



RV系列蜗轮蜗杆减速机

RV SERIES WORM GEAR SPEED REDUCER

PC系列齿轮减速机

PC SERIES GEAR REDUCER

YS三相异步电动机

YS SERIES THREE PHASE ASYNCHRONOUS MOTOR

INTRODUCTION

公司简介

公司是一家集研发、设计、生产、销售和服务于一体的传动应用解决方案的生产企业。公司聚焦于中国工业自动化领域，追求精密技术，研发新一代蜗轮蜗杆减速机及双曲面齿轮减速机，具有精度高，可靠性高，噪音低，寿命长，刚性强，免维护等特色。广泛应用于工业机器人、智能物流、新能源、自动化生产等领域，以及食品、包装、纺织、电子、医疗、陶瓷、木工、印染、塑料等专用机械设备。

为了更便捷的服务于亚洲客户，公司于2021年将总公司的部分设备迁至全球自动化制造中心之一的城市——东莞。并派遣一批具有多年经验的员工进行培训指导工作，快速的在东莞拥有一套完善标准的组装生产线。公司拥有技术精湛的研发团队和售后服务团队，团队人员均在行业内深耕10年以上，公司自成立以来，秉承“专业、可靠、创新、卓越”的产品理念，“诚信经营、完美售后”的服务宗旨。赢得了消费者的广泛好评。

高素质的员工队伍，先进高效的生产设备，严格的质保体系，完善的售后服务，广受消费者信赖。

用心做好每一台减速机，是东莞人持之以恒的追求！

we are a manufacturer of transmission application solutions integrating research and development, design, production, sales and service. The company focuses on the field of industrial automation in China, the pursuit of precision technology, research and development of a new generation of worm gear reducer and hyperboloid gear reducer, with high accuracy, high reliability, low noise, long life, strong rigidity, maintenance free and other characteristics. Widely used in industrial robots, intelligent logistics, new energy, automatic production and other fields, as well as food, packaging, textile, electronics, medical, ceramics, woodworking, printing and dyeing, plastic and other special machinery and equipment.

In order to serve Asian customers more conveniently, the company will relocate part of its headquarters to Dongguan, one of the world's automation manufacturing centers, in 2021. And send a group of employees with many years of experience to conduct training and guidance work, fast in Dongguan has a set of perfect standard assembly line. The company has a skilled R & D team and after-sales service team, team members are in the industry for more than 10 years, the company since its establishment, adhering to the "professional, reliable, innovative, excellent" product concept, "integrity management, perfect after-sales" service purpose. It has won wide praise from consumers.

High quality staff, advanced and efficient production equipment, strict quality assurance system, perfect after-sales service, widely trusted by consumers.

It is the persistent pursuit of Dongjiang people to do a good job of every reducer!

我们相信美不仅仅是外在
更源于品质

We believe beauty is more than appearances
MORE FROM QUALITY

ADVANCED PRODUCTION EQUIPMENT IS TO ENSURE THE PRODUCT QUALITY OF THE MATERIAL BASIS

先进的生产设备是确保产品质量的物质基础



拥有具备国际领先水平的生产流水线和自动化制造设备，为零部件精度的不断提升给予持续的支持，形成了强大生产能力和高效的生产制造平台。

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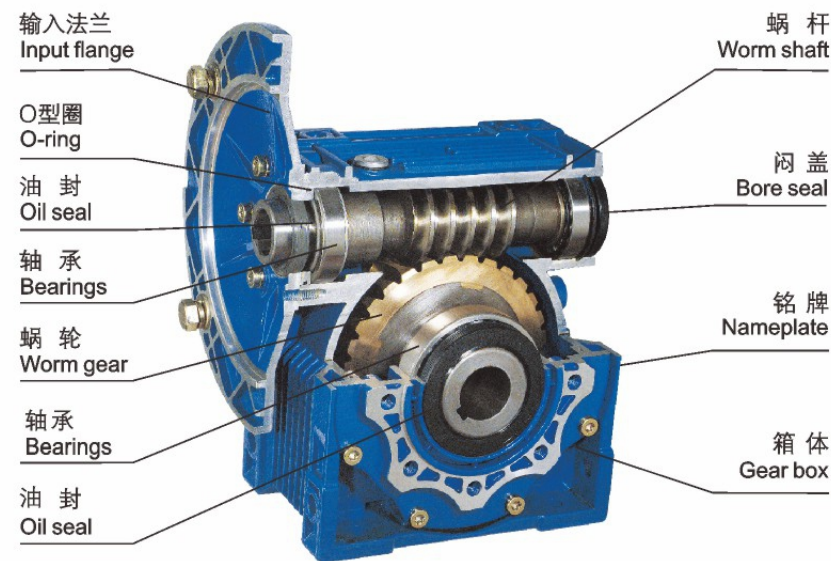
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RV系列蜗轮蜗杆减速机
RV SERIES WORM GEAR SPEED REDUCER

