正马商务电子：13819869758

KEJIN科劲®

减速机、电机、专业设计制造

Reducer,Electric machinery,Professional design manufacturer

宁波科劲电机有限公司

NINGBO KEJIN MOTOR CO.,LTD.

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公司简介 Company Introduction

宁波科劲电机有限公司是一家专注于RV减速机与电机研发及生产的综合实力企业。标准化的生产厂区、现代化的办公环境。公司集产品研发、生产销售、售后与一体。一直致力打造成为电机、RV减速机行业标杆。

本公司生产的RV减速机和电机已广泛用于陶瓷、食品、玻璃、木工、环保、印刷包装、印染纺织、制药、皮革、化工、轻工等机械设备行业，并得到客户的一致好评，质量在全国处于领先地位。

公司始终坚持质量第一、高效产能、卓越品质的经营理念，不断追求创新、引进高端设备与技术，培养专业人才、加强规范化的科学管理，充分发挥团队协作的优势。并拥有完善的销售体系，我们秉承“客户未想到的我们应想到，客户想到的就是我们要做”的服务理念。设置有专门的销售服务部，人员配置齐全、合理，其中包括轴承工程师、机械工程师以及相关技术人员。他们可以在售前、售中和售后任何环节为用户提供可靠的服务。最终为用户创造最大价值。

我们的企业宗旨是：为客户创造价值，为员工创造机会，为社会创造效益。希望与合作伙伴及社会各界一起努力，共同进步。

Ningbo Kejin Motor Co., Ltd. is a comprehensive strength enterprise focusing on R&D and production of RV reducer and motor. Standardized production area and modern office environment. The company integrates product research and development, production and sales, and after-sales. Has been committed to creating a motor RV reducer Industry benchmark The RV reducer and motor manufactured by our company have been widely used in ceramics, food, glass, woodworking, environmental protection, printing and packaging, printing and dyeing textiles, pharmaceuticals, leather, chemical industry, light industry and other machinery and equipment industries, and have received unanimous praise from customers, quality is in the leading position in the country.

The company has always adhered to the management concept of quality first, high efficiency and excellent quality, constantly pursuing innovation, introducing high-end equipment and technology, training professionals, strengthening standardized scientific management, and giving full play to the advantages of teamwork. And has a perfect sales system, we adhere to the "customer unexpected we should think, customers think is what we want to do" service concept. There is a special sales service department with complete and reasonable staffing, including bearing engineers, mechanical engineers and related technical personnel. They can provide reliable services to users in any link before, during and after sales. Ultimately create maximum value for users.

Our corporate purpose is to create value for customers, opportunities for employees and benefits for society. We hope to work with our partners and all sectors of society to make progress together.

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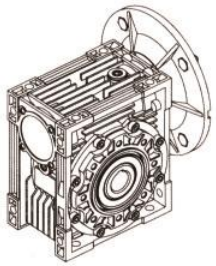
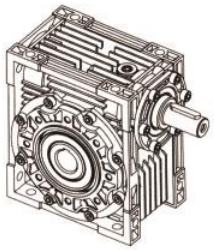
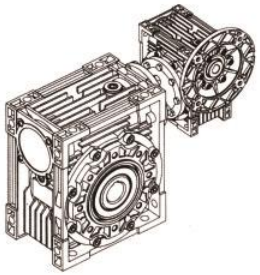


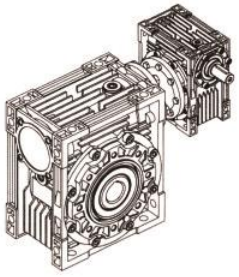
NMRV 025-150



NRV 030 - 150



NMRVE+NMRV....



NRV+NMRV....

设计特征 DESIGN FEATURES

螺纹为右向旋转
The helix is right-handed

基本型RV系列蜗杆减速器 BASIC RV SERIES WORM GEAR REDUCER

NMRV

NRV

型号表示法 MODEL&MARK

NRV □ - □ - □ - □ - □

- 表示安装型式 Mounting positions
- 标注AS1、AS2表示带单向输出轴 Filling AS1、AS2 means equip with single output shaft
- 标注AB表示带双向输出轴 Filling AB means equip with double output shaft
- 标注F..表示带输出法兰 Filling F...means equip with output flange
- 标注VS表示蜗杆带同向输入轴 Filling VS means equip with doubie input shaft
- 传动比 Ratio i
- 机座号 Size
- 表示轴输入型蜗杆减速器 Worm reducer with shaft input

示例 EXAMPLE

NRV 063 - 40 - As1 - B3

- 表示B3安装型式 Mounting positions is B3
- 表示带AS1单向输出轴 Means equip with As1 single output shaft
- 传动比40 Ratio I is 40
- 机座号063 Size is 063
- 表示轴输入型蜗杆减速器 Worm reducer with shaft input

NRV 050 - 10 - FA1 - B6

- 表示B6安装型式 Mounting positions is B6
- 表示带FA1输出法兰 Means equip with FA_1 output flange
- 传动比10 Ratiolis 10
- 机座号050 Size is 050
- 表示轴输入型蜗杆减速器 Worm reducer with shaft input

NMRV □ - □ - □ - □ - □ - □

- 表示安装型式 Mounting positions
- 标注AS1、AS2表示带单向输出轴 Filling AS1、AS2 means equip with single output shaft
- 标注AB表示带双向输出轴 Filling AB means equip with double output shaft
- 标注F..表示带输出法兰 Filling F...means equip with output flange
- 标注VS表示蜗杆带同向输入轴 Filling VS means equip with double intput shaft
- 标注电机机座号时表示带输入法兰 Filling frame size of motor means equip with flange of motor input
- 传动比 Ratio i
- 机座号 Size
- 表示孔输入、带输入法兰型蜗杆减速器 Worm reducer with hole and flange input

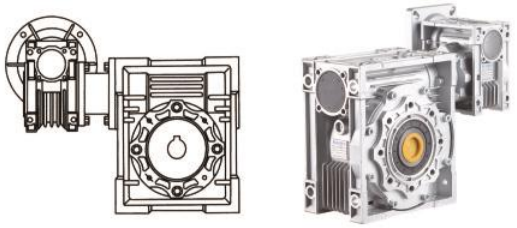
NMRV 063 - 40 - 80B5 - AS1 - B3

- 表示B3安装型式 Mounting positions is B3
- 表示带AS1单向输出轴 Means equip with AS1 single output shaft
- 带80B5输入法兰 Means equip with 80B5 flange
- 减速比40 Ratio is 40
- 机座号06 3Size is 063
- 表示孔输入、带输入法兰型蜗杆减速器 Worm reducer with hole and flange input

NMRV 050 - 20 - 0.75 - FA_2 - B6

- 表示B6安装型式 Mounting positions is B6
- 表示带FA2输出法兰 Means equip with FA2 output flange
- 电动机功率0.75KW Motor power is 0.75kw
- 减速比20 Ratio is 20
- 机座号050 Size is 050
- 表示孔输入、带输入法兰型蜗杆减速器 Worm reducer with hole and flange input

联体型RV系列蜗杆减速器 DOUBLE WORM GEAR REDUCER



NMRV+NMRV

型号表示法 MODEL&MARK

NRV □/□ - □ - □ - □ - □

- 表示安装型式 Mounting positions
- 标注AS1、AS2表示带单向输出轴 Filling AS1、AS2 means equip with single output shaft
- 标注AB表示带双向输出轴 Filling AB means equip with double output shaft
- 标注F..表示带输出法兰 Filling F...means equip with output flange
- 标注VS表示蜗杆带同向输入轴 Filling VS means equip with double input shaft
- 传动比 Ratio i
- 机型组合，如030/040， 050/075 Size, such as 030/040,050/075
- 表示轴输入型蜗杆减速器 Worm reducer with shaft input

示例 EXAMPLE

NRV 030/050 - 900 - AS1 - PS1

- 表示PS1安装型式 Mounting positions is PS1
- 表示带AS1单向输出轴 Means equip with AS1 singleoutput shaft
- 传动比900 Ratio i is 900
- 机座号030/050 Size is 030/050
- 表示轴输入型蜗杆减速器 Worm reducer with shaft input

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NMRV □/□ - □ - □ - □ - □ - □

- 表示安装型式 Mounting positions
- 标注AS1、AS2表示带单向输出轴 Filling AS1、AS2 means equip with single output shaft
- 标注AB表示带双向输出轴 Filling AB means equip with double output shaft
- 标注F..表示带输出法兰规格 Filling F..means equip with output flange
- 标注VS表示蜗杆带同向输入轴 Filling VS means equip with double input shaft
- 电机功率或输入法兰规格 Motor power or Type of input flange
- 传动比 Ratio i
- 机型组合，如030/040, 050/075 Size,such as 030/040,050/075
- 表示孔输入、带输入法兰型蜗杆减速器 Worm reducer with hole and flange input

