32.0	9060	46.65	69000	1.45		
37.0	7820	40.29	70500	1.65	KR 147 KRF 147	Y..200L-4 AM200 AD6
41.0	6920	35.64	71400	1.90		
49.0	5810	29.95	72400	2.20	KR 147 KRF 147	Y..200L-4 AM200 AD7
61.0	4690	24.19	73100	2.50		
72.0	3960	20.44	73600	3.00	KR 147 KRF 147	Y..200L-4 AM200 AD8
82.0	3500	18.04	73800	3.00		
94.0	3030	15.64	74000	4.30		
29.0	9870	50.86	32800	0.80		
33.0	8620	44.39	51300	0.95	KR 137 KRF 137	Y..200L-4 AM200 AD5
39.0	7310	37.65	54800	1.10		
45.0	6390	32.91	56400	1.25		
53.0	5400	27.83	57900	1.40	KR 137 KRF 137	Y..200L-4 AM200 AD5
61.0	4680	24.12	58800	1.70	KR 137 KRF 137	Y..200L-4 AM200 AD6
67.0	4270	22.00	59200	1.85		
77.0	3690	19.04	59800	2.20	KR 137 KRF 137	Y..200L-4 AM200 AD7
88.0	3260	16.80	60100	2.40		
102	2810	14.51	59500	2.80		
115	2490	12.83	58400	3.20	KR 137 KRF 137	Y..200L-4 AM200 AD7
137	2090	10.79	56600	3.80		
194	1470	7.59	53300	3.50		
231	1230	6.38	51200	4.10		

n [1/min]	M _L [Nm]	i	F _r [N]	K	Frame size	Input Configuration
P ₁ =30.0kw						
74.0	3890	20.07	17600	1.10	KR 107 KRF 107	Y..200L-4 AM200 AD5
81.0	3530	18.21	17400	1.20		
94.0	3030	15.65	17100	1.40		
108	2650	13.66	16800	1.60		
127	2250	11.59	16300	1.90		
146	1960	10.13	15900	2.20		
172	1660	8.56	15400	2.60	KR 107 KRF 107	Y..200L-4 AM200 AD6
188	1520	7.86	15500	1.95		
221	1290	6.66	14900	2.30		
253	1130	5.82	14400	2.60		
300	950	4.92	13700	3.00		
101	2840	14.62	12000	0.80		
119	2400	12.39	11900	0.90	KR 97 KRF 97	Y..200L-4 AM200 AD5
136	2100	10.83	11800	1.00		
159	1800	9.29	12300	1.15		
176	1630	8.39	12100	1.25		
207	1380	7.12	11700	1.45	KR 97 KRF 97	Y..200L-4 AM200 AD5
237	1200	6.21	11300	1.55		
284	1000	5.20	10900	1.75	KR 97 KRF 97	Y..200L-4 AM200 AD6
328	870	4.50	10500	1.85		
436	655	3.38	6370	1.25	KRX 107 KRXF 107	Y..200L-4 AM200 AD5
480	595	3.07	6300	1.40		
559	510	2.64	6180	1.60	KRX 107 KRXF 107	Y..200L-4 AM200 AD6
640	445	2.30	6050	1.85		
755	375	1.95	5870	2.00		
863	330	1.71	5710	2.10	KRX 107 KRXF 107	Y..200L-4 AM200 AD6
1020	280	1.44	5520	2.30		
505	565	2.92	3140	1.05		
558	510	2.64	3580	1.15	KRX 97 KRXF 97	Y..200L-4 AM200 AD5
658	435	2.24	4070	1.35		
754	380	1.96	4460	1.50		
901	315	1.64	4570	1.60		
1040	275	1.42	4450	1.65	KRX 97 KRXF 97	Y..200L-4 AM200 AD6
P ₁ =37.0kw						
16.0	22200	93.19	120000	0.80		
18.0	19800	82.91	120000	0.90	KR 167 KRF 167	Y..225S-4 AM225 AD5
20.0	17600	73.70	120000	1.00		
22.0	16100	67.40	120000	1.10		
25.0	14000	58.65	120000	1.30	KR 167 KRF 167	Y..225S-4 AM225 AD6
29.0	12300	51.76	120000	1.45		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =37.0kw						
33.0	10700	44.87	120000	1.70	KR 167	Y..225S-4
37.0	9540	39.92	120000	1.90	KRF 167	AM225
43.0	8230	34.41	120000	2.20		AD7
53.0	6680	27.96	120000	2.70	KR 167	Y..225S-4
					KRF 167	AM225
						AD8
48.0	7340	30.71	120000	1.35	KR 167	Y..225S-4
					KRF 167	AM225
						AD6
60.0	5870	24.57	120000	2.40	KR 167	Y..225S-4
68.0	5220	21.85	120000	2.50	KRF 167	AM225
78.0	4550	19.03	120000	3.50		AD8
87.0	4060	16.98	120000	3.70	KR 167	Y..225S-4
					KRF 167	AM225
						AD8
22.0	16000	66.99	36200	0.80	KR 147	Y..225S-4
24.0	14600	61.09	55000	0.90	KRF 147	AM225
28.0	12600	52.87	63400	1.05		AD5
32.0	11100	46.65	66000	1.15	KR 147	Y..225S-4
					KRF 147	AM225
						AD5
37.0	9630	40.29	68300	1.35	KR 147	Y..225S-4
					KRF 147	AM225
						AD6
41.0	8520	35.64	69700	1.50	KR 147	Y..225S-4
49.0	7160	29.95	71200	1.80	KRF 147	AM225
61.0	5780	24.19	72400	2.10		AD7
72.0	4880	20.44	73000	2.40	KR 147	Y..225S-4
82.0	4310	18.04	73400	2.40	KRF 147	AM225
94.0	3740	15.64	73700	3.50		AD8
106	3320	13.91	73900	3.80	KR 147	Y..225S-4
					KRF 147	AM225
						AD8
39.0	9000	37.65	49200	0.90	KR 137	Y..225S-4
45.0	7870	32.91	53700	1.00	KRF 137	AM225
53.0	6650	27.83	56000	1.15		AD5
61.0	5770	24.12	57400	1.40	KR 137	Y..225S-4
					KRF 137	AM225
						AD6
67.0	5260	22.00	58100	1.50	KR 137	Y..225S-4
78.0	4550	19.04	57800	1.75	KRF 137	AM225
88.0	4010	16.80	57300	2.00		AD7
102	3470	14.51	56500	2.30	KR 137	Y..225S-4
115	3070	12.83	55700	2.60	KRF 137	AM225
137	2580	10.79	54400	3.10		AD7
170	2080	8.71	52500	3.80		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P ₁ =37.0kw						
195	1810	7.59	51800	2.80	KR 137	Y..225S-4
232	1520	6.38	50000	3.40	KRF 137	AM225
287	1230	5.15	47700	3.70		AD7
74.0	4800	20.07	16100	0.90	KR 107	Y..225S-4
81.0	4350	18.21	16100	1.00	KRF 107	AM225
94.0	3740	15.65	15900	1.15		AD5
108	3260	13.66	15700	1.30	KR 107	Y..225S-4
127	2770	11.59	15400	1.55	KRF 107	AM225
146	2420	10.13	15100	1.75		AD6
172	2040	8.56	14700	2.10	KR 107	Y..225S-4
188	1870	7.86	15000	1.60	KRF 107	AM225
222	1590	6.66	14400	1.85		AD6
254	1390	5.82	14000	2.10		
300	1170	4.92	13400	2.50		
436	800	3.38	4510	1.05	KRX 107	Y..225S-4
					KRXF 107	AM225
						AD5
481	730	3.07	4990	1.15	KRX 107	Y..225S-4
559	630	2.64	5560	1.30	KRF 107	AM225
641	550	2.30	5610	1.50	KRXF 107	AD6
756	465	1.95	5480	1.65		
865	405	1.71	5370	1.70		
1025	345	1.44	5220	1.85		
P ₁ =45.0kw						
20.0	21400	73.70	120000	0.85	KR 167	Y..225M-4
					KRF 167	AM225
						AD5
22.0	19500	67.40	120000	0.90	KR 167	Y..225M-4
25.0	17000	58.65	120000	1.05	KRF 167	AM225
29.0	15000	51.76	120000	1.20		AD6
33.0	13000	44.87	120000	1.40	KR 167	Y..225M-4
37.0	11600	39.92	120000	1.55	KRF 167	AM225
43.0	10000	34.41	120000	1.80		AD7
53.0	8120	27.96	120000	2.20	KR 167	Y..225M-4
62.0	6890	23.71	120000	2.60	KRF 167	AM225
						AD8
48.0	8920	30.71	120000	1.10	KR 167	Y..225M-4
					KRF 167	AM225
						AD6
60.0	7140	24.57	120000	1.95	KR 167	Y..225M-4
68.0	6350	21.85	120000	2.00	KRF 167	AM225
78.0	5530	19.03	120000	2.90		AD8
87.0	4930	16.98	120000	3.00		
28.0	15300	52.87	45500	0.85	KR 147	Y..225M-4
32.0	13500	46.65	61500	0.95	KRF 147	AM225
						AD5

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	F _r [N]	K	Frame size	Input Configuration
P₁=45.0kw						
37.0	11700	40.29	65100	1.10	KR 147 KRF 147	Y..225M-4 AM225 AD6
41.0	10300	35.64	67300	1.25	KR 147 KRF 147	Y..225M-4 AM225 AD7
49.0	8700	29.95	69500	1.50		
61.0	7030	24.19	71300	1.70		
72.0	5940	20.44	72300	2.00	KR 147 KRF 147	Y..225M-4 AM225 AD8
82.0	5240	18.04	72800	2.00		
95.0	4540	15.64	73200	2.90		
106	4040	13.91	73500	3.10		
123	3480	11.99	73800	3.70		
204	2100	7.25	74300	4.10		
45.0	9560	32.91	39600	0.85	KR 137 KRF 137	Y..225M-4 AM225 AD5
53.0	8090	27.83	51300	0.95		
61.0	7010	24.12	52400	1.15	KR 137 KRF 137	Y..225M-4 AM225 AD6
67.0	6390	22.00	52900	1.25	KR 137 KRF 137	Y..225M-4 AM225 AD7
78.0	5530	19.04	53300	1.45		
88.0	4880	16.80	53400	1.65		
102	4210	14.51	53200	1.90	KR 137 KRF 137	Y..225M-4 AM225 AD7
115	3730	12.83	52700	2.10		
137	3130	10.79	51900	2.60		
170	2530	8.71	50500	3.10		
195	2200	7.59	50200	2.30		
232	1850	6.38	48600	2.80		
287	1490	5.15	46600	3.10		
94.0	4550	15.65	14600	0.95	KR 107 KRF 107	Y..225M-4 AM225 AD5
108	970	13.66	14600	1.10	KR 107 KRF 107	Y..225M-4 AM225 AD6
128	3360	11.59	14400	1.30		
146	2940	10.13	14300	1.45		
173	2480	8.56	14000	1.75		
188	2280	7.86	14400	1.30		
222	1930	6.66	13900	1.55		
254	1690	5.82	13600	1.75	KR 107 KRF 107	Y..225M-4 AM225 AD6
300	1430	4.92	13100	2.00		
437	980	3.38	1420	0.85	KRX 107 KRXF 107	Y..225M-4 AM225 AD5
481	890	3.07	2130	0.95		
560	765	2.64	3010	1.10	KRX 107 KRXF 107	Y..225M-4 AM225 AD6
641	670	2.30	3680	1.25		
756	565	1.95	4230	1.35		
865	495	1.71	4570	1.40		
1025	420	1.44	4880	1.55		