产品图片 Product picture



产品结构图 Products Structure View



产品概述 Product summary

- 单级蜗杆减速机
- 采用优质铝合金压铸箱体，外形轻巧美观，结构紧凑，体积小，重量轻，节省安装空间，不易锈蚀。
 - 散热性能好，安全可靠，效率高。
 - 承载能力高，传动平稳，振动小，噪音低。
 - 具有动力输入及转矩输出的多种联接结构，满足多种联接需要；箱体外形设计及底脚孔设置布局适应多种安装方式，通用性强。
 - 中小型箱体为全封闭结构，密封性强，箱体内润滑油不易损耗变质，不需更换，便于维护保养。

- 双级蜗杆减速机
- 由单级蜗杆减速机组合而成，具有单级蜗杆减速机的一切优点，和获得大的传动比。
 - 常用双级组合机型为: 25/30、25/40、30/40、30/50、30/63、40/75、40/90、50/110、63/130、63/150，用户若有特殊要求时，可根据实际需要选择25、30、40、50、63、75、90、110、130、150作为组合单元另行组合。

- Single Step Worm Gear Reducer
- Made of Aluminum alloy die-casting box, good looking in appearance, compact in structure rust proofing on Surface and small volume to save mounting space.
 - Good radiating characteristic leads safe and high efficiency for using.
 - The strong capacity of loading and overload ensure stable transmission, make less vibration and noise.
 - Varies of connecting structure for power input and torque output meet different requirements; the design of box outline and the set of foot hole is apt to with many kinds of mounting.
 - Besides big cases, no gap structure of box means a maintenance-free that is hermetically sealed. It prevents the lubricant from easily losing and going bad, and exchanging.

- Double Step Worm Gear Reducer
- It is combined by two single step reducers and has all the virtues of them. And you can get bigger ratio with it.
 - The models of 25/30、25/40、30/40、30/50、30/63、40/75、40/90、50/110、63/130、63/150, are in common use. You can choose 25、30、40、50、63、75、90、110、130、150 as combination units to combine according to the fact of your special needs.

选型方法 Service factor

- 为正确选择NMRV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

- 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。

- Please read before use:
- Load condition
 - Speed of rotation or speed ratio (combination with combine speed reducer can get extra low outputting rotational speed)
 - Work circumstance (temperature, humidity, corrosion etc.)
 - Space of installation

- Ensure coefficient of work condition K1 and coefficient of revise K2
- According to the table 1, choose machinery loading type A, B, C
 - According to the working time(h/d) and frequency (times/h) get the coefficient of work condition K1 from table 1
 - According to the table 2, pick up coefficient of revise K2

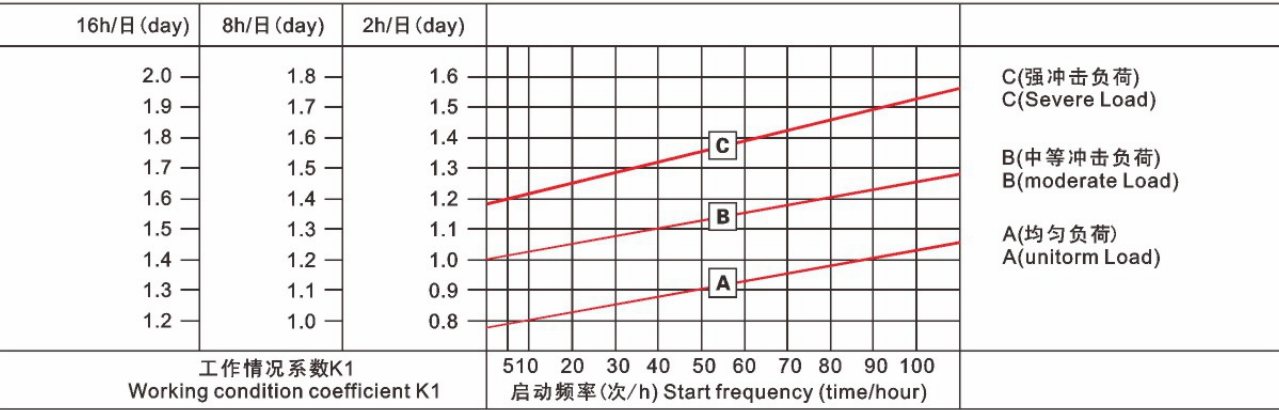
机械负荷种类选定（表1）
Table 1 machinery