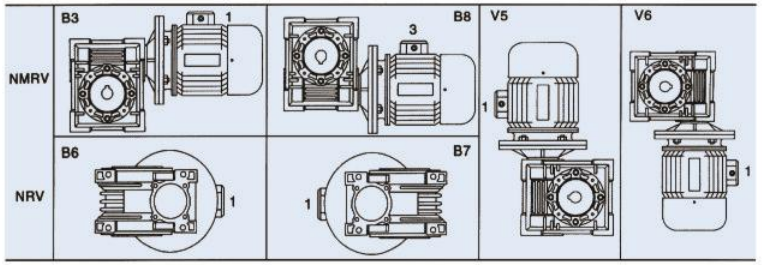
示例 EXAMPLE

NMRV 40/50 - 900 - 0.37 - As1 - Ps1

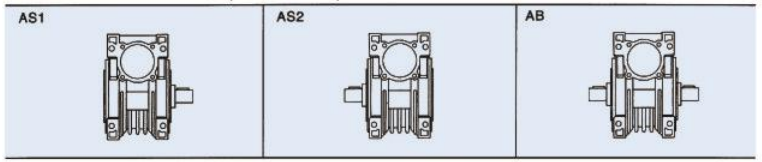
- 表示安装型式PS1 Mounting positions PS1
- 表示带AS1单向输出轴 Means equip with AS1 single output shaft
- 电机功率0.37KW Motor power is 0.37KW
- 传动比900 Ratio i is 900
- 机型组合，40/50 Size is 40/050
- 表示孔输入、带输入法兰型蜗杆减速器 Worm reducer with hole and flange input

安装型式INSTALLATION PATTERN

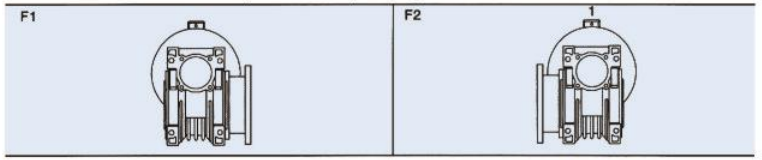
●带电机安装型式 Installation pattern with motor



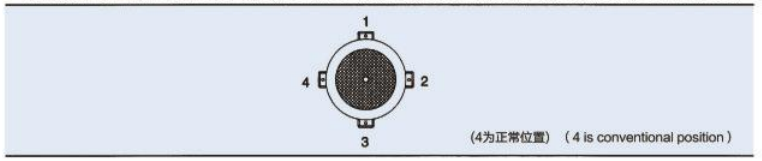
●输出轴安装位置 Installation pattern of output shaft



●输出法兰安装位置 Installation pattern of output flange

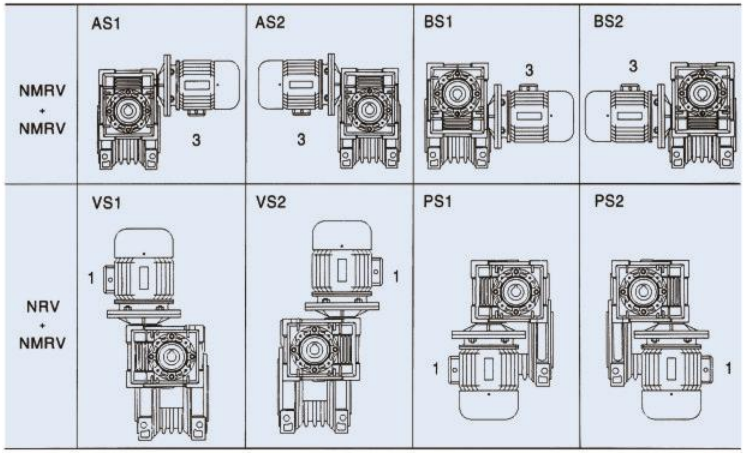


●电机接线盒位置(从电机风扇罩端看) Position of motor joint box(viewed from the fan of the motor)

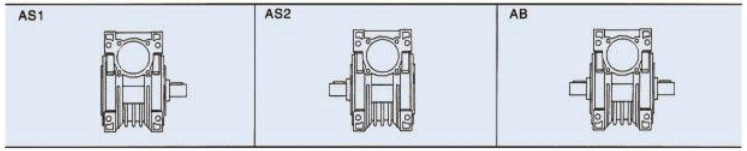


安装型式INSTALLATION PATTERN

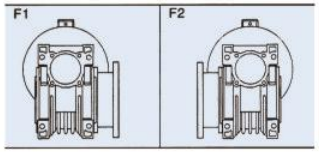
●带电机安装型式 Installation pattern with motor



●输出轴安装位置 Installation pattern of output shaft

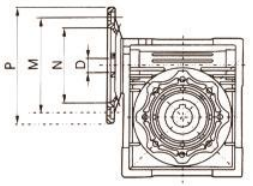


●输出法兰安装位置
Installation pattern of output flange



●电机接线盒位置(从电机风扇罩端看)
Position of motor joint box(viewed from the fan of the motor)

电机直联尺寸PREDISPOSITION



NMRV	PAM IEC	N	M	P	D											
					5	7,5	10	15	20	25	30	40	50	60	80	100
025	56B14	50	65	80	9	9	9	9	9	–	9	9	9	9	–	–
030	63B5	95	115	140	11	11	11	11	11	11	11	11	11	–	–	–
	63B14	60	75	90												
	56B5	80	100	120	9	9	9	9	9	9	9	9	9	9	9	–
	56B14	50	65	80												
040	71B5	110	130	160	14	14	14	14	14	14	14	14	–	–	–	–
	71B14	70	85	105												
	63B5	95	115	140	11	11	11	11	11	11	11	11	11	11	11	11
	63B14	60	75	90												
	56B5	80	100	120	–	–	–	–	–	–	–	–	9	9	9	9
050	80B5	130	165	200	19	19	19	19	19	19	19	–	–	–	–	–
	80B14	80	100	120												
	71B5	110	130	160	14	14	14	14	14	14	14	14	14	14	14	–
	71B14	70	85	105												
	63B5	95	115	140	–	–	–	–	–	–	–	11	11	11	11	11
063	90B5	130	165	200	–	24	24	24	24	24	24	–	–	–	–	–
	90B14	95	115	140												
	80B5	130	165	200	–	19	19	19	19	19	19	19	19	19	–	–
	80B14	80	100	120												
	71B5	110	130	160	–	–	–	–	–	–	–	14	14	14	14	14
	71B14	70	85	105												
075	100/112B5	180	215	250	–	28	28	28	–	–	–	–	–	–	–	–
	100/112B14	110	130	160												
	90B5	130	165	200	–	24	24	24	24	24	24	24	–	–	–	–
	90B14	95	115	140												
	80B5	130	165	200	–	–	–	–	19	19	19	19	19	19	19	19
	80B14	80	100	120												
	71B5	110	130	160	–	–	–	–	–	–	–		14	14	14	14
090	100/112B5	180	215	250	–	28	28	28	28	28	28	–	–	–	–	–
	100/112B14	110	130	160												
	90B5	130	165	200	–	24	24	24	24	24	24	24	24	24	–	–
	90B14	95	115	140												
	80B5	130	165	200	–	–	–	–	–	–	–	19	19	19	19	19
	80B14	80	100	120												
110	132B5	230	265	300	–	38	38	38	38	–	–	–	–	–	–	–
	100/112B5	180	215	250	–	28	28	28	28	28	28	28	28	28	–	–
	90B5	130	165	200	–	–	–	–	–	24	24	24	24	24	24	24
	80B5	130	165	200	–	–	–	–	–	–	–	–	–	–	19	19
130	132B5	230	265	300	–	38	38	38	38	38	38	38	–	–	–	–
	110/112B5	180	215	250	–	–	–	–	–	28	28	28	28	28	28	28
	90B5	130	165	200	–	–		–	–	–	–	–	–	–	24	24
150	160B5	250	300	350	–	42	42	42	42	42	–	–	–	–	–	–
	132B5	230	265	300	–	–	–	–	38	38	38	38	38	38	–	–
	100/112B5	180	215	250	–	–	–	–	–	–	–	–	28	28	28	28

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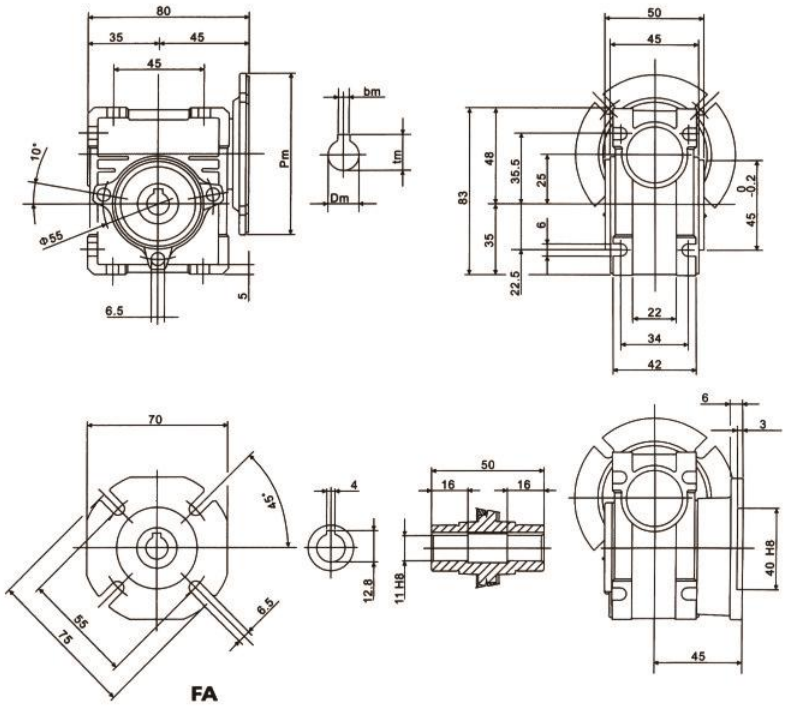
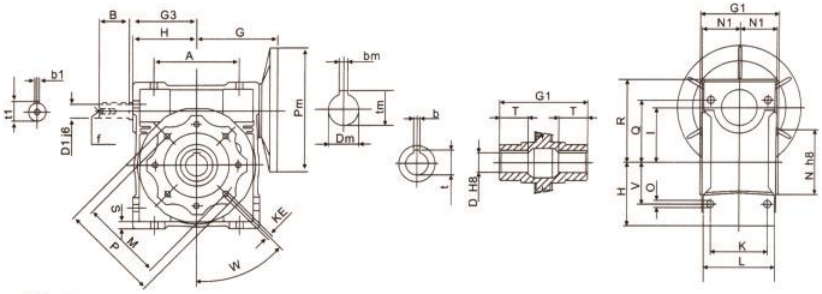
025外型及安装尺寸 OUTINE & INSTALLATION SIZES