n [1/min]	M _L [Nm]	i	F _r [N]	K	Frame size	Input Configuration
P₁=55.0kw						
25.0	20800	58.65	120000	0.85	KR 167 KRF 167	Y..250M-4 AM250 AD6
28.0	18400	51.76	120000	1.00		
33.0	15900	44.87	120000	1.15	KR 167 KRF 167	Y..250M-4 AM250 AD7
37.0	14200	39.92	120000	1.25		
43.0	12200	34.41	120000	1.45		
53.0	9950	27.96	120000	1.80	KR 167 KRF 167	Y..250M-4 AM250 AD8
62.0	8440	23.71	120000	2.10		
60.0	8740	24.57	120000	1.60	KR 167 KRF 167	Y..250M-4 AM250 AD8
68.0	7770	21.85	120000	1.65		
77.0	6770	19.03	120000	2.40		
87.0	6040	16.98	120000	2.50	KR 167 KRF 167	Y..250M-4 AM250 AD8
102	5150	14.48	120000	3.50		
123	4270	11.99	120000	4.00		
32.0	16600	46.65	26700	0.80	KR 147 KRF 147	Y..250M-4 AM250 AD5
37.0	14300	40.29	58200	0.90	KR 147 KRF 147	Y..250M-4 AM250 AD6
41.0	12600	35.64	63300	1.00	KR 147 KRF 147	Y..250M-4 AM250 AD7
49.0	10600	29.95	66800	1.20		
61.0	8610	24.19	69600	1.40		
72.0	7270	20.44	71100	1.65	KR 147 KRF 147	Y..250M-4 AM250 AD8
82.0	6420	18.04	71900	1.65		
94.0	5560	15.64	72500	2.30		
106	4950	13.91	73000	2.50	KR 147 KRF 147	Y..250M-4 AM250 AD8
123	4260	11.99	73400	3.00	KR 147 KRF 147	Y..250M-4 AM250 AD8
151	3460	9.74	73800	3.80		
203	2580	7.25	74200	3.40		
250	2090	5.89	72500	4.10		
77.0	6770	19.04	47800	1.20	KR 137 KRF 137	Y..250M-4 AM250 AD7
88.0	5980	16.80	48500	1.35		
102	5160	14.51	48900	1.55		
115	4560	12.83	49000	1.75	KR 137 KRF 137	Y..250M-4 AM250 AD7
137	3840	10.79	48800	2.10		
169	3100	8.71	48000	2.50		
194	2700	7.59	48100	1.90		
231	2270	6.38	46900	2.20		
286	1830	5.15	45200	2.50		
P₁=75.0kw						
33.0	21700	44.87	120000	0.85	KR 167 KRF 167	Y..280S-4 AM280 AD7
37.0	19300	39.92	120000	0.95		
43.0	16600	34.41	120000	1.10		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=75.0kw						
53.0	13500	27.96	120000	1.35	KR 167	Y..280S-4
62.0	11400	23.71	120000	1.55	KRF 167	AM280 AD8
60.0	11800	24.57	120000	1.20	KR 167	Y..280S-4
68.0	10500	21.85	120000	1.25	KRF 167	AM280 AD8
78.0	9210	19.03	120000	1.75		
87.0	8210	16.98	120000	1.85	KR 167	Y..280S-4
102	7000	14.48	120000	2.60	KRF 167	AM280 AD8
123	5800	11.99	116600	2.90		
145	4950	10.24	112800	3.40		
49.0	14400	29.95	56500	0.90	KR 147	Y..280S-4
61.0	11700	24.19	65100	1.00	KRF 147	AM280 AD7
72.0	9890	20.44	67900	1.20	KR 147	Y..280S-4
82.0	8720	18.04	69500	1.20	KRF 147	AM280 AD8
95.0	7560	15.64	70800	1.70		
106	6730	13.91	71600	1.85		
123	5800	11.99	72400	2.20	KR 147	Y..280S-4
152	4710	9.74	73100	2.80	KRF 147	AM280 AD8
179	3990	8.26	73500	3.20		
204	3500	7.25	73100	2.50		
251	2850	5.89	70100	3.00		
296	2410	5.00	67600	3.60		
P₁=90.0kw						
37.0	23100	39.92	120000	0.80	KR 167	Y..280M-4
43.0	19900	34.41	120000	0.90	KRF 167	AM280 AD7
53.0	16200	27.96	120000	1.10	KR 167	Y..280M-4
62.0	13700	23.71	120000	1.30	KRF 167	AM280 AD8
78.0	11000	19.03	120000	1.45		
87.0	9860	16.98	120000	1.50		
102	8400	14.48	117300	2.10		
123	6960	11.99	113500	2.40		
145	5940	10.24	110100	2.90		

n [1/min]	M _L [Nm]	i	Fr [N]	K	Frame size	Input Configuration
P₁=90.0kw						
95.0	9080	15.64	69000	1.45	KR 147	Y..280M-4
106	8070	13.91	70200	1.55	KRF 147	AM280 AD8
123	6960	11.99	71400	1.85		
152	5650	9.74	72500	2.30		
179	4790	8.26	73000	2.70	KR 147	Y..280M-4
204	4210	7.25	70900	2.10	KRF 147	AM280 AD8
251	3420	5.89	68300	2.50		
296	2900	5.00	66100	3.00		
P₁=110kw						
53.0	19800	27.96	117100	0.90	KR 167	Y..315S-4
63.0	16700	23.71	116900	1.05	KRF 167	- AD8
78.0	13400	19.03	115500	1.20	KR 167	Y..315S-4
					KRF 167	- AD8
87.0	12000	16.98	114300	1.25		
102	10200	14.48	112200	1.75	KR 167	Y..315S-4
124	8490	11.99	109300	2.00	KRF 167	- AD8
145	7250	10.24	106500	2.30		
P₁=132kw						
63.0	20100	23.71	107900	0.90	KR 167	Y..315M-4
					KRF 167	- AD8
78.0	16100	19.03	108300	1.00	KR 167	Y..315M-4
87.0	14400	16.98	107800	1.05	KRF 167	- AD8
103	12200	14.48	106700	1.45		
124	10100	11.99	104700	1.65	KR 167	Y..315M-4
145	8680	10.24	102600	1.95	KRF 167	- AD8

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2. 8 KR../KRF..性能參數 / KR../KRF..Performance Parameters

n_2 [1/min]	i	F_r [N]	Frame size	Motor
$M_{2max}=130Nm$				
0.16	8612	4230	KR KRF	27 KRF17 27 KRF17
0.19	7425	4230		
0.20	6921	4230		
0.23	6050	4230		
0.26	5217	4230		
0.30	4661	4230		
0.34	4073	4230		
0.39	3516	4230		
0.44	3160	4230		
0.50	2763	4230		
0.57	2414	4230		
0.65	2110	4230		
0.76	1822	4230		
0.87	1580	4230		
0.94	1464	4230		
1.10	1270	4230		
1.20	1100	4230		
1.40	972	4230		
1.60	840	4230		
1.90	741	4230		
2.10	654	4230		
2.40	566	4230		
2.80	499	4230		
3.10	440	4230		
3.60	381	4230		
4.20	329	4230		
4.80	290	4230		
5.40	256	4230		
6.10	227	4230		
6.80	203	4230		
7.40	179	4230		
8.50	156	4230		
9.80	135	4230		
11.0	118	4230		
12.0	104	4230		
14.0	90	4230		
$M_{2max}=200Nm$				
0.16	8595	4940		
0.19	7411	4940		
0.20	6907	4940		
0.23	6038	4940		
0.27	5206	4940		
0.30	4561	4940		
0.34	4065	4940		
0.38	3658	4940		
0.44	3154	4940		
0.50	2757	4940		
0.57	2409	4940		
0.66	2106	4940		
0.76	1818	4940		
0.88	1576	4940		
$M_{2max}=200Nm$				
1.00	1359	4940		
1.10	1267	4940		
1.30	1098	4940		
1.40	970	4940		
1.60	839	4940		
1.90	740	4940		
2.10	653	4940		
2.40	577	4940		
2.80	498	4940		
3.10	439	4940		
3.60	378	4940		
4.20	328	4940		
4.80	289	4940		
5.00	265	4940		
5.80	226	4940		
6.50	202	4940		
7.40	179	4940		
8.40	156	4940		
9.70	135	4940		
10.0	127	4940		
13.0	104	4940		
15.0	90	4940		
$M_{2max}=300Nm$				
0.10	13598	5420		
0.11	12472	5420		
0.13	10619	5420		
0.15	9155	5420		
0.16	8534	5420		
0.18	7460	5420		
0.20	6993	5420		
0.22	6171	5420		
0.25	5624	5420		
0.28	4849	5420		
0.31	4520	5420		
0.35	3951	5420		
0.37	3704	5420		
0.42	3268	5420		
0.48	2898	5420		
0.56	2463	5420		
0.53	2598	5420		
0.58	2383	5420		
0.68	2029	5420		
0.79	1749	5420		
0.85	1630	5420		
0.97	1425	5420		
1.00	1336	5420		
1.20	1179	5420		
1.30	1074	5420		
1.50	927	5420		
1.60	863	5420		
1.80	755	5420		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n_2 [1/min]	i	F_r [N]	Frame size		Motor
$M_{2max}=300Nm$					
2.50	546	5420	KR	47 KRF37	Y..63M ₁ -4
2.80	502	5420	KRF	47 KRF37	Y..63M ₁ -4
3.20	429	5420			
3.60	372	5420	KR	47 KRF37	Y..63M ₂ -4
3.80	348	5420	KRF	47 KRF37	Y..63M ₂ -4
4.40	301	5420			
5.10	255	5420	KR	47 KRF37	Y..71M ₁ -4
5.70	228	5420	KRF	47 KRF37	Y..71M ₁ -4
$M_{2max}=450Nm$					
0.10	14369	7100			
0.11	12095	7100			
0.13	10860	7100			
0.15	9445	7100	KR	57 KRF37	Y..63M ₁ -4
0.16	8480	7100	KRF	57 KRF37	Y..63M ₁ -4
0.19	7312	7100			
0.21	6521	7100			
0.25	5585	7100			
0.28	4928	7100			
0.32	4378	7100			
0.36	3873	7100			
0.41	3344	7100			
0.47	2907	7100	KR	57 KRF37	Y..63M ₁ -4
0.54	2567	7100	KRF	57 KRF37	Y..63M ₁ -4
0.61	2244	7100			
0.70	1967	7100			
0.80	1732	7100			
0.89	1555	7100			
0.99	1399	7100	KR	57 KRF37	Y..63M ₁ -4
1.20	1189	7100	KRF	57 KRF37	Y..63M ₁ -4
1.30	1034	7100			
1.80	782	7100			
2.00	678	7100			
2.20	604	7100	KR	57 KRF37	Y..63M ₂ -4
2.50	537	7100	KRF	57 KRF37	Y..63M ₂ -4
2.80	471	7100			
3.60	357	7100	KR	57 KRF37	Y..71M ₁ -4
4.10	319	7100	KRF	57 KRF37	Y..71M ₁ -4
5.10	273	7100	KR	57 KRF37	Y..71M ₂ -4
5.70	241	7100	KRF	57 KRF37	Y..71M ₂ -4
$M_{2max}=600Nm$					
0.09	15361	7560			
0.11	12931	7560	KR	67 KRF37	Y..63M ₁ -4
0.12	11996	7560	KRF	67 KRF37	Y..63M ₁ -4
0.14	10097	7560			
0.15	9066	7560			
0.18	7816	7560	KR	67 KRF37	Y..63M ₁ -4
0.20	6732	7560	KRF	67 KRF37	Y..63M ₁ -4
0.23	5970	7560			
0.26	5268	7560			