净重(不含电机) —— 约0.7公斤 Weight without motor-07kg

有关连接马达之法兰尺寸(Pm,Dm,bm,tm)请参考第15页的表格。
For the dimensions concerning the motor connection area(Pm, Dm, bm, tm)please refer to the table shown at page 15.

030-150 外型及安装尺寸OUTINE & INSTALLATION SIZES



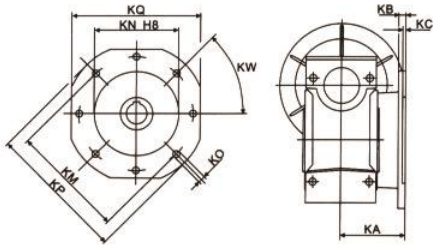
(..)非标产品
(..)Only on request

	030	040	050	063	075	090	110	130	150
A	54	70	80	100	120	140	170	200	240
B	20	23	30	40	50	50	60	80	80
D	14	18(19)	25(24)	25(28)	28(35)	35(38)	42	45	50
D1	9	11	14	19	24	24	28	30	35
G	55	70	80	95	112.5	129.5	160	180	210
G1	63	78	92	112	120	140	155	170	200
G3	45	53	64	75	90	108	135	155	175
H	40	50	60	72	86	103	127.5	147.5	170
I	30	40	50	63	75	90	110	130	150
K	44	60	70	85	90	100	115	120	145
KE	M6*11(4)	M6*10(4)	M8*10(4)	M8*14(8)	M8*14(8)	M10*18(8)	M10*18(8)	M12*21(8)	M12*21(8)
L	56	71	85	103	112	130	144	155	185
M	65	75	85	95	115	130	165	215	215
N	55	60	70	80	95	110	130	180	180
N1	29	36.5	43.5	53	57	67	74	81	96
O	6.5	6.5	8.5	8.5	11.5	13	14	16	18
P	75	87	100	110	140	160	200	250	250
Q	44	55	64	80	93	102	125	140	180
R	57	71.5	84	102	119	135	167.5	187.5	230
S	5.5	6.5	7	8	10	11	14.5	15.5	18
T	21	26	30	36	40	45	50	60	72.5
V	27	35	40	50	60	70	85	100	120
W	0°	45°	45°	45°	45°	45°	45°	45°	45°
b	5	6	8	8	8(10)	10	12	14	14
t	16.3	20.8(21.8)	28.3(27.3)	28.3(31.3)	31.3(38.3)	38.3(41.3)	45.3	48.8	53.8
b1	3	4	5	6	8	8	8	8	10
t1	10.2	12.5	16	21.5	27	27	31	33	38
f	-	-	M6	M6	M8	M8	M10	M10	M12
~kg	1.2	2.3	3.5	6.2	9	13	35	48	84

Kg 净重(不含电机) / Weight without motor

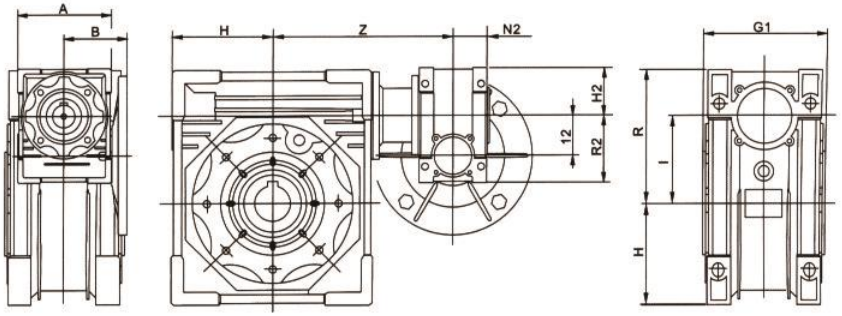
有关连接马达之法兰尺寸(Pm,Dm,bm,tm)请参考第15页的表格。
For the dimensions concerning the motor connection area(Pm, Dm, bm, tm)please refer to the table shown at page 15.

030-150F外型及安装尺寸OUTINE & INSTALLATION SIZES



		030	040	050	063	075	090	110	130	150
FA	KA	54.5	67	90	82	111	111	131	140	155
	KB	6	7	9	10	13	13	15	15	15
	KC	4	4	5	6	6	6	6	6	6
	KN	50	60	70	115	130	152	170	180	180
	KM	68	75	85	150	165	175	230	255	255
	KO	6.5(n° 4)	9(n° 4)	11(n° 4)	11(n° 4)	14(n° 4)	14(n° 4)	14(n° 8)	16(n° 8)	16(n° 8)
	KP	80	110	125	180	200	210	280	320	320
	KQ	70	95	110	142	170	200	260	290	290
	KW	45°	45°	45°	45°	45°	45°	45°	22.5°	22.5°
FB	KA	-	97	120	112	90	122	180	-	-
	KB	-	7	9	10	13	18	15	-	-
	KC	-	4	5	6	6	6	6	-	-
	KN	-	60	70	115	110	180	170	-	-
	KM	-	75	85	150	130	215	230	-	-
	KO	-	9(n° 4)	11(n° 4)	11(n° 4)	14(n° 4)	14(n° 4)	14(n° 8)	-	-
	KP	-	110	125	180	160	250	280	-	-
	KQ	-	95	110	142	-	-	260	-	-
	KW	-	45°	45°	45°	45°	45°	45°	-	-
FC	KA	-	80	89	98	-	110	-	-	-
	KB	-	9	10	10	-	17	-	-	-
	KC	-	5	5	5	-	6	-	-	-
	KN	-	95	110	130	-	130	-	-	-
	KM	-	115	130	165	-	165	-	-	-
	KO	-	9.5(n° 4)	9.5(n° 4)	11(n° 4)	-	11(n° 4)	-	-	-
	KP	-	140	160	200	-	200	-	-	-
	KW	-	45°	45°	45°	-	45°	-	-	-
FD	KA	-	58	72	107	-	151	-	-	-
	KB	-	12	14.5	10	-	13	-	-	-
	KC	-	5	5	5	-	6	-	-	-
	KN	-	80	95	130	-	152	-	-	-
	KM	-	100	115	165	-	175	-	-	-
	KO	-	9(n° 4)	11(n° 4)	11(n° 4)	-	14(n° 4)	-	-	-
	KP	-	120	140	200	-	210	-	-	-
	KW	-	45°	45°	45°	-	45°	-	-	-
FE	KA	-	-		80.5	-		-	-	-
	KB	-	-	-	16.5	-	-	-	-	-
	KC	-	-	-	5	-	-	-	-	-
	KN	-	-	-	110	-	-	-	-	-
	KM	-	-	-	130	-	-	-	-	-
	KO	-	-	-	11(n° 4)	-	-	-	-	-
	KP	-	-	-	160	-	-	-	-	-
	KW	-	-	-	45°	-	-	-	-	-

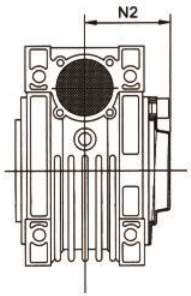
NMRV+NMRV外型及安装尺寸 OUTINE & INSTALLATION SIZES



	NMRV+NMRV									
	025-030	025-040	030-040	030-050	030-063	040-075	040-090	050-110	063-130	063-150
A	70	70	80	80	80	100	100	120	144	144
B	45	45	55	55	55	70	70	80	95	95
G1	63	78	78	92	112	120	140	155	170	200
H	40	50	50	60	72	86	103	127.5	147.5	170
I	30	40	40	50	63	75	90	110	130	150
R	57	71.5	71.5	84	102	119	135	167.5	187.5	230
H2	35	35	40	40	40	50	50	60	72	72
I2	25	25	30	30	30	40	40	50	63	63
N2	22.5	22.5	29	29	29	36.5	36.5	43.5	53	53
R2	48	48	57	57	57	71.5	71.5	84	102	102
Z	100	115	122	132	145	167.5	184.5	226	245	275
~Kg	1.9	3	3.5	4.7	7.4	11.3	15.3	38.5	54.2	90.2

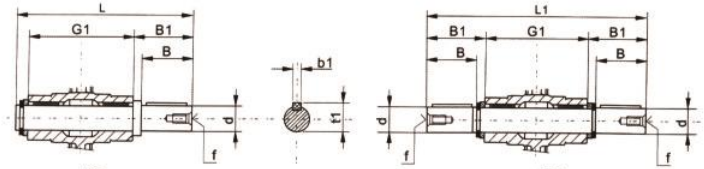
Kg净重(不含电机)/ Weight without motor

盖子 COVER



	N2
030	42
040	50
050	57.5
063	68.5
075	73.5
090	85.5
110	94
130	102
150	117

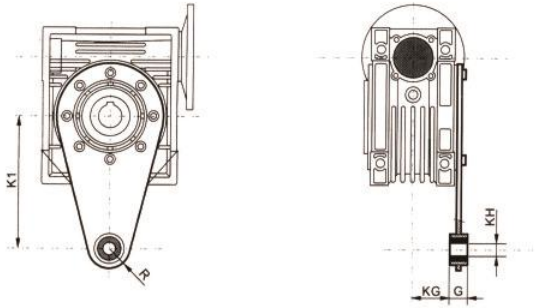
低速轴 LOW SPEED SHAFTS



	d	B	B1	G1	L	L1	f	b1	t1
025	11g6 (9)	23 (25)	25.5 (30)	50	81 (85.5)	101	-	4 (3)	12.5 (10.2)
030	14 h6	30	32.5	63	102	128	M6	5	16
040	18 h6	40	43	78	128	164	M6	6	20.5
050	25 h6	50	53.5	92	153	199	M10	8	28
063	25 h6	50	53.5	112	173	219	M10	8	28
075	28 h6	60	63.5	120	192	247	M10	8	31
090	35 h6	80	84.5	140	234	309	M12	10	38
110	42 h6	80	84.5	155	249	324	M16	12	45
130	45 h6	80	85	170	265	340	M16	14	48.5
150	50 h6	82	87	200	297	374	M16	14	53.5

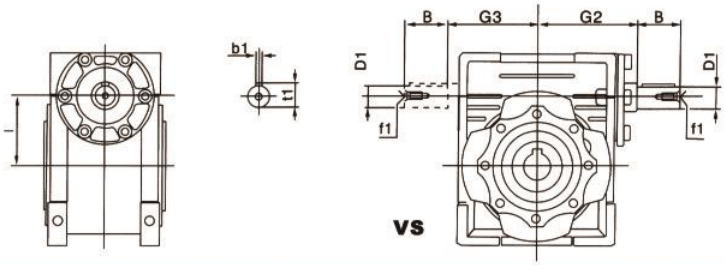
(..)非标产品
(..)Only on request

扭力臂 TORQUE ARM



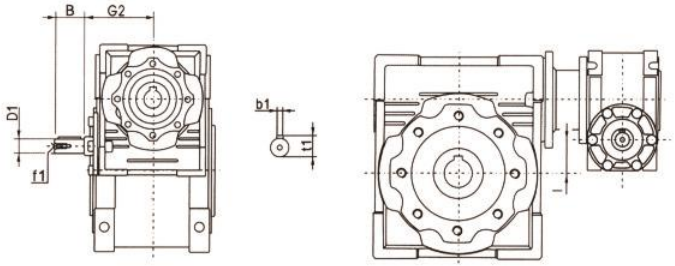
	K1	G	KG	KH	R
025	70	14	17.5	8	15
030	85	14	24	8	15
040	100	14	31.5	10	18
050	100	14	38.5	10	18
063	150	14	49	10	18
075	200	25	47.5	20	30
090	200	25	57.5	20	30
110	250	30	62	25	35
130	250	30	69	25	35
150	250	30	84	25	35

NRV尺寸图DIMENSIONS



NRV	030	040	050	063	075	090	110	130	150
B	20	23	30	40	50	50	60	80	80
D1	9j6	11j6	14j6	19j6	24j6	24j6	28j6	30j6	35j6
G2	51	60	74	90	105	125	142	162	195
G3	45	53	64	75	90	108	135	155	175
I	30	40	50	63	75	90	110	130	150
b1	3	4	5	6	8	8	8	8	10
f1	-	-	M6	M6	M8	M8	M10	M10	M12
t1	10.2	12.5	16	21.5	27	27	31	33	38

NRV+NMRV尺寸图 DIMENSIONS



NRV-NMRV	030-040	030-050	030-063	040-075	040-090	050-110	063-130	063-150
B	20	20	20	23	23	30	40	40
D1	9j6	9j6	9j6	11j6	11j6	14j6	19j6	19j6
G2	51	51	51	60	60	74	90	90
I	10	20	33	35	50	60	67	87
b1	3	3	3	4	4	5	6	6
f1	-	-	-	-	-	M6	M6	M6
t1	10.2	10.2	10.2	12.5	12.5	16	21.5	21.5

如需要的尺寸在上图没有标示,请参考其它相关的NMRV图纸
For the missing dimensions, please consider the drawing of relevant NMRV size

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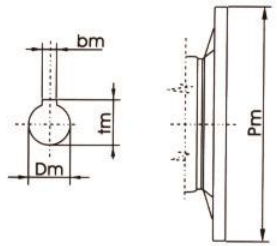
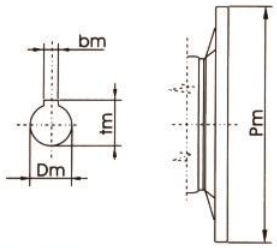
法兰尺寸图IEC B5/PAM B5-DIMENSIONS



B5	IEC										
	056	063	071	080	090	100	112	132	160	180	200
Pm	120	140	160	200	200	250	250	300	350	350	400
Dm	9	11	14	19	24	28	28	38	42	48	55
bm	3	4	5	6	8	8	8	10	12	14	16
tm	10.4	12.8	16.3	21.8	27.3	31.3	31.3	41.3	45.3	51.3	59.3

NMRV (25-130) Tm = 40 . 3 (IEC 132)

法兰尺寸图IEC B14/PAM B14-DIMENSIONS



B14	IEC							
	056	063	071	080	090	100	112	132
Pm	80	90	105	120	140	160	160	200
Dm	9	11	14	19	24	28	28	38
bm	3	4	5	6	8	8	8	10
tm	10.4	12.8	16.3	21.8	27.3	31.3	31.3	41.3

NMRV (25-130) Tm = 40 . 3 (IEC 132)

选型方法及示例

1、为正确选择RV蜗杆减速机，敬请用户首先了解以下几点:
- ●负荷条件
- ●使用转速范围或速比(与双级组合可获得超低输出转速)
- ●工作运转情况及环境(温度、湿度、腐蚀等)
- ●安装空间

2、确定工作情况系数K1及工作情况修正系数K2
- ●根据表1，决定机械负荷种类A、B、C。
- ●根据运转时间(小时/天)和启动频率(次数/小时)从图1中求得工作情况系数K1。
- ●根据表2，查取工作情况修正系数K2。

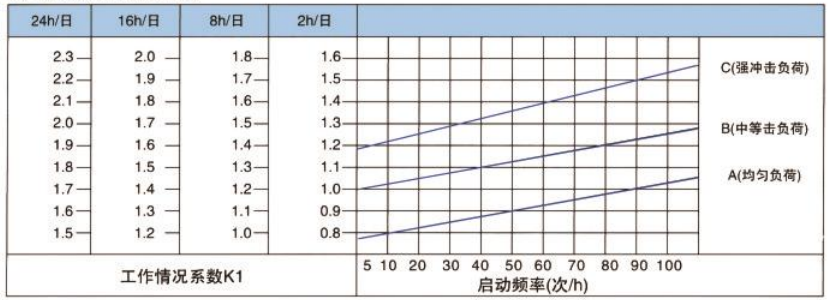
机械负荷种类选定(表1)

使用情况	示例	负荷种类
无冲击均匀负荷	传送带(均速输送)	A(均匀负荷)
中等冲击负荷	传送带(变速输送)	B(中等冲击负荷)
强烈冲击负荷	压缩机、粉碎机等	C (强冲击负荷)

工作情况修正系数K2选定(表2)

环境温度	工作情况修正系数K2
-10℃-30℃	×1
30℃-40℃	×1.1-1.2

工作情况系数K1选定(图1)



3、选定减速机

●用户须先确定工作机输入机械负荷T (转矩)，以T乘以工作情况系数K1，再乘以工作情况修正系数K2，即获得减速机应有的输出转矩值，以此为据，并结合速比值或输出转速值，选定所需减速机规格

●用户也可以根据已知的输入功率，结合速比值或输出转速值，计算输出转矩，选定减速机。

4、选型示例

例1通用传送带 (均匀负荷)

转矩：19N.m, 运转时间：8小时/天 ,转速：约55r/min,启动频率：10/次/小时, 减速机：1/25, 环境温度：室内25℃,电机直联

①根据表1，负荷种类:无冲击在A线上取频率1与匀负荷，选A;10次小时的交点，查出运转时间8小时/天的系数K1=1;
②根据图1,③根据表2,④则转矩值为
选定结果: NMRV30-125输入功率0.18kw,输出转速56转/分，输出转矩21 N.m
可选择最接近19N.m的减速机。
例2输送带(中等冲击负荷)
转矩: 65N.m,转速:约21r/min减速机: 1/60,运转时间: 16小时/天,启动频率: 100次/小时,环境温度:室内35℃
电机直联
①根据表1,决定负荷种类　负荷种类:轻度冲击负荷，选B;
②根据图1,在B线上取频率100次/小时的交点，求出运转时间16小时/天的系数K1=1.65;③根据表2,查得系数K2=1.15;
④则转矩值为65xKlxK2=65x1.65x1.15=123N.m,可选择最接近123N.m的减速机。
选定结果: NMRV63-1/60
输入功率0.55kw，输出转速23.3转/分，输出转矩140N.m