n_2 [1/min]	i	F_r [N]	Frame size		Motor
$M_{2max}=600Nm$					
0.29	4680	7560	KR KRF	67 KRF37	Y..63M ₁ -4 Y..63M ₁ -4
0.33	4136	7560			
0.39	3566	7560			
0.44	3125	7560			
0.50	2745	7560			
0.57	2403	7560			
0.51	2682	7560	KR KRF	67 KRF37	Y..63M ₁ -4 Y..63M ₁ -4
0.56	2460	7560			
0.66	2094	7560			
0.76	1805	7560			
0.85	1629	7560			
0.94	1471	7560			
1.00	1379	7560			
1.80	730	7560	KR	67 KRF37	Y..63M ₁ -4
2.30	571	7560	KRF	67 KRF37	Y..63M ₁ -4
2.70	486	7560	KR KRF	67 KRF37 67 KRF37	Y..71M ₁ -4 Y..71M ₁ -4
0.84	1652	7560	KR KRF	67 KRF37	Y..63M ₁ -4 Y..63M ₁ -4
0.96	1432	7560			
1.10	1259	7560			
1.20	1106	7560			
1.60	836	7560	KR KRF	67 KRF37	Y..63M ₁ -4 Y..63M ₁ -4
1.80	750	7560			
2.00	646	7560			
2.30	574	7560			
2.60	495	7560	KR KRF	67 KRF37	Y..71M ₁ -4 Y..71M ₁ -4
3.00	438	7560			
3.40	388	7560			
4.00	344	7560	KR	67 KRF37	Y..71M ₁ -4
4.70	294	7560	KRF	67 KRF37	Y..71M ₁ -4
$M_{2max}=820Nm$					
0.08	16370	9920	KR KRF	77 KRF37	Y..63M ₁ -4 Y..63M ₁ -4
0.09	15015	9920			
0.10	13885	9920			
0.11	12783	9920			
0.13	11021	9920			
0.14	9788	9920			
0.16	8714	9920			
0.18	7617	9920			
0.20	6770	9920			
0.24	5838	9920			
0.27	5184	9920			
0.31	4470	9920			
0.35	3999	9920			
0.40	3488	9920			
0.45	3053	9920			
0.52	2671	9920			
0.44	3151	9920	KR	77 KRF37	Y..63M ₁ -4
0.48	2890	9920	KRF	77 KRF37	Y..63M ₁ -4
0.56	2460	9920			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n_1 [1/min]	i	F_r [N]	Frame size		Motor
$M_{2max}=820Nm$					
0.65	2121	9920			
0.70	1977	9920			
0.80	1728	9920	KR	77 KRF37	Y..63M ₁ -4
0.85	1620	9920	KRF	77 KRF37	Y..63M ₁ -4
0.97	1430	9920			
1.10	1303	9920			
1.20	1124	9920			
1.30	1047	9920	KR	77 KRF37	Y..63M ₂ -4
1.40	915	9920	KRF	77 KRF37	Y..63M ₂ -4
1.50	858	9920			
1.70	757	9920			
1.90	671	9920	KR	77 KRF37	Y..71M ₁ -4
2.30	571	9920	KRF	77 KRF37	Y..71M ₁ -4
2.30	560	9920	KR	77 KRF37	Y..71M ₁ -4
			KRF	77 KRF37	Y..71M ₁ -4
2.80	488	9920	KR	77 KRF37	Y..71M ₂ -4
3.20	436	9920	KRF	77 KRF37	Y..71M ₂ -4
3.70	373	9920			
4.20	327	9920	KR	77 KRF37	Y..80M ₁ -4
4.80	289	9920	KRF	77 KRF37	Y..80M ₁ -4
5.30	260	9920			
$M_{2max}=1550Nm$					
0.08	17452	16900			
0.09	15310	16900			
0.10	13813	16900			
0.11	12025	16900			
0.13	10549	16900			
0.15	9244	16900			
0.17	8109	16900			
0.20	7038	16900	KR	87 KRF57	Y..63M ₁ -4
0.22	6174	16900	KRF	87 KRF57	Y..63M ₁ -4
0.25	5449	16900			
0.29	4831	16900			
0.33	4206	16900			
0.37	3744	16900			
0.43	3233	16900			
0.48	2873	16900			
0.67	1961	16900	KR	87 KRF57	Y..63M ₂ -4
			KRF	87 KRF57	Y..63M ₂ -4
0.34	4020	16900			
0.43	3182	16900	KR	87 KRF57	Y..63M ₁ -4
0.50	2770	16900	KRF	87 KRF57	Y..63M ₁ -4
0.53	2595	16900			
0.62	2129	16900			
0.68	1930	16900	KR	87 KRF57	Y..63M ₂ -4
0.76	1733	16900	KRF	87 KRF57	Y..63M ₂ -4
0.89	1489	16900			
0.95	1395	16900			

n_1 [1/min]	i	F_r [N]	Frame size		Motor
$M_{2max}=1550Nm$					
1.00	1232	16900	KR	87 KRF57	Y..71M ₁ -4
1.10	1145	16900	KRF	87 KRF57	Y..71M ₁ -4
1.20	1037	16900			
1.70	802	16900	KR	87 KRF57	Y..71M ₁ -4
1.80	754	16900	KRF	87 KRF57	Y..71M ₁ -4
0.76	1737	16900	KR	87 KRF57	Y..63M ₁ -4
0.87	1524	16900	KRF	87 KRF57	Y..63M ₁ -4
1.00	1303	16900	KR	87 KRF57	Y..71M ₁ -4
1.30	1008	16900	KRF	87 KRF57	Y..71M ₁ -4
1.60	885	16900	KR	87 KRF57	Y..71M ₁ -4
2.00	685	16900	KRF	87 KRF57	Y..71M ₁ -4
2.30	599	16900	KR	87 KRF57	Y..80M ₁ -4
			KRF	87 KRF57	Y..80M ₁ -4
3.60	398	16900	KR	87 KRF57	Y..80M ₁ -4
4.10	352	16900	KRF	87 KRF57	Y..80M ₁ -4
4.60	305	16900	KR	87 KRF57	Y..90S-4
5.30	268	16900	KRF	87 KRF57	Y..90S-4
2.60	538	16900	KR	87 KRF57	Y..80M ₁ -4
2.90	472	16900	KRF	87 KRF57	Y..80M ₁ -4
3.60	400	16900	KR	87 KRF57	Y..80M ₁ -4
4.00	361	16900	KRF	87 KRF57	Y..80M ₁ -4
4.70	300	16900	KR	87 KRF57	Y..90S-4
5.60	256	16900	KRF	87 KRF57	Y..90S-4
$M_{2max}=3000Nm$					
0.06	21769	19800			
0.07	19332	19800			
0.08	17230	19800			
0.09	14999	19800			
0.10	13320	19800			
0.12	11156	19800	KR	97 KRF57	Y..63M ₁ -4
0.14	10030	19800	KRF	97 KRF57	Y..63M ₁ -4
0.16	8706	19800			
0.18	7692	19800			
0.21	6708	19800			
0.23	5931	19800			
0.27	5161	19800			
0.33	4004	19800	KR	97 KRF57	Y..63M ₁ -4
0.38	3481	19800	KRF	97 KRF57	Y..63M ₁ -4
0.29	4678	19800	KR	97 KRF57	Y..63M ₁ -4
			KRF	97 KRF57	Y..63M ₁ -4
0.31	4309	19800	KR	97 KRF57	Y..63M ₁ -4
0.36	3702	19800	KRF	97 KRF57	Y..63M ₁ -4
0.44	3019	19800			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n_2 [1/min]	i	Fr [N]	Frame size		Motor
M_{2max}=3000Nm					
0.49	2668	19800	KR KRF	97 KRF57	Y..71M ₁ -4
0.58	2245	19800		97 KRF57	Y..71M ₁ -4
0.64	2016	19800			
0.80	1733	19800	KR KRF	97 KRF57	Y..71M ₁ -4
0.85	1623	19800		97 KRF57	Y..71M ₁ -4
0.96	1434	19800			
1.10	1207	19800	KR KRF		
1.30	1084	19800		97 KRF57	Y..80M ₁ -4
1.50	934	19800		97 KRF57	Y..80M ₁ -4
1.60	878	19800			
1.90	755	19800	KR KRF	97 KRF57 97 KRF57	Y..80M ₁ -4 Y..80M ₁ -4
0.76	1823	19800	KR KRF	97 KRF57	Y..71M ₁ -4
0.87	1583	19800		97 KRF57	Y..71M ₁ -4
0.99	1396	19800			
1.10	1228	19800	KR KRF	97 KRF57	Y..80M ₁ -4
1.30	1069	19800		97 KRF57	Y..80M ₁ -4
1.50	938	19800			
1.70	824	19800	KR KRF	97 KRF57	Y..80M ₁ -4
2.00	737	19800		97 KRF57	Y..80M ₁ -4
2.20	632	19800	KR KRF	97 KRF57	Y..90S-4
2.50	560	19800		97 KRF57	Y..90S-4
2.90	484	19800			
3.30	431	19800	KR KRF	97 KRF57	Y..90L-4
3.80	379	19800		97 KRF57	Y..90L-4
4.20	336	19800	KR KRF	97 KRF57 97 KRF57	Y..90L-4 Y..90L-4
4.80	296	19800	KR KRF	97 KRF57	Y..100L ₁ -4
5.70	249	19800		97 KRF57	Y..100L ₁ -4
6.10	234	19800			
2.30	625	19800	KR KRF	97 KRF57	Y..90S-4
2.60	549	19800		97 KRF57	Y..90S-4
5.30	270	19800	KR KRF	97 KRF57	Y..100L ₁ -4
6.30	227	19800		97 KRF57	Y..100L ₁ -4
M_{2max}=4300Nm					
0.07	20018	29500	KR KRF		
0.08	17080	29500			
0.09	14936	29500			
0.11	12829	29500		107 KRF77	Y..63M ₁ -4
0.12	11256	29500		107 KRF77	Y..63M ₁ -4
0.14	9547	29500			
0.16	8618	29500			
0.18	7583	29500			
0.20	6743	29500	KR KRF	107 KRF77	Y..63M ₁ -4
0.22	5914	29500		107 KRF77	Y..63M ₁ -4
0.26	5168	29500			

n_2 [1/min]	i	F_r [N]	Frame size		Motor
$M_{max}=4300Nm$					
0.30	4435	29500	KR KRF	107 KRF77 107 KRF77	Y..63M ₁ -4 Y..63M ₁ -4
0.33	3896	29500	KR	107 KRF77	Y..71M ₁ -4
0.43	3039	29500	KRF	107 KRF77	Y..71M ₁ -4
0.33	3918	29500	KR	107 KRF77	Y..71M ₁ -4
0.39	3343	29500	KRF	107 KRF77	Y..71M ₁ -4
0.43	3034	29500			
0.52	2653	29500	KR	107 KRF77	Y..71M ₁ -4
0.61	2280	29500	KRF	107 KRF77	Y..71M ₁ -4
0.67	2067	29500			
0.82	1693	29500	KR	107 KRF77	Y..80M ₁ -4
0.89	1550	29500	KRF	107 KRF77	Y..80M ₁ -4
0.98	1407	29500			
1.20	1209	29500	KR	107 KRF77	Y..80M ₁ -4
1.40	1055	29500	KRF	107 KRF77	Y..80M ₁ -4
1.50	919	29500	KR	107 KRF77	Y..90S-4
1.70	815	29500	KRF	107 KRF77	Y..90S-4
2.00	717	29500			
2.30	626	29500	KR	107 KRF77	Y..90L-4
2.70	528	29500	KRF	107 KRF77	Y..90L-4
0.69	1987	29500	KR KRF	107 KRF77 107 KRF77	Y..71M ₁ -4 Y..71M ₁ -4
0.76	1827	29500	KR	107 KRF77	Y..80M ₁ -4
0.86	1599	29500	KRF	107 KRF77	Y..80M ₁ -4
0.99	1400	29500			
1.20	1226	29500	KR	107 KRF77	Y..80M ₁ -4
1.30	1104	29500	KRF	107 KRF77	Y..80M ₁ -4
1.50	939	29500	KR	107 KRF77	Y..90S-4
1.70	822	29500	KRF	107 KRF77	Y..90S-4
2.30	614	29500	KR	107 KRF77	Y..90L-4
2.60	544	29500	KRF	107 KRF77	Y..90L-4
2.90	492	29500			
3.40	417	29500	KR	107 KRF77	Y..100L ₁ -4
3.90	369	29500	KRF	107 KRF77	Y..100L ₁ -4
4.40	323	29500			
5.10	285	29500	KR	107 KRF77	Y..100L ₂ -4
5.80	253	29500	KRF	107 KRF77	Y..100L ₂ -4
6.80	214	29500	KR	107 KRF77	Y..112M-4
7.80	187	29500	KRF	107 KRF77	Y..112M-4
3.00	469	29500	KR KRF	107 KRF77 107 KRF77	Y..90L-4 Y..90L-4
3.40	426	29500	KR	107 KRF77	Y..100L ₁ -4
3.80	377	29500	KRF	107 KRF77	Y..100L ₁ -4

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n_2 [1/min]	i	Fr [N]	Frame size		Motor
M _{2max} =4300Nm					
4.40	325	29500	KR KRF	107 KRF77 107 KRF77	Y..100L ₁ -4 Y..100L ₁ -4
5.10	284	29500	KR	107 KRF77	Y..100L ₁ -4
5.70	256	29500	KRF	107 KRF77	Y..100L ₁ -4
6.60	220	29500	KR	107 KRF77	Y..112M-4
7.60	193	29500	KRF	107 KRF77	Y..112M-4
8.40	172	29500	KR KRF	107 KRF77 107 KRF77	Y..132S-4 Y..132S-4
M _{2max} =8000Nm					
0.06	22203	53400			
0.07	18945	53400			
0.08	16566	53400	KR	137 KRF77	Y..63M ₁ -4
0.09	14777	53400	KRF	137 KRF77	Y..63M ₁ -4
0.11	12921	53400			
0.11	11712	53400	KR	137 KRF77	Y..63M ₁ -4
0.12	10573	53400	KRF	137 KRF77	Y..63M ₁ -4
0.15	8784	53400			
0.17	7479	53400	KR	137 KRF77	Y..71M ₁ -4
0.20	6559	53400	KRF	137 KRF77	Y..71M ₁ -4
0.22	5834	53400			
0.27	5116	53400			
0.31	4464	53400	KR	137 KRF77	Y..71M ₁ -4
0.35	3928	53400	KRF	137 KRF77	Y..71M ₁ -4
0.40	3454	53400	KR	137 KRF77	Y..80M ₁ -4
0.46	2993	53400	KRF	137 KRF77	Y..80M ₁ -4
0.29	4709	53400	KR	137 KRF77	Y..71M ₁ -4
0.34	4018	53400	KRF	137 KRF77	Y..71M ₁ -4
0.39	3514	53400			
0.41	3338	53400	KR	137 KRF77	Y..80M ₁ -4
0.47	2929	53400	KRF	137 KRF77	Y..80M ₁ -4
0.56	2484	53400			
0.64	2242	53400	KR	137 KRF77	Y..80M ₁ -4
0.77	1863	53400	KRF	137 KRF77	Y..80M ₁ -4
0.90	1586	53400			
1.00	1391	53400	KR	137 KRF77	Y..90S-4
1.10	1256	53400	KRF	137 KRF77	Y..90S-4
1.30	1105	53400			
1.40	1043	53400	KR	137 KRF77	Y..90L-4
1.60	888	53400	KRF	137 KRF77	Y..90L-4
2.00	699	53400	KR	137 KRF77	Y..100L ₁ -4
2.30	609	53400	KRF	137 KRF77	Y..100L ₁ -4
0.52	2658	53400	KR	137 KRF77	Y..80M ₁ -4
0.57	2412	53400	KRF	137 KRF77	Y..80M ₁ -4

n_2 [1/min]	i	Fr [N]	Frame size		Motor
M_{2max}=8000Nm					
0.69	2073	53400	KR	137 KRF77	Y..80M ₁ -4
0.78	1839	53400	KRF	137 KRF77	Y..80M ₁ -4
0.89	1598	53400	KR	137 KRF77	Y..90S-4
1.00	1397	53400	KRF	137 KRF77	Y..90S-4
1.20	1226	53400			
1.30	1090	53400	KR	137 KRF77	Y..90L-4
1.50	951	53400	KRF	137 KRF77	Y..90L-4
1.70	831	53400	KR	137 KRF77	Y..100L ₁ -4
2.00	730	53400	KRF	137 KRF77	Y..100L ₁ -4
2.30	629	53400			
2.60	560	53400	KR	137 KRF77	Y..100L ₂ -4
3.00	490	53400	KRF	137 KRF77	Y..100L ₂ -4
3.40	428	53400	KR	137 KRF77	Y..112M-4
3.80	381	53400	KRF	137 KRF77	Y..112M-4
4.50	323	53400	KR	137 KRF77	Y..132S-4
5.00	291	53400	KRF	137 KRF77	Y..132S-4
5.70	255	53400			
2.60	564	53400	KR	137 KRF77	Y..100L ₂ -4
2.80	517	53400	KRF	137 KRF77	Y..100L ₂ -4
3.20	453	53400			
3.90	376	53400	KR	137 KRF77	Y..112M-4
4.30	339	53400	KRF	137 KRF77	Y..112M-4
4.90	297	53400	KR	137 KRF77	Y..132S-4
			KRF	137 KRF77	Y..132S-4
M_{2max}=13000Nm					
0.06	23401	62700	KR	147 KRF77	Y..63M ₁ -4
0.06	21342	62700	KRF	147 KRF77	Y..63M ₁ -4
0.07	18210	62700			
0.08	15923	62700	KR	147 KRF77	Y..63M ₁ -4
0.09	14075	62700	KRF	147 KRF77	Y..63M ₁ -4
0.11	12344	62700			
0.12	11143	62700	KR	147 KRF77	Y..71M ₁ -4
0.13	9743	62700	KRF	147 KRF77	Y..71M ₁ -4
0.16	8443	62700			
0.19	7307	62700	KR	147 KRF77	Y..71M ₁ -4
0.21	6447	62700	KRF	147 KRF77	Y..71M ₁ -4
0.25	5568	62700	KR	147 KRF77	Y..80M ₁ -4
0.28	4926	62700	KRF	147 KRF77	Y..80M ₁ -4
0.32	4325	62700			
0.38	3754	62700	KR	147 KRF77	Y..80M ₂ -4
0.43	3302	62700	KRF	147 KRF77	Y..80M ₂ -4
0.49	2898	62700	KR	147 KRF77	Y..90S-4
			KRF	147 KRF77	Y..90S-4

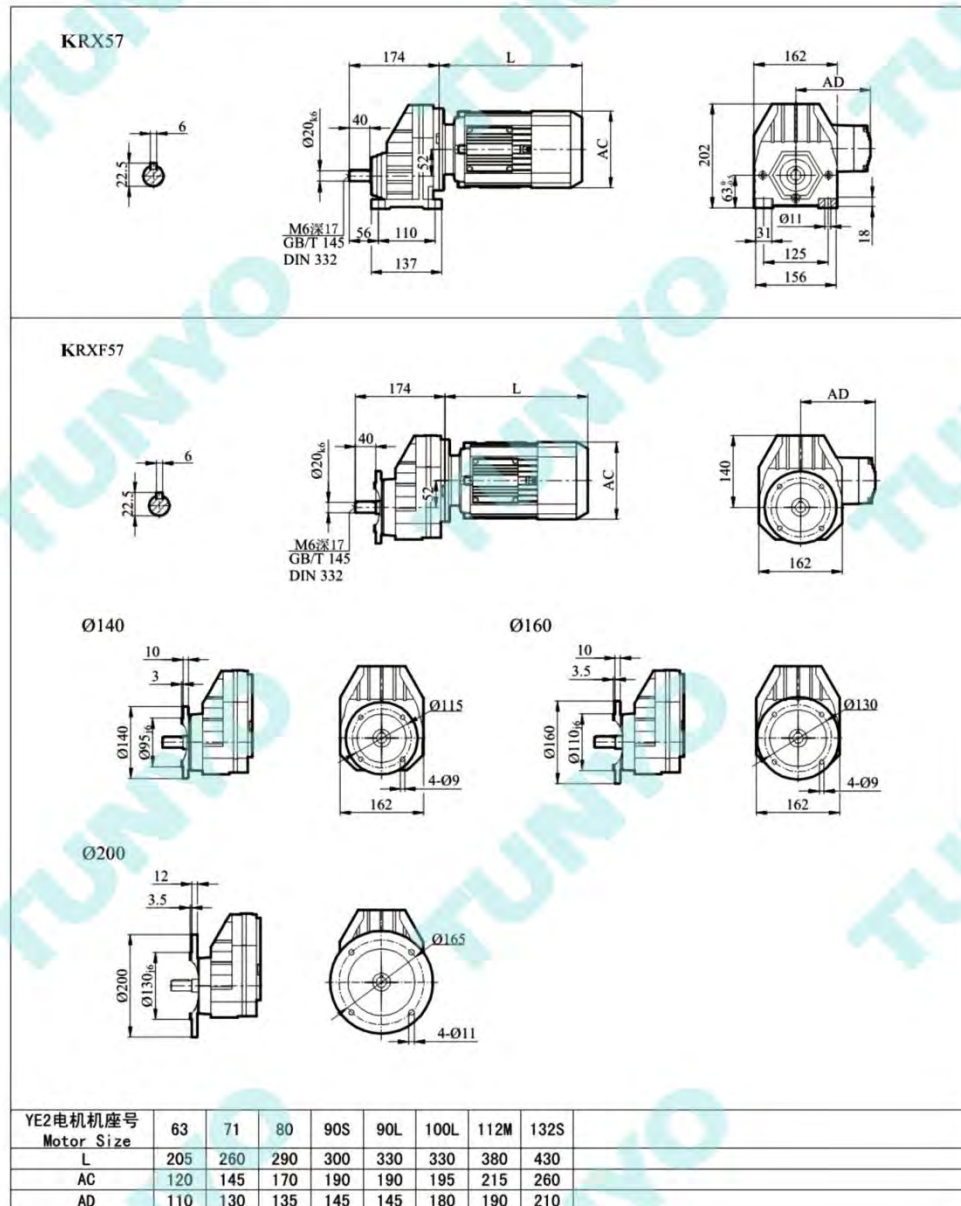
K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

n_2 [1/min]	i	F_r [N]	Frame size		Motor
$M_{2max}=13000Nm$					
0.56	2555	62700	KR	147 KRF77	Y..90S-4
0.64	2211	62700	KRF	147 KRF77	Y..90S-4
0.73	1951	62700			
0.84	1705	62700	KR	147 KRF77	Y..90L-4
0.93	1536	62700	KRF	147 KRF77	Y..90L-4
1.10	1329	62700	KR	147 KRF77	Y..100L-4
1.20	1166	62700	KRF	147 KRF77	Y..100L-4
1.40	1029	62700			
1.60	889	62700	KR	147 KRF77	Y..100L ₂ -4
1.90	784	62700	KRF	147 KRF77	Y..100L ₂ -4
2.10	695	62700	KR	147 KRF77	Y..112M-4
2.40	619	62700	KRF	147 KRF77	Y..112M-4
2.60	558	62700			
3.00	489	62700	KR	147 KRF77	Y..132S-4
			KRF	147 KRF77	Y..132S-4
2.70	533	62700	KR	147 KRF87	Y..132S-4
3.20	462	62700	KRF	147 KRF87	Y..132S-4
3.40	426	62700			
4.00	368	62700	KR	147 KRF87	Y..132M-4
4.50	326	62700	KRF	147 KRF87	Y..132M-4
6.90	214	62700	KR	147 KRF87	Y..160M-4
			KRF	147 KRF87	Y..160M-4
$M_{2max}=18000Nm$					
0.05	27001	120000			
0.06	22482	120000			
0.07	20002	120000			
0.08	17361	120000			
0.09	15446	120000	KR	167 KRF97	Y..80M ₁ -4
0.10	14051	120000	KRF	167 KRF97	Y..80M ₁ -4
0.12	11812	120000			
0.13	10509	120000			
0.14	9631	120000			
0.19	7749	120000	KR	167 KRF97	Y..80M ₂ -4
0.221	6894	120000	KRF	167 KRF97	Y..80M ₂ -4