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产品介绍 PRODUCTS GUIDE

NMRV 多置式蜗杆减速机
NMRV Universal Position Worm Reducer

NMRV

NMRV..F

NMRV..VS

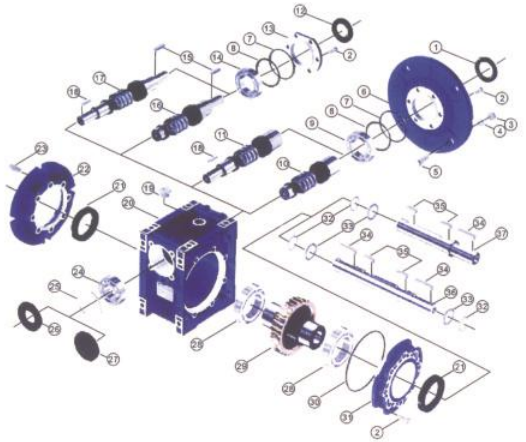
NRV

NRV..F

NRV..VS

NMRV+NMRV

NMRV蜗杆蜗轮减速机分解图
DECOMPOSITION DIAGRAM OF NMRV WORM AND WORM REDUCER



1、油封 oil seal
2、内六角螺钉 inner hex screw
3、螺母nut
4、弹性垫圈 spring washer
5、六角头螺栓 hex screw
6、输入法兰 input flange
7、O型圈O-Ring
8、调整垫片 adjust spacer
9、轴承 bearing
10、孔输入蜗杆 hole input worn
11、孔输入轴输出蜗杆 hole input and shaft output worm
12、油封 oil seal
13、输入端盖 input cover
14、轴承 Bearing
15、平键Key
16、轴输入蜗杆 shaft input worn
17、轴输入轴输出蜗杆 shaft input and shaft output worm
18、平键Key
19、油塞 oil plug
20、箱体 casing
21、油封 oil seal
22、输出法兰 output flange
23、内六角螺钉 inner hex screw
24、轴承 bearing
25、孔用档圈hoe-circlip
26、油封 oil seal
27、盖子 cover
28、轴承 bearing
29、蜗轮 worm wheel
30、O型圈O-Ring
31、输出端盖 output cover
32、轴用挡图 shaft-circlip
33、垫片 spacer
34、平键Key
35、平键Key
36、双向输出轴 double output shaft
37、单向输出轴 single output shaft

YS/Y2 系列铝壳三相异步电动机
YS/Y2 SERIES ALUMINUM HOUSINGH REPHASE ASYNCHRONOUS S MOTOR

INTRODUCE

YS / Y2 series aluminum housing three-phaseasynchronous motors are latest design and aremade of selected quality materrials and conformto the international IEC standard .
YS motor have averysafe and reliable performance , are attractiveinappearance and can be easily maintainde theyhave low noise with little vibrationbut at the sametime are light weight andog simple constructionYS / Y2 series motor can be used for generalelectic motor applications .

OPERATING CONDITIONS

*Ambient temperature : -150≤0≤40
*Altitude : Not exceeding 1000 meters
*Rated voltage : 380V
*Rated frequency : 50HZ / 60HZ
*Insulation class : Classb / F / H
*Protection class : IP54 / IP55
*Cooling type : C0141
*Duty : Rating : Continuos (S1)
*Connection : Star-connection for 3KW or
*lesswhereas delta-connection for 4KW or more

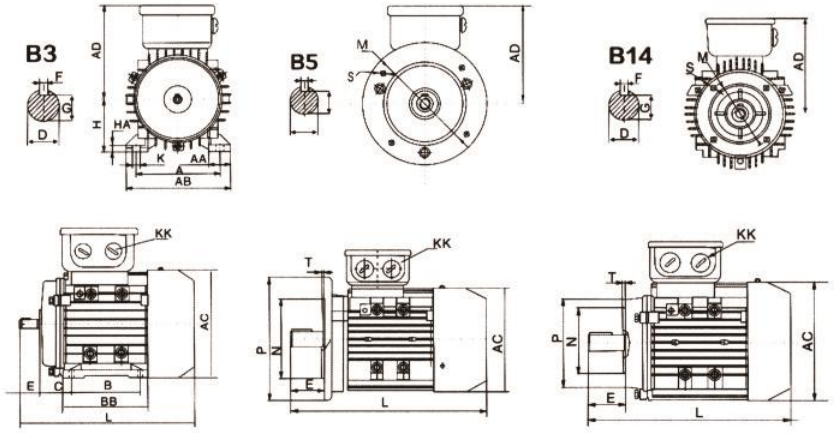
简介

YS/Y2系列铝壳三相异步电动机，符合国际电工协会IEC)有关规定，选用优质原材料，进行最新式整体设计，具有性能好，噪音低，振动小，运行安全可靠、外形美观、体积小、重量轻、结构简单、维修方便等优点。YS/Y2系列电动机适用于各类机械设备上。

使用条件

*环境气温度:-15℃≤0≤40
*海拔:不超过1000米
*额定电压:380V,可选用220-760V
*额定功率:50Hz/60Hz
*绝缘等级:B/F/H级
*防护等级:IP54、IP55
*冷却方式:IC0141
*工作方式:连续(S1)
*接法:3KW及以下规格为Y接法,4KW及以上为△接法

外形及安装尺寸 OVERALL& INSTALLATION DIMENSIONS



机座号	B3安装尺寸(mm)									B5安装尺寸					B14安装尺寸					外形尺寸(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L
56	90	71	36	9	20	3	7.2	56	5.8	100	80	120	7	3	65	50	80	M5	2.5	110	120	100	155	195
63	100	80	40	11	23	4	8.5	63	7	115	95	140	10	3	75	60	90	M5	2.5	125	130	100	165	215
71	112	89	45	14	30	5	11	71	7	130	110	160	10	3.5	85	70	105	M6	2.5	140	150	110	185	246
80	125	100	50	19	40	6	15.5	80	10	165	130	200	12	3.5	100	80	120	M6	3	160	170	135	215	285
90S	140	100	56	24	50	8	20	90	10	165	130	200	12	3.5	115	95	140	M8	3	178	185	137	226	335
90L	140	125	56	24	50	8	20	90	10	165	130	200	12	3.5	115	95	140	M8	3	178	185	137	226	335
100L	160	140	63	28	60	8	24	100	12	215	180	250	15	4	130	110	160	M8	3.5	206	206	150	250	376
112M	190	140	70	28	60	8	24	112	12	215	180	250	15	4	130	110	160	M8	3.5	222	228	170	285	400
132S	216	140	89	38	80	10	33	132	12	265	230	300	15	4	165	130	200	M10	4	257	267	190	325	460
132M	216	178	89	38	80	10	33	132	12	265	230	300	15	4	165	130	200	M10	4	257	267	190	325	500
160M	254	210	108	42	110	12	37	160	15	300	250	350	15	5	215	180	250	M12	4	320	330	255	420	615
160L	254	254	108	42	110	12	37	160	15	300	250	350	15	5	215	180	250	M12	4	320	330	255	420	675
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	19	5	265	230	300	M15	4	355	380	280	455	700
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	19	5	265	230	300	M15	4	355	380	280	455	740

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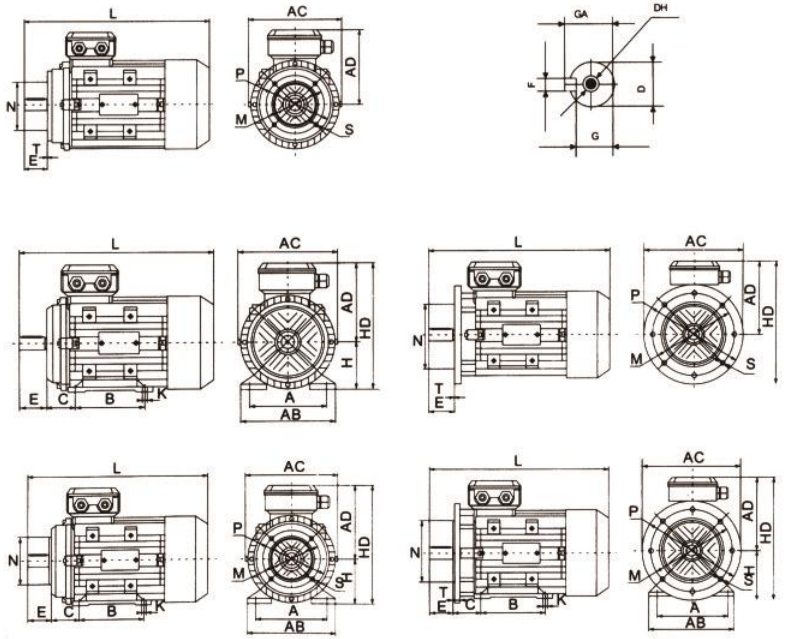
安装方位图 INSTALLATION AZIMUTH MAP