n_1 [1/min]	i	F_r [N]	Frame size		Motor
$M_{2max}=4300Nm$					
0.23	6077	120000	KR KRF	167 KRF97 167 KRF97	Y..80M ₁ -4 Y..80M ₁ -4
0.27	5407	120000	KR	167 KRF97	Y..80M ₂ -4
0.31	4650	120000	KRF	167 KRF97	Y..80M ₂ -4
0.34	4129	120000	KR	167 KRF97	Y..90S-4
0.38	3692	120000	KRF	167 KRF97	Y..90S-4
0.54	2657	120000	KR KRF	167 KRF97 167 KRF97	Y..90L-4 Y..90L-4
0.61	2333	120000			
0.69	2085	120000			
0.76	1877	120000	KR KRF	167 KRF97 167 KRF97	Y..100L ₁ -4 Y..100L ₁ -4
0.85	1670	120000			
0.99	1438	120000			
1.10	1279	120000	KR KRF	167 KRF97 167 KRF97	Y..100L ₂ -4 Y..100L ₂ -4
1.30	1123	120000			
1.50	999	120000			
1.70	861	120000	KR KRF	167 KRF97 167 KRF97	Y..112M-4 Y..112M-4
1.90	760	120000			
2.20	656	120000	KR	167 KRF97	Y..132S-4
2.50	579	120000	KRF	167 KRF97	Y..132S-4
2.90	503	120000	KR	167 KRF97	Y..132M-4
3.40	432	120000	KRF	167 KRF97	Y..132M-4
4.90	303	120000	KR	167 KRF97	Y..160M-4
5.30	279	120000	KRF	167 KRF97	Y..160M-4
5.00	295	120000	KR KRF	167 KRF107 167 KRF107	Y..160M-4 Y..160M-4
5.40	270	120000	KR KRF	167 KRF107 167 KRF107	Y..160L-4 Y..160L-4
6.40	229	120000			
7.30	200	120000			
5.10	291	120000	KR KRF	167 KRF107 167 KRF107	Y..160M-4 Y..160M-4
5.60	264	120000	KR KRF	167 KRF107 167 KRF107	Y..160L-4 Y..160L-4
6.50	227	120000			
7.40	198	120000			

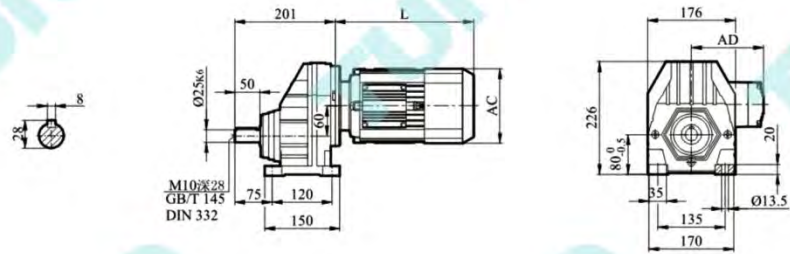
K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

外形尺寸 Dimensions

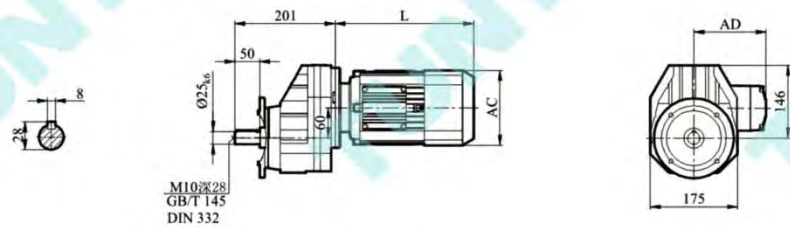


K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

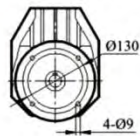
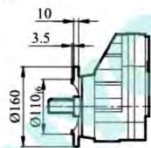
KRX67



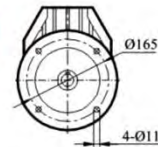
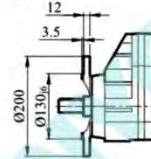
KRXF67



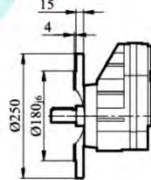
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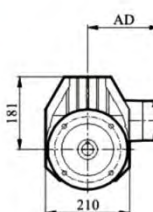
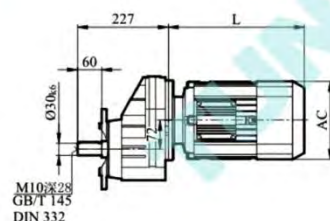
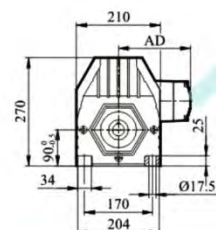
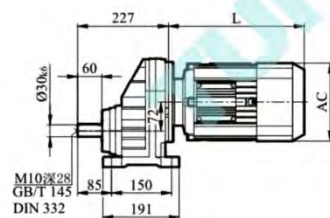


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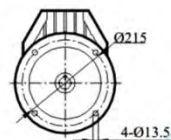
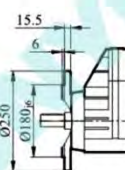


YE2电机座号 Motor Size	63	71	80	90S	90L	100	112M	132S
L	205	260	290	300	330	330	380	430
AC	120	145	170	190	190	210	230	280
AD	110	130	135	145	145	160	215	215

K Series Helical Gear Reduction Motor



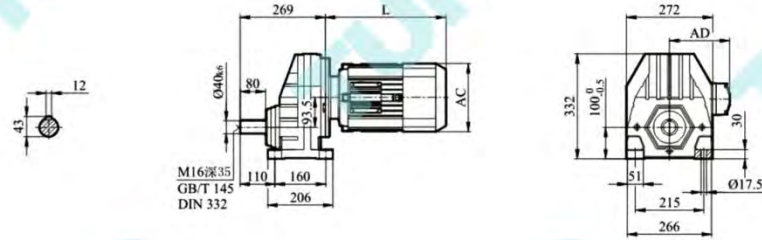
Technical drawing of a mechanical part with dimensions: 13, 5.5, Ø200, and Ø130.6.



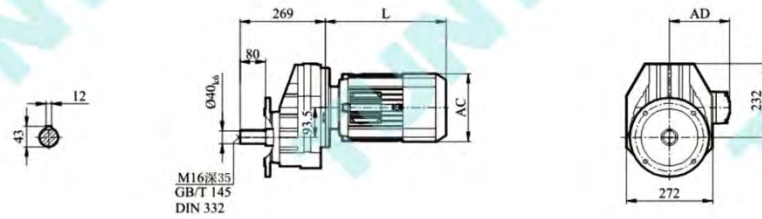
YE2电机座号 Motor Size	71	80	90S	90L	100	112M	132S	132M	160M	
L	254	284	292	322	322	370	418	457	524	
AC	145	170	190	190	210	230	280	280	315	
AD	130	135	145	145	160	215	215	215	255	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

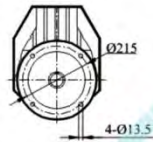
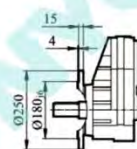
KRX87



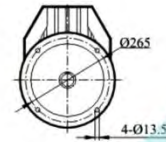
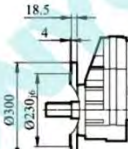
KRXF87



Ø250



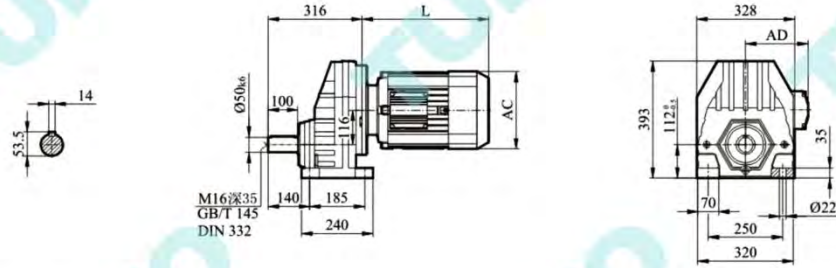
Ø300



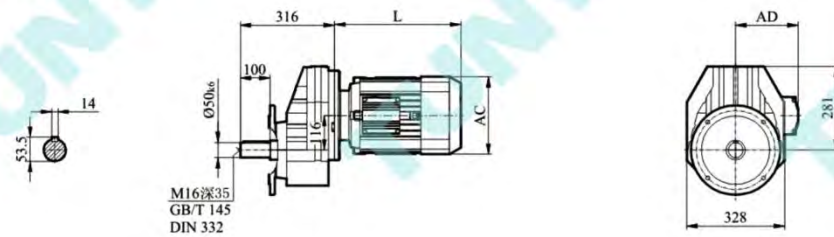
YE2电机座号 Motor Size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	
L	280	288	318	318	365	413	452	524	527	583	616	
AC	170	190	190	210	230	280	280	315	315	350	350	
AD	135	145	145	160	215	215	215	255	255	280	280	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

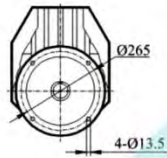
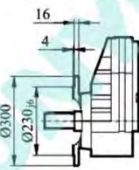
KRX97



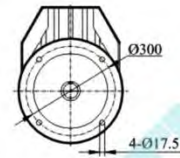
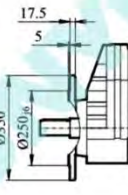
KRXF97



$\varnothing 300$



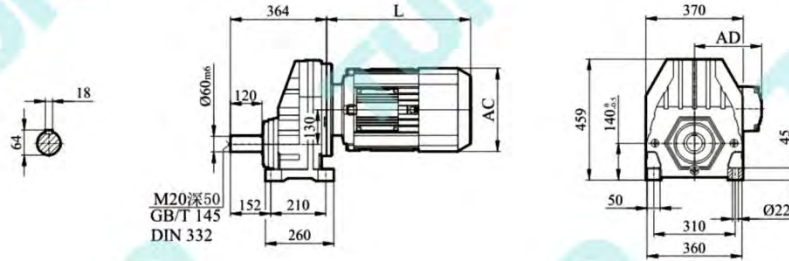
$\varnothing 350$



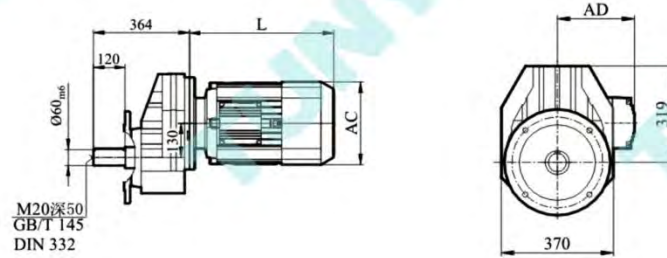
YE2电机机座号 Motor Size	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	200L	
L	280	310	312	360	408	487	524	519	555	588	654	
AC	190	190	210	230	280	280	315	315	350	350	395	
AD	145	145	160	215	215	215	255	255	280	280	305	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

KRX107

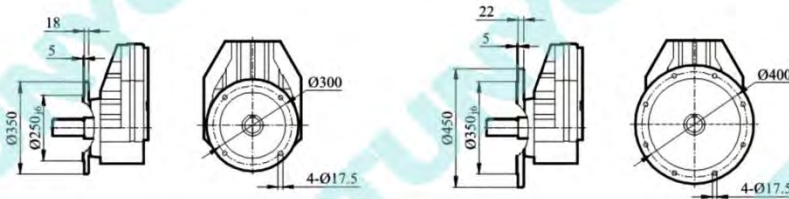


KRXF107



$\varnothing 350$

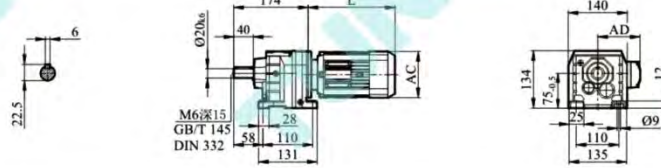
$\varnothing 450$



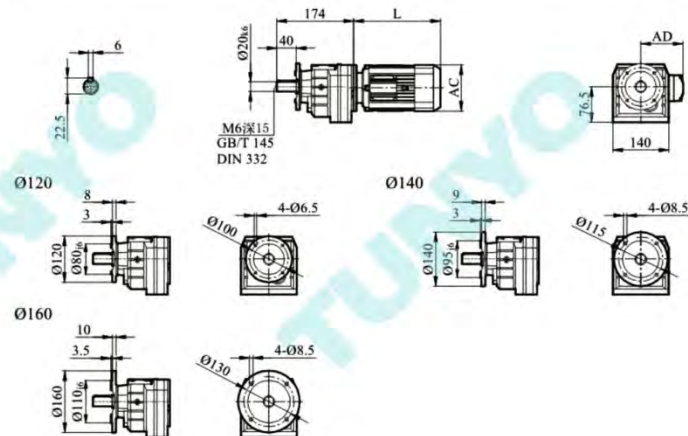
YE2电机座号 Motor Size	132S	132M	160M	160L	180M	180L	200L	225S	225M
L	403	482	524	519	555	588	654	680	702
AC	280	280	315	315	350	350	395	450	450
AD	215	215	255	255	280	280	305	335	335

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

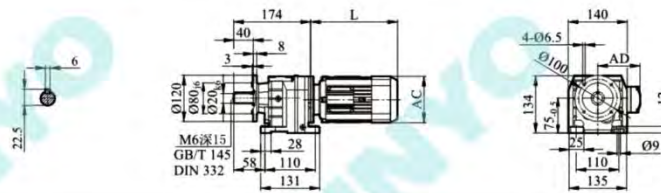
KR17



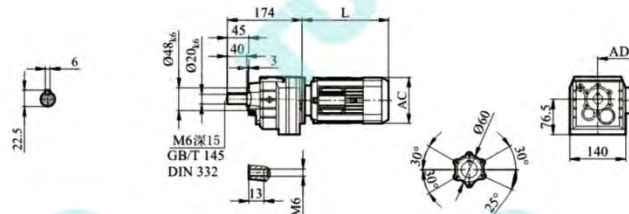
KRF17



KR17F

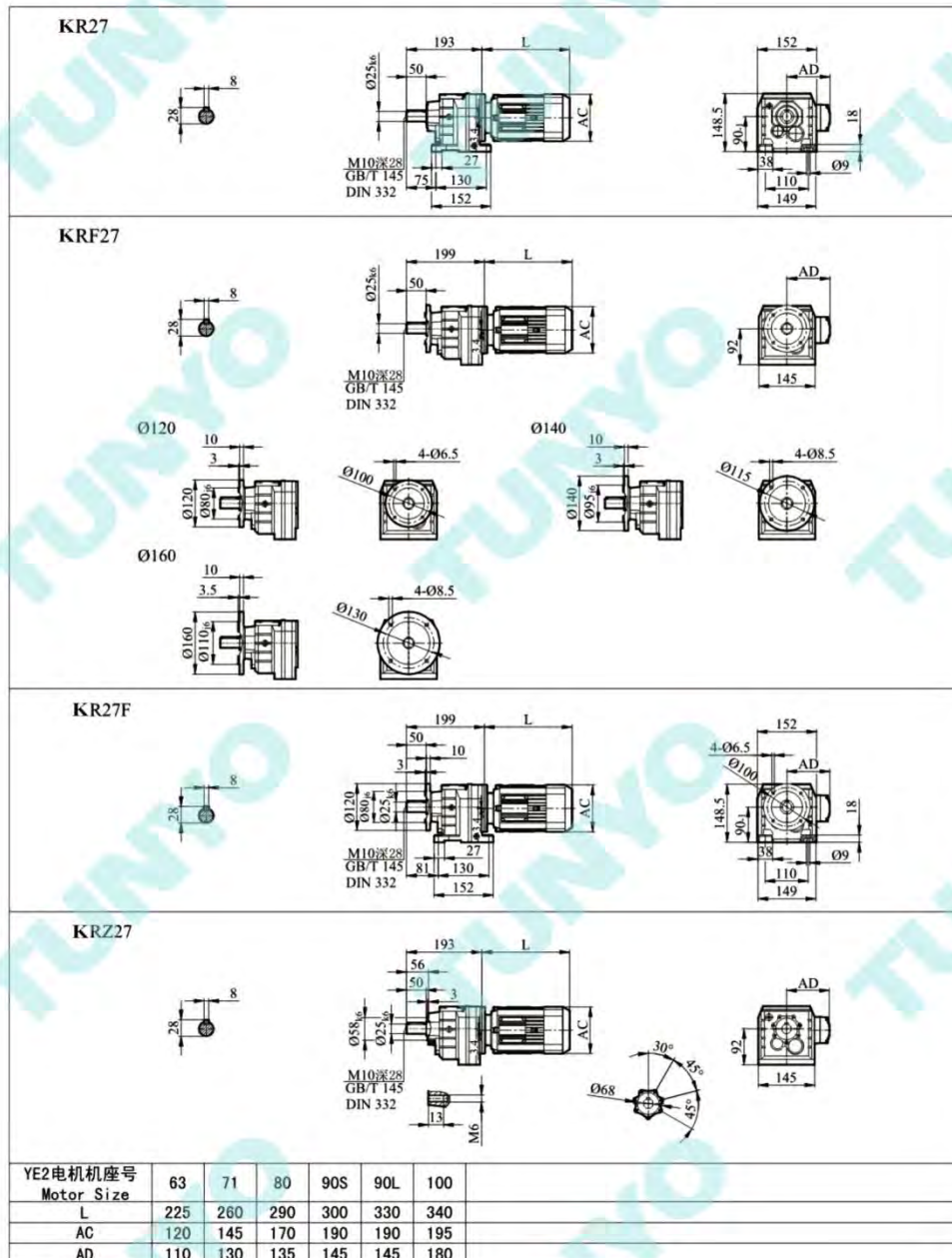


KRZ17



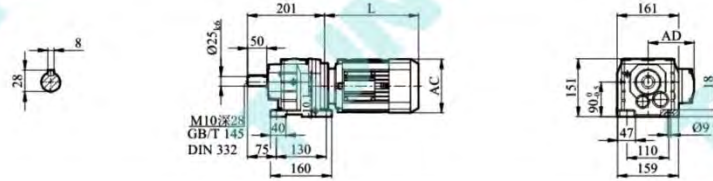
YE2电机机座号 Motor Size	63	71	80	90S	90L	100
L	225	260	290	300	330	340
AC	120	145	170	190	190	195
AD	110	130	135	145	145	180

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

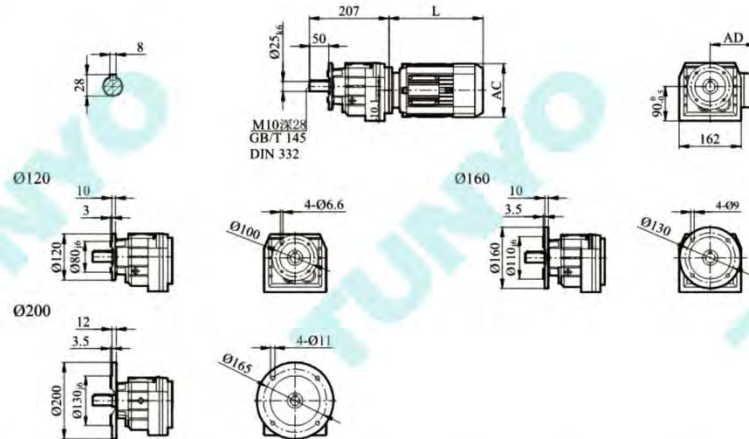


K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

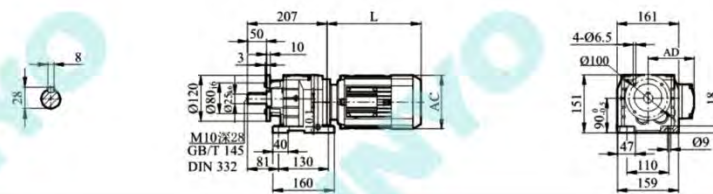
KR37



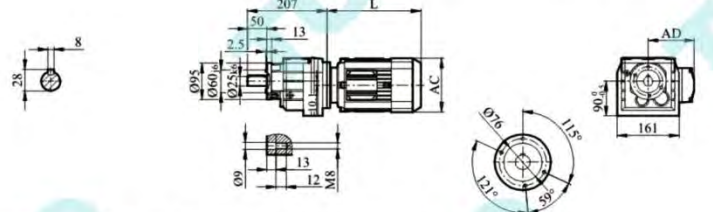
KRF37



KR37F



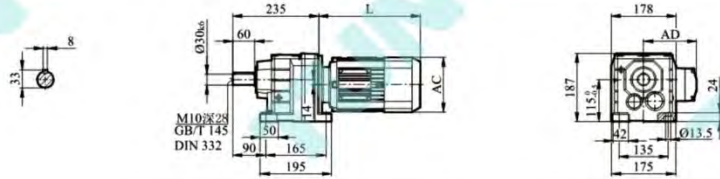
KRZ37



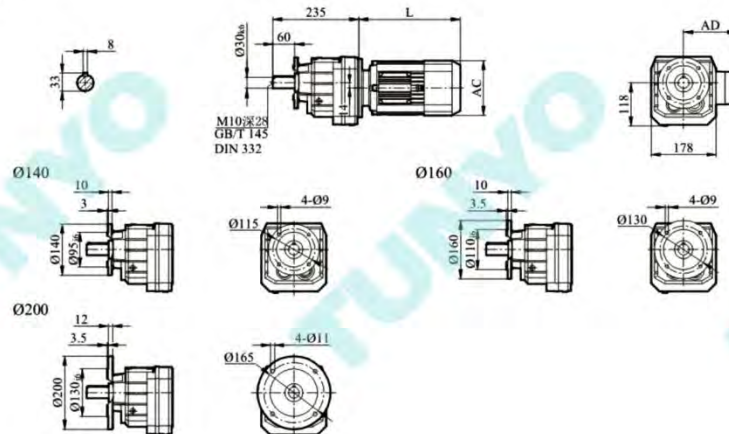
YE2电机机座号 Motor Size	63	71	80	90S	90L	100
L	225	260	290	300	330	340
AC	120	145	170	190	190	195
AD	110	130	135	145	145	180