安装尺寸及外形尺寸 MOUNTING DIMENSIONS AND OVERALL DIMENSIONS

机座号	安装尺寸(mm)									instation size for B14 (mm)					instation size for B5 (mm)					外形尺寸(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L
56M	90	71	36	9	20	3	7.2	56	5.8	65	50	80	M5	2.5	100	80	120	7	3.0	112	115	90	146	198
63M	100	80	40	11	23	4	8.5	63	7	75	60	90	M5	2.5	115	95	140	10	3.0	120	127	95	158	225
71M	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	130	110	160	10	3.5	135	145	105	176	255
80M	125	100	50	19	40	6	15.5	80	10	100	80	120	M6	3.0	165	130	200	12	3.5	155	165	115	195	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	175	180	120	210	331
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	175	180	120	210	361
110L	160	140	63	28	60	8	24	100	12	130	110	160	M8	3.5	215	180	250	15	4.0	200	200	155	255	392
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	215	180	250	15	4.0	230	222	180	274	406
132S	216	140	89	38	80	10	33	132	12	165	130	200	M10	4.0	265	230	300	15	4.0	260	260	200	314	473
132M	216	178	89	38	80	10	33	132	12	165	130	200	M10	4.0	265	230	300	15	4.0	260	260	200	314	505
160M	254	210	108	42	110	12	37	160	15	215	180	250	M12	4.0	300	250	350	18.5	5.0	304	315	242	402	609
160L	254	210	108	42	110	12	37	160	15	215	180	250	M12	4.0	300	250	350	18.5	5.0	304	315	242	402	653

YVF_2 系列铝壳变频调速专用三相异步电机
YVF2 SERIES VARIABLE FREQUENCY ADJUSTABLE-SPEED CONVER-FED THREE PHASE INCUCTION MOTOR

YVF2系列铝壳变频调速三相异步电动机是在全国最新统一的Y2系列电动机基础上派生的系列电动机，外形结构新颖美观，噪声低、振动小。它具有较宽的调速范围，并且调速平稳无极；具有独立通风散热系统可低速长期运行。与各类变频器具有良好的参数匹配，配合矢量控制具有快速动态响应；低速无转矩脉动，无共振现象；目前我厂研制生厂从56-132共8个机座号，2、4、6、8各种功率YVF2的铝壳变频调速专用三相异步电机，按JB/T7118-2004《YVF2系列铝壳变频调速三相异步电动机技术条件》有关规定设计制造。按客户需要还可以提供YVF2EJ系列铝壳变频调速电磁制动三相异步电动机。

YVF2 series varibale frequency adjustable-speed three phase induction motor is developed from Y2 series motor . Its appearance is unipue and beautiful and has lower noise and bibration . It has wide range of adjustable-speedand independent ventilation system . It has a good parameter match with various types of converter , vector controlwith fast dynamic response . Low speed torque ripple , no resonance . We now develop and produce eight framefrom 56 to 132 with 2 , 4 , 6 , 8 poles according to the standards of (YVF2 series aluminum-housing varibale frequ -ency adjustable-speed three phase induction moto r techinical) We also produce YVF2EJ series varibale frequ -ency adjustable-speed electromagnetic brake three phase induction motor.

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YVF2系列铝壳变频调速专用三相异步电机的工作条件：

(1).海拔高度不超过1000M。
(2).环境空气温度不超过40℃,不低于-15℃。
(3).月平均最高湿度不超过90%,同时该月月平均最低温度不高于25℃
(4).工作制为连续工作制(S1)。
(5).采用F级绝缘。
(6).额定电压为380V。
(7).额定频率为50Hz,电机一般为4极。
(8).通风冷却为IC416(独立风机冷却)

1.Altitude : not exceeding 1000mo
2.Temperature : not exceeding + 40 C , and not less than-150c
3.Average high humidity one month should be not more than 90%and average lower temperature is not more than 25C
4.Duty : S1
5.Insulation Class : F
6.Rated Voltage : 380V
7.Rated Frequency : 50HZ : motor usually is 4poles
8.Cooling Type : IC416 (Independent fan cooling) ,

变频电动机在变频供电条件下空载时振动速度有效值和噪声值应≤以下表中值
when , the inverter has the power and under no-load conditions , the vibration velocity and noise value should be not more than thevalues in the following table

机座号	80	90	100	112	132	160	180	200	225	250	280
振动	1.8	1.8	1.8	1.8	1.8	2.8	2.8	2.8	2.8	3.5	3.5
噪声	73	76	79	80	86	90	91	92	94	96	99

变频电动机的机座,标称功率、额定转矩及变频范围如下表
Frame , powe , rated torque and range of frequency

功率（KW）	0.55	0.75~1.5	2.2~4	5.5~15	18.5~37	45~55	75~160
堵转转矩（额定转矩）	2.0	2.0	2.0	2.0	20	1.7	1.7
最大转矩（额定转矩）	2.8	2.8	2.8	2.8	2.8	2.8	2.8
最小转矩（额定转矩）	1.7	1.6	1.5	1.4	1.2	1.1	1.0

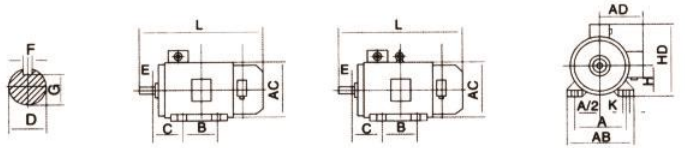
变频电动机配套的变频容量和配套轴流风机容量:
Conpacity of inverter and axial fans

机座号	标称电流（A）	标称功率（KW）	额定转矩（N.m）	恒转矩变频范围（Hz）	恒功率变频范围（Hz）
YVF80M1-4	0.57	0.55	3.5	5~50	50~100
YVF80M2-4	2.05	0.75	4.7	5~50	50~100
YVF90S-4	2.89	1.1	7.0	5~50	50~100
YVF90L-4	3.7	1.5	9.5	5~50	50~100
YVF100L1-4	5.16	2.2	14	5~50	50~100
YVF100L2-4	6.8	3	19	5~50	50~100
YVF112M-4	9.3	4	25.4	5~50	50~100
YVF132S-4	11.8	5.5	35.0	5~50	50~100
YVF132M-4	15.6	7.5	47.7	5~50	50~100

变频电动机在额定电压和额定频率(基频)下的堵转转矩、最大转矩、起动过程中最小转矩与额定转矩与额定转矩之比应≥以下表中值
Uder the rated voltage and trequency , the Tstv , Tmax and the ration of Tmin and tn during startup should be not less than thevalues in the following table

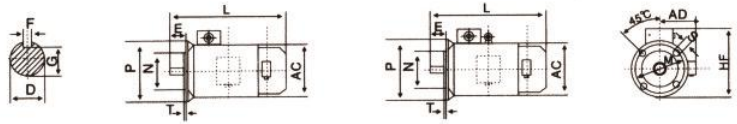
机座号	功率（KW）	变频器容量（KVA）	风机额定电压（V）	风机额定频率（HZ）	风机容量（W）	风机转速（r/min）
YVF80M1-4	0.55	1	380	50	30	2800
YVF80M2-4	0.75	1	380	50	30	2800
YVF90S-4	1.1	2	380	50	42	2800
YVF90L-4	1.5	3	380	50	42	2800
YVF100L1-4	2.2	4	380	50	52	2800
YVF100L2-4	3	6	380	50	52	2800
YVF112M-4	4	10	380	50	60	2800
YVF132S-4	5.5	10	380	50	80	2800
YVF132M-4	7.5	10	380	50	80	1400

机座带底脚,端盖上无凸缘-B3
(Frame with feet and end shield without flange-b3)



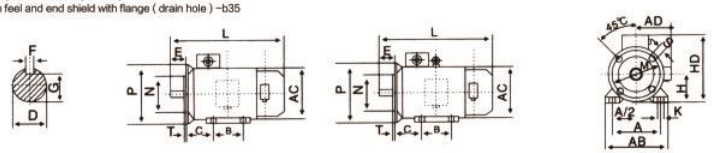
机座号	安装尺寸（mm）										外形尺寸（mm）				
	A	A/2	B	C	D	E	F		H	K	AB	AC	AD	HD	L
80M	125	62.5	100	50	19	40	6	15.5	80	10	165	175	145	220	370
90S	140	70	100	56	24	50	8	20	90	10	180	175	155	250	380
90L	140	70	125	56	24	50	8	20	90	10	180	175	155	250	410
100L	160	80	140	63	28	60	8	24	100	12	205	215	180	270	465
112M	190	95	140	70	28	60	8	24	112	12	230	240	190	300	480
132S	216	108	140	89	38	80	10	33	132	12	270	275	210	345	530
132M	216	108	178	89	38	80	10	33	132	12	270	275	210	345	570

机座不带底脚,端盖上有凸缘(带通孔)-B5
Frame without fool and end shield with flange (drain hole) -b5



机座号	凸缘号	安装尺寸（mm）										外形尺寸（mm）			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	FF165	19	40	6	15.5	165	130	200	0±1.5	12	3.5	175	145	185	370
90S	FF165	24	50	8	20	165	130	200	0±1.5	12	3.5	195	155	195	380
90L	FF165	24	50	8	20	165	130	200	0±1.5	12	3.5	195	155	195	410
100L	FF215	28	60	8	24	215	180	250	0±2.0	15	4	215	180	245	465
112M	FF215	28	60	8	24	215	180	250	0±2.0	15	4	240	190	265	480
132S	FF265	38	80	10	33	265	230	300	0±2.0	15	4	275	210	315	530
132M	FF265	38	80	10	33	265	230	300	0±2.0	15	4	275	210	315	570

机座带底脚,端盖上有凸缘(带通孔)-B35
Frame with feel and end shield with flange (drain hole) -b35



机座号	凸缘号	安装尺寸（mm）															外形尺寸（mm）					
		A	A/2	B	C	D	E	F	G	H	K	M	N	S	T	P	AB	AC	AD	HD	L
80M	FF165	125	62.5	100	50	19	40	6	15.5	80	10	165	130	12	3.5	200	165	175	145	220	370
90S	FF165	140	70	100	56	24	50	8	20	90	10	165	130	12	3.5	200	180	195	155	250	280
90L	FF165	140	70	125	56	24	50	8	20	90	10	165	130	12	3.5	200	180	195	155	250	410
100L	FF215	160	80	140	63	28	60	8	24	100	12	215	180	15	4	250	205	215	180	270	465
112M	FF215	190	95	140	70	28	60	8	24	112	12	215	180	15	4	250	230	240	190	300	480
132S	FF265	216	108	140	89	38	80	10	33	132	12	265	230	15	4	300	270	275	210	345	530
132M	FF265	216	108	178	89	38	80	10	33	132	12	265	230	15	4	300	270	275	210	345	570

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YE3系列高效率三相异步电动机
YE3 SERIES HIGH EFFICIENCY THREE-PHASE ASYNCHRONOUS MOTOR

YE3系列是本公司根据GB/T28575-2012最新开发的全封闭自扇冷式鼠笼型高效率三相异步电动机,并且公司取得超高效率节能认证。该系列电动机的效率指标达到中国GB18613-2012《中小型三相异步电动机能效限定值及能效等级》中的2级能效等级，符合Ec60034-30中的能效等级中的E3，和目前国际最先进的美国NEMA超高效电机处于同一水平。相对YE2系列，YE3系列超高效率电动机更加节能低碳和环保。安装尺寸、功率等级和普通电机完全相同，符合国际电工委员会E60072-1标准，可直接替换从而达到节能、节电的目的，便于市场推广。中心高H160及以上电机可配装不停机注排油装置，并预留有安装热敏电阻和防潮加热带的空间，方便用户选用。

YE3 series is the company based on the latest development ofGB / T28575-2012 fully enclosed self fan cooled squirrel cage high-efficiencythree-phase asynchronous motor , and the compannyobtain ultra highefficiency energy saving certification . the efficiency index of the modifiedseries motor reaches the limit value of energy efficiency of small andmedium-sized asynchronous motor in china GB18613-2012 Energyefficiency rating of the 2 levels energy efficiency , in accordance with theenergy efficiency rating in the IE3 IEC60034-30 , and the current internationalmost advanced American NEMA ultra efficient motorat the same levelRelative to the YE2 series , the YE3 series is more energy efficient , lowcarbon and environmental protection Installation size , power level andcommon motor is exactly the same international electrical commissionlev60072-1standards , can be directly replaced so as to achieve energysaving , power saving purposes , to facilitate market promotion center highh160 and abve motorIt can be equipped with non-stop injection oil dischargedevice , and set aside the installed thermal resistance and moisture heatingspace , convenient for the user to choose

电机型号释意 THE MOTOR MODEL

YE3 - 132 S 1 - 2

- 电机极对数 Numberof polesl
- 铁芯长度代号 code of core length
- 机座长度代号 code of core housing
- 机座中心高（单位：mm) central height of the motor(mm)
- 电机代号(高效率三相异步电动机) motor identification symbol(high effciency three phase asynchronous motor)

*环境温度:-15℃~40℃
*额定电压:380V,400V,415V
*接法:额定功率3KW及一下电机为Y接法
额定功率4KW及以下电机为△接法
*工作制:连续工作制(S1)
*绝缘等级:B级/F级
*Ambient Temperature:-15℃~40℃
*Rated Voltage: 380v, 400v, 415V
*Connection: Output<3kw, Y connection
Output≤4kW,△ connection
*Duty: Continuous (S1)
*Insulation Class: Classb/classf

*海拔:不超过1000米
*额定功率:50Hz,60Hz
*防护等级:IP45/P55
*冷却方式:IC411
*Altitude: up to 1000 meters
*Rted Frequency: 50HZ, 60HZ
*Ingress Protection: IP54/IP55
*Cooling method: IC411

技术参数 TECHNICAL PARAMETER

电机型号	额定功率		满载时						额定转矩 (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声	重量
			转速	电流			效率	额定功率						
	KW	HP	RPM	380V	400V	415V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
YE3-80M1-2	0.75	1	2843	1.72	1.64	1.58	80.7	0.82	2.52	2.3	2.3	7.0	62	16
YE3-80M2-2	1.1	1.5	2843	2.43	2.31	2.23	82.7	0.83	3.70	2.2	2.3	7.3	62	17.5
YE3-90S-2	1.5	2	2856	3.22	3.06	2.95	84.2	0.84	5.02	2.2	2.3	7.6	67	23.5
YE3-90L-2	2.2	3	2856	40.58	4.3	4.19	85.9	0.85	7.36	2.2	2.3	7.6	67	28.5
YE3-100L-2	3	4	2883	6.02	5.71	5.51	87.1	0.87	9.94	2.2	2.3	7.8	74	38
YE3-112M-2	4	5.5	2892	7.84	7.45	7.18	88.1	0.88	13.21	2.2	2.3	8.3	77	49
YE3-132S1-2	5.5	7.5	2910	10.6	10.1	9.7	89.2	0.88	18.05	2.0	2.3	8.3	79	63
YE3-132S2-2	7.5	10	2910	14.4	13.7	13.2	90.1	0.88	24.61	2.0	2.3	7.9	79	70
YE3-160M1-2	11	15	2937	20.6	19.6	18.9	91.2	0.89	35.76	2.0	2.3	8.1	81	121
YE3-160M2-2	15	20	2937	27.9	26.5	25.5	91.9	0.89	48.77	2.0	2.3	8.1	81	132
YE3-160L-2	18.5	25	2937	34.2	32.5	31.3	92.4	0.89	60.1	2.0	2.3	8.2	81	152
YE3-180M-2	22	30	2946	40.5	38.5	37.1	92.7	0.89	71.31	2.0	2.3	8.2	83	191
YE3-200L1-2	30	40	2955	54.9	52.1	50.3	93.3	0.89	96.94	2.0	2.3	7.6	84	240
YE3-200L2-2	37	50	2955	67.4	64	61.7	93.7	0.89	119.6	2.0	2.3	7.6	84	257
YE3-225M-2	5	60	2964	80.8	76.8	74	94.0	0.90	145.0	2.0	2.3	7.7	86	310
YE3-250M-2	55	75	2969	98.5	93.5	90.2	94.3	0.90	176.9	2.0	2.3	7.7	89	400
YE3-280S-2	75	100	2973	133.7	127	122.4	94.7	0.90	240.9	1.8	2.3	7.1	91	525
YE3-280M-2	90	120	2973	159.9	151.9	146.4	95.0	0.90	289.1	1.8	2.3	7.1	91	555
YE3-315S-2	110	180	2978	195.1	185.3	178.6	95.2	0.90	352.8	1.8	2.3	7.1	92	990
YE3-315M-2	132	180	2978	233.6	221.9	213.9	95.4	0.90	423.3	1.8	2.3	7.1	92	1180
YE3-315L1-2	160	220	2978	279.4	265.5	255.9	95.6	0.91	513.1	1.8	2.3	7.2	92	1280
YE3-315L2-2	200	270	2978	348.6	331.1	319.2	95.8	0.91	641.4	1.8	2.3	7.2	92	1250
YE3-335M-2	250	340	2982	435.7	413.9	399	95.8	0.91	800.6	1.8	2.0	7.2	100	1910
YE3-335L-2	315	430	2982	549	521.5	502.7	95.8	0.91	1008.7	1.8	2.0	7.2	100	2000

电机型号	额定功率		满载时						额定转矩 (Tn)	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流 额定电流	噪声	重量
			转速	电流 (Amp)			效率	额定功率						
	KW	HP	RPM	380V	400V	415V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
YE3-80M2-4	0.75	1	1401	1.84	1.75	1.69	82.5	0.75	5.11	2.3	2.3	6.6	56	18.5
YE3-90S-4	1.1	1.5	1410	2.61	2.48	2.39	84.1	0.76	7.45	2.3	2.3	6.8	59	24
YE3-90L-4	1.5	2	1410	3.47	3.3	3.18	85.3	0.77	10.16	2.3	2.3	7.0	59	29.5
YE3-100L1-4	2.2	3	1428	4.76	4.52	4.36	86.7	0.81	14.71	2.3	2.3	7.6	64	39.5
YE3-100L2-4	3	4	1428	6.34	6.02	5.8	87.7	0.82	20.06	2.3	2.3	7.6	64	43.5
YE3-112M-4	4	5.5	1446	8.37	7.95	7.66	88.6	0.82	26.41	2.2	2.3	7.8	65	52
YE3-132S-4	5.5	7.5	1446	11.2	10.7	10.3	89.6	0.83	36.32	2.0	2.3	7.9	71	66
YE3-132M-4	7.5	10	1446	15	14.3	13.7	90.4	0.84	49.53	2.0	2.3	7.5	71	78
YE3-160M-4	11	15	1464	21.5	20.4	19.7	91.4	0.85	71.7	2.2	2.3	7.7	73	122
YE3-160L-4	15	20	1464	28.8	27.3	26.3	92.1	0.86	97.84	2.2	2.3	7.8	73	139
YE3-180M-4	18.5	25	1469	35.3	33.5	32.3	92.6	0.86	120.3	2.0	2.3	7.8	76	188
YE3-180L-4	22	30	1469	41.8	39.7	38.3	93.0	0.86	143.1	2.0	2.3	7.8	76	193