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

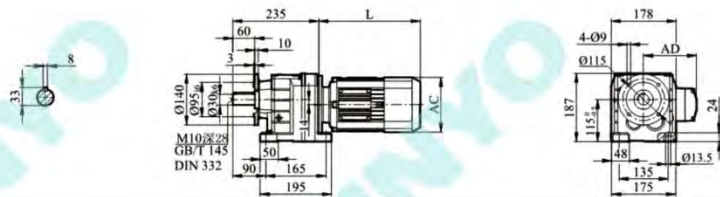
KR47



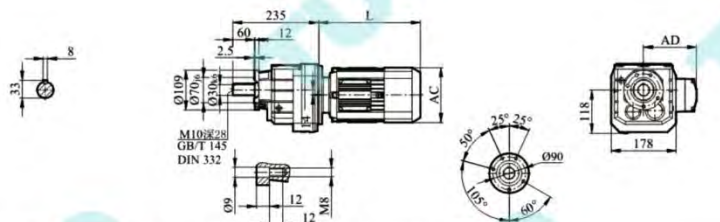
KRF47



KR47F

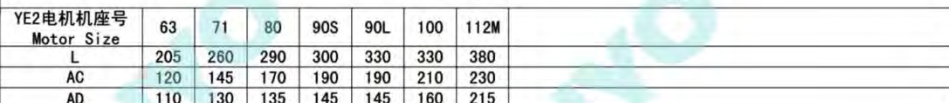


KRZ47



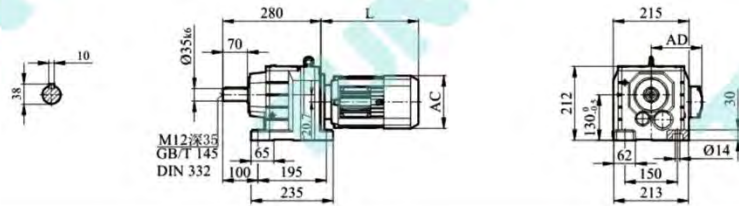
YE2电机机座号 Motor Size	63	71	80	90S	90L	100	112M	132S
L	205	260	290	300	320	330	380	430
AC	120	145	170	190	190	195	215	260
AD	110	130	135	145	145	180	190	210

K Series Helical Gear Reduction Motor

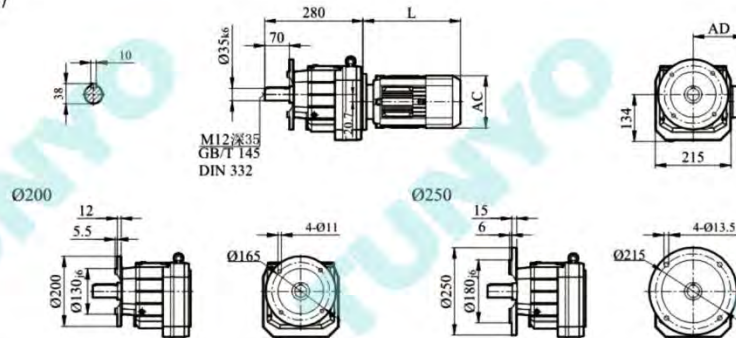


K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

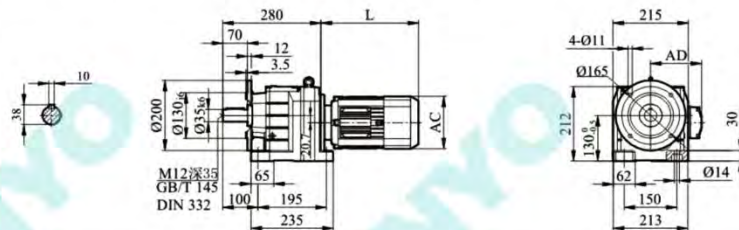
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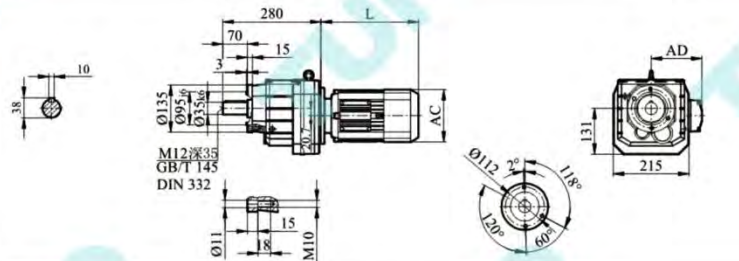
KRF67



KR67F

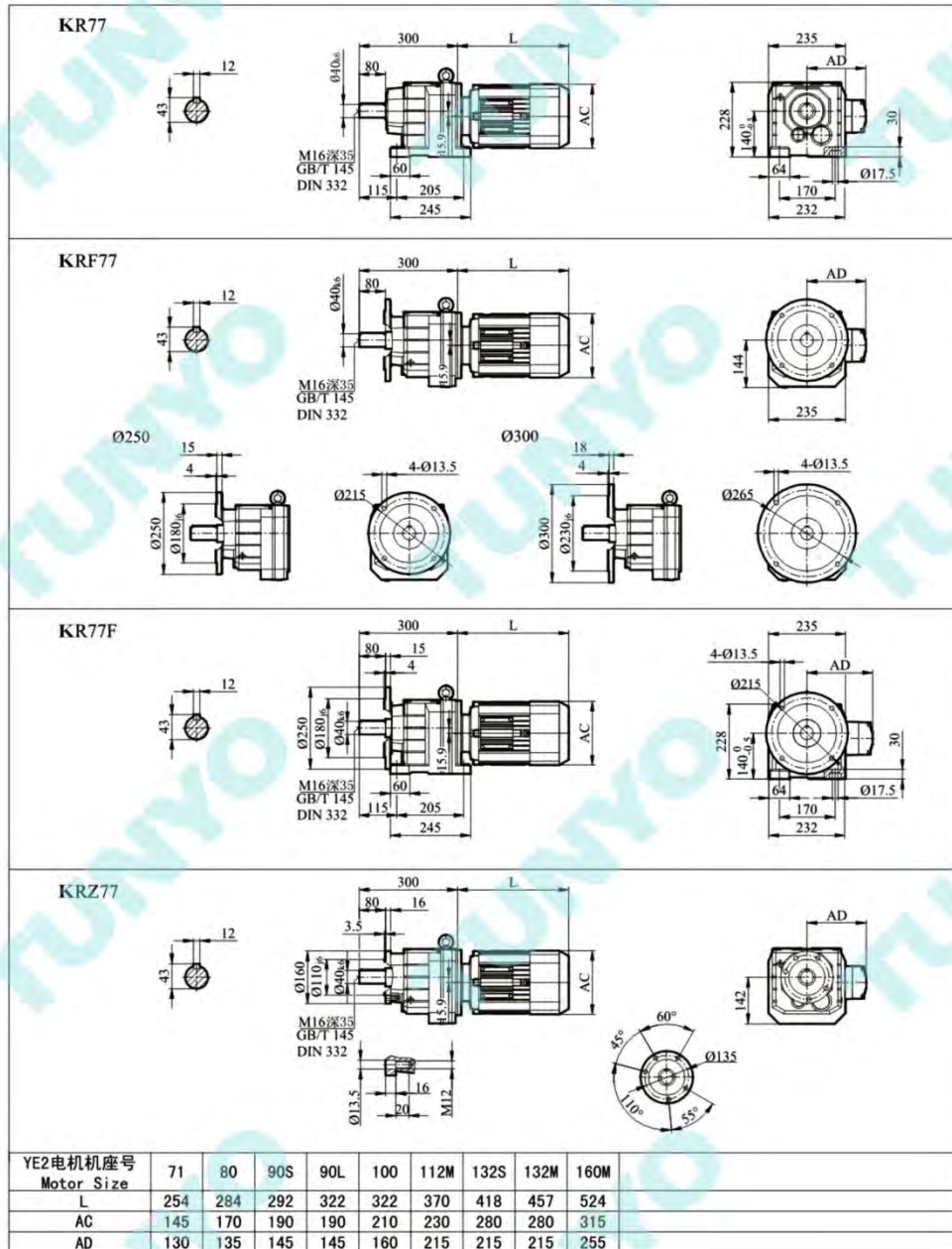


KRZ67

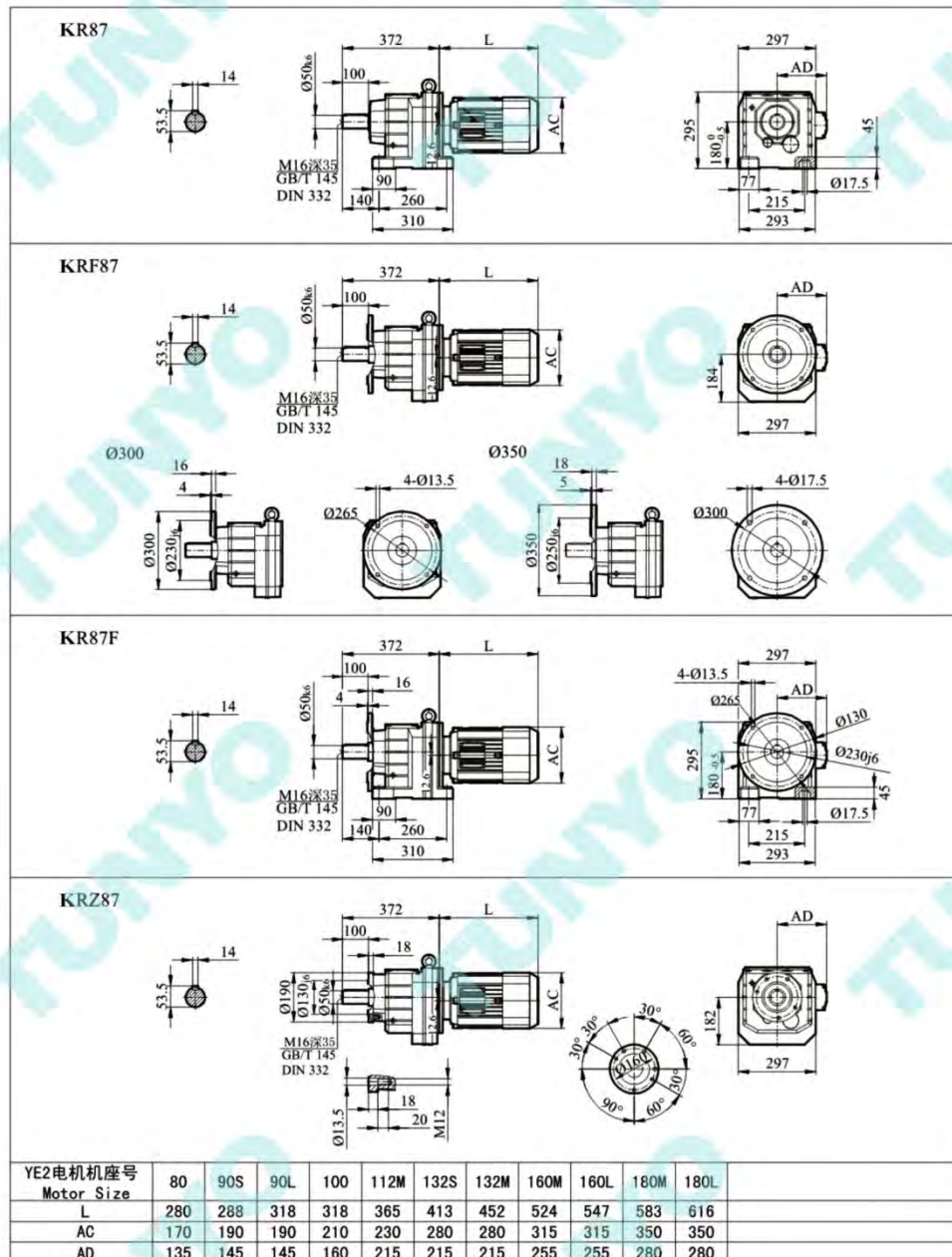


YE2电机机座号 Motor Size	63	71	80	90S	90L	100	112M	132S
L	205	260	290	300	330	330	380	430
AC	120	145	170	190	190	210	230	280
AD	110	130	135	145	145	160	215	215