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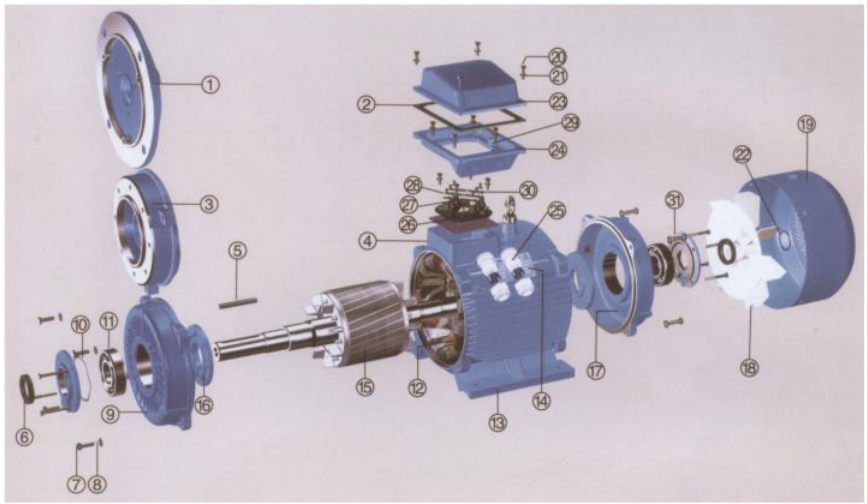
技术参数 TECHNICAL PARAMETER

电机型号	额定功率		满载时 FULL Load						额定转矩 (Tn)	堵转转矩/额定转矩	最大转矩/额定转矩	堵转电流/额定电流	噪声	重量
			转速	电流			效率	额定功率						
	KW	HP	RPM	380V	400V	415V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
YE3-200L-4	30	40	1473	56.6	53.8	53.8	93.6	0.86	194.5	2.0	2.3	7.3	76	256
YE3-225S-4	37	50	1478	69.6	66.1	66.1	93.9	0.86	239.1	2.0	2.3	7.4	78	308
YE3-225M-4	45	60	1478	84.4	77.3	77.3	94.2	0.86	290.8	2.0	2.3	7.4	78	337
YE3-250M-4	55	75	1478	102.7	94.1	94.1	94.6	0.86	355.5	2.0	2.3	7.4	79	410
YE3-280S-4	75	100	1482	136.3	124.8	124.8	95.0	0.88	483.2	2.0	2.3	6.9	80	541
YE3-280M-4	90	120	1482	163.2	149.5	149.5	95.2	0.88	579.9	2.0	2.3	6.9	80	630
YE3-315S-4	110	150	1482	196.8	180.2	180.2	95.4	0.89	708.8	2.0	2.0	7.0	88	910
YE3-315M-4	132	180	1482	235.7	215.8	215.8	95.6	0.89	850.5	2.0	2.0	7.0	88	1005
YE3-315L1-4	160	220	1482	285.1	261.1	261.1	95.8	0.89	1030.9	2.0	2.0	7.1	88	1085
YE3-315L2-4	200	270	1482	351.7	322	322	96.0	0.90	1288.7	2.0	2.0	7.1	88	1160
YE3-335M-4	250	340	1491	439.6	402.6	402.6	96.0	0.90	1601.1	2.0	2.0	7.1	95	1830
YE3-355L-4	315	430	1491	553.9	507.2	507.2	96.0	0.90	2017.4	2.0	2.0	7.1	95	1990

电机型号	额定功率		满载时						额定转矩 (Tn)	堵转转矩/额定转矩	最大转矩/额定转矩	堵转电流/额定电流	噪声	重量
			转速	电流			效率	额定功率						
	KW	HP	RPM	380V	400V	415V	η%	cosΦ	N.m	Tst/Tn	Tmax/Tn	Ist/In	dB(A)	Kg
YE3-90S-6	0.75	1	919	2.03	1.93	1.86	78.9	0.71	7.79	2.0	2.1	6.0	57	23
YE3-90L-6	1.1	1.5	919	2.83	2.69	2.59	81.0	0.73	11.43	2.0	2.1	6.0	57	28.5
YE3-100L-6	1.5	2	937	3.78	3.6	3.47	82.5	0.73	15.29	2.0	2.1	6.5	61	37.5
YE3-112M-6	2.2	3	946	5.36	5.09	4.91	84.3	0.74	22.21	2.0	2.1	6.6	65	48
YE3-132S-6	3	4	964	7.2	6.84	6.59	85.6	0.74	29.72	2.0	2.1	6.8	69	65
YE3-132M1-6	4	5.5	964	9.46	8.99	8.66	86.8	0.74	39.62	2.0	2.1	6.8	69	73
YE3-132M2-6	5.5	7.5	964	12.7	12	11.6	88.0	0.75	54.48	2.0	2.1	7.0	69	82
YE3-160M-6	7.5	10	973	16.2	15.4	14.8	89.1	0.79	73.60	2.0	2.1	7.0	73	113
YE3-160L-6	11	15	973	23.1	22	21.2	90.3	0.80	108.0	2.0	2.1	7.2	73	134
YE3-180L-6	15	20	973	30.9	29.3	28.2	91.2	0.81	147.2	2.0	2.1	7.3	73	178
YE3-200L1-6	18.5	25	978	37.8	36	34.7	91.7	0.81	180.7	2.0	2.1	7.3	73	226
YE3-200L2-6	22	30	978	44.8	42.5	41	92.2	0.81	214.9	2.0	2.1	7.4	73	243
YE3-225M-6	30	40	982	59.1	56.2	54.1	92.9	0.83	291.7	2.0	2.1	6.9	74	294
YE3-250M-6	37	50	982	71.7	68.1	65.7	93.3	0.84	359.8	2.0	2.1	7.1	76	388
YE3-280S-6	5	60	982	85.8	91.6	78.6	93.7	0.85	437.6	2.0	2.0	7.3	78	495
YE3-280M-6	55	75	982	103.3	98.1	94.6	94.1	0.86	534.8	2.0	2.0	7.3	78	574
YE3-315S-6	75	100	987	143.4	136.2	131.3	94.6	0.84	726.0	2.0	2.0	6.6	83	836
YE3-315M-6	90	120	987	169.5	161	155.2	94.9	0.5	871.2	2.0	2.0	6.7	83	940
YE3-315L1-6	110	180	987	206.8	196.4	189.3	95.1	0.85	1064.8	2.0	2.0	6.7	83	1068
YE3-315L2-6	132	180	987	244.5	232.2	223.8	95.4	0.86	1277.7	2.0	2.0	6.8	83	1140
YE3-355M1-6	160	220	991	295.7	280.9	270.7	95.6	0.86	1541.7	1.8	2.0	6.8	85	1742
YE3-355M2-6	200	270	991	364.6	346.4	333.8	95.8	0.87	1927.1	1.8	2.0	6.8	85	1850
YE3-355L-6	250	340	991	455.7	433	417.3	95.8	0.87	2408.9	1.8	2.0	6.8	85	1960

三相异步电动机分解图
DECOMPOSITION DIAGRAM OF THREE-PHASE ASYNCHRONOUS MOTOR



序号 No.	部件名称 Part name	序号 No.	部件名称 Part name	序号 No.	部件名称 Part name
1	B5端盖(B5 Flange)	12	有绕组铁心(Stator)	23	接线盒盖(Terminal box lid)
2	密封垫(Gasket)	13	底脚(Feet)	24	接线盒座(Terminal box base)
3	B14端盖(B14 Flange)	14	铭牌(Nameplate)	25	螺母螺套(Cable gland)
4	机座(Housing/Body)	15	转子(Rotor)	26	接线板(Terminal board)
5	键(Key)	16	内轴承盖(Inner bearing cap)	27	铜连接片(Brass lug)
6	密封圈(V Ring/Oil Seal)	17	后端盖(Rear endshield/cover)	28	铜螺帽(Brass lug)
7	螺栓(Bolt)	18	风叶(Fan)	29	接地标志(Earth mark)
8	弹簧垫圈(Spring washer)	19	风罩(Fan cover)	30	铜垫片(Brass washer)
9	前端盖(Front endshield/cover)	20	螺丝(Screw)	31	外轴承盖(Outer bearing cap)
10	波行圈(Wave washer)	21	垫圈(Washer)		
11	轴承(Bearing)	22	风叶用弹性挡圈(Fan clamp)		