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

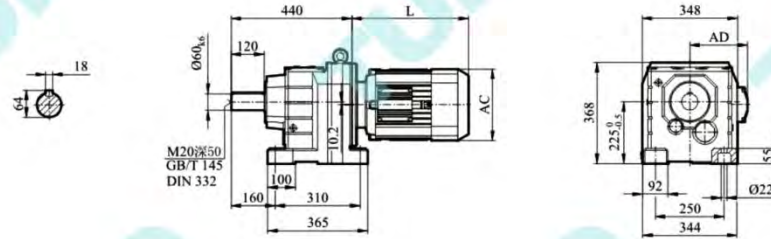


K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

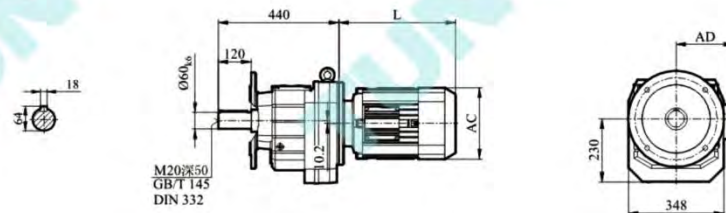


K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

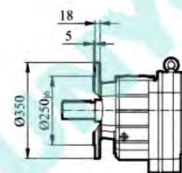
KR97



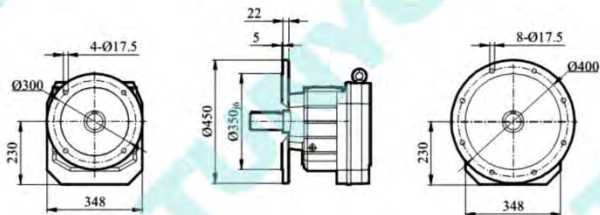
KRF97



Ø350



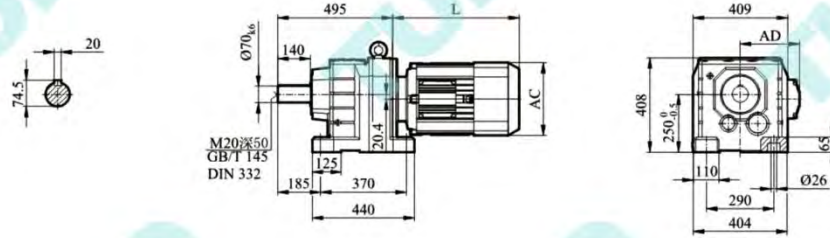
Ø450



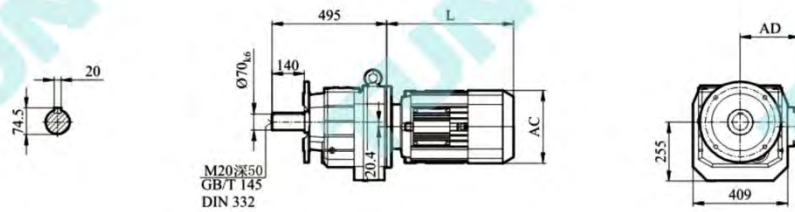
YE2电机座号 Motor Size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	200L	
L	246	280	310	312	360	408	487	524	519	555	588	654	
AC	170	190	190	210	230	280	280	315	315	350	350	395	
AD	135	145	145	160	215	215	215	255	255	280	280	305	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

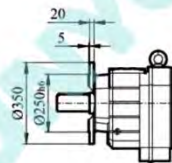
KR107



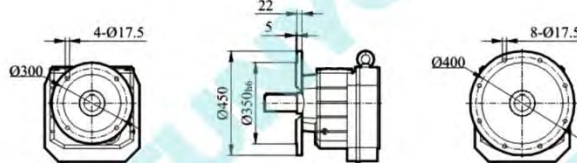
KRF107



Ø350

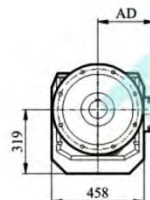
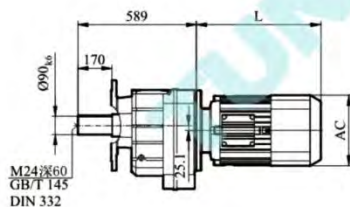
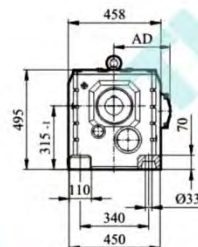
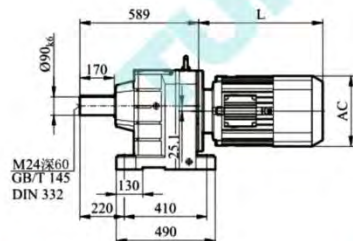


Ø450

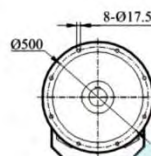
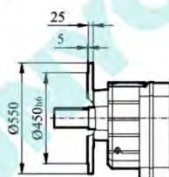


YE2电机座号 Motor Size	100	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
L	308	354	403	482	524	519	555	588	654	680	702
AC	210	230	280	280	315	315	350	350	395	450	450
AD	160	215	215	215	255	255	280	280	305	335	335

K Series Helical Gear Reduction Motor



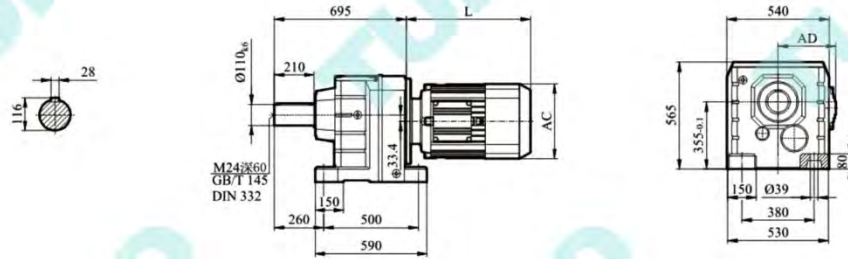
Technical drawing of a shaft-hub assembly. The shaft has a diameter of $\varnothing 450$ and a length of 22. The hub has an inner diameter of $\varnothing 350_{h6}$ and a length of 5. The shaft is inserted into the hub.



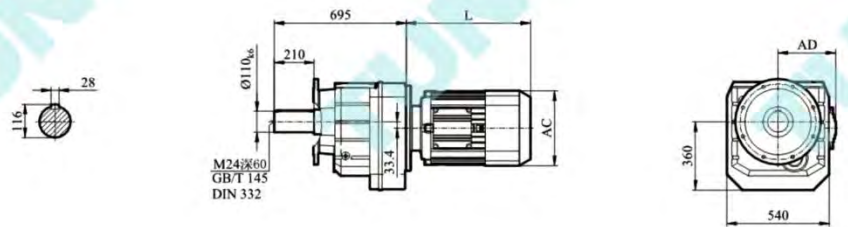
YE2电机机座号 Motor Size	132S	132M	160M	160L	180M	180L	200L	225S	225M			
L	396	475	476	519	555	588	654	680	702			
AC	280	280	315	315	350	350	395	450	450			
AD	215	215	255	255	280	280	305	335	335			

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

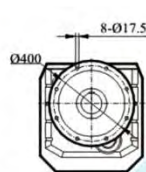
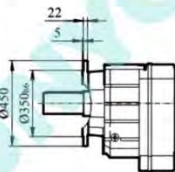
KR147



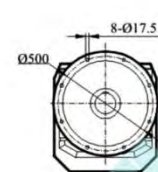
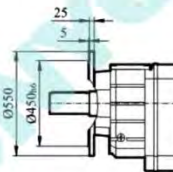
KRF147



Ø450



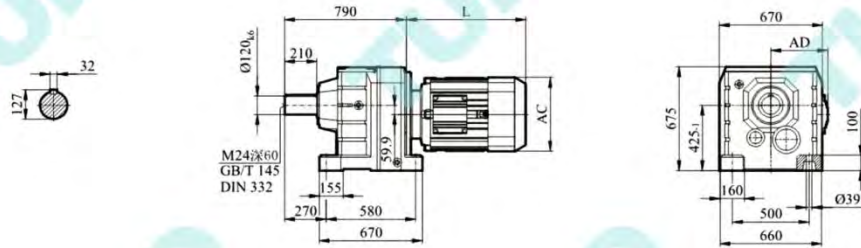
Ø550



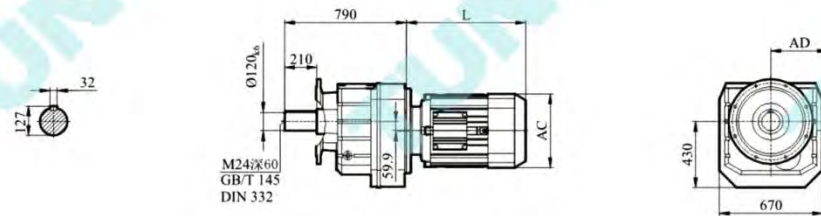
YE2电机机座号 Motor Size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M		
L	567	602	635	666	642	669	691	770	828	879		
AC	315	315	350	350	395	450	450	480	530	530		
AD	255	255	280	280	305	335	335	370	410	410		

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

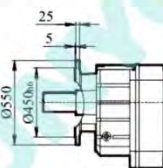
KR167



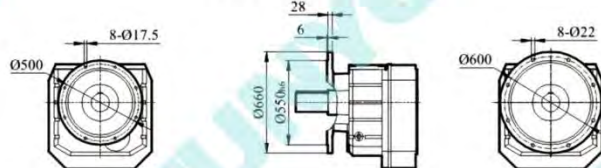
KRF167



Ø550



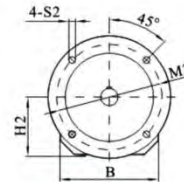
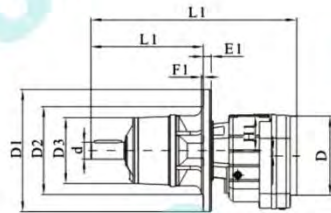
Ø660



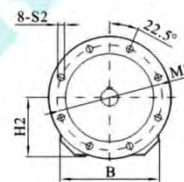
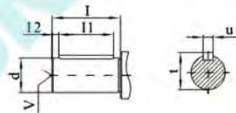
YE2电机机座号 Motor Size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	
L	567	602	635	666	642	669	691	770	828	879	1100	1210	1210	
AC	315	315	350	350	395	450	450	480	530	530	645	645	645	
AD	255	255	280	280	305	335	335	370	410	410	530	530	530	

K系列斜齒輪減速電機 K Series Helical Gear Reduction Motor

KRM57~KRM167外形尺寸/KRM57~KRM167Dimensions



KRM57~KRM87



KRM97~KRM167

型号 Size	A	B	D1	D2	D3	E1 F1	H1 H2	M S2	L L1	D d	I	I1	I2	u	t	v
KRM57	11.2	202	250	180j6	135	15 4	72 121	215 13.5	420 230	160 35k6	70	60	5	10	38	M12
KRM67	20.7	215	300	230j6	144	16 4	82 134	265 13.5	459 240	160 40k6	80	70	5	12	43	M16
KRM77	15.9	235	350	250h6	170	18 5	88 144	300 17.5	527 300	200 50k6	100	80	10	14	53.5	M16
KRM87	12.6	297	350	250h6	186	18 5	88 144	300 17.5	639 360	250 50k6	120	110	5	18	64	M20
KRM97	10.2	348	450	350h6	214	22 5	144 230	400 17.5	745 420	300 70m6	140	125	7.5	20	74.5	M20
KRM107	20.4	409	550	450h6	232	25 5	158 255	500 17.5	864 500	350 80m6	170	125	20	22	85	M20
KRM137	25.1	458	550	450h6	253	25 5	180 320	500 17.5	1024 600	400 100m6	210	180	15	28	106	M24
KRM147	33.4	540	660	550h6	274	28 6	210 361	600 22	1154 660	450 110m6	210	180	15	28	116	M24
KRM167	59.9	670	660	550h6	290	28 6	250 430	600 22	1313 730	550 125m6	210	200	5	32	134	M24

TUNYO®



C C C 認證取得
CERTIFICATE OF APPROVAL CCC



C E 認證取得
CERTIFICATE OF APPROVAL CE



RoHS 認證取得
CERTIFICATE OF APPROVAL RoHS



ISO 9001 認證取得
CERTIFICATE OF APPROVAL ISO 9001

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2021年03月制作 本目錄內容以2021年03月之現行資料為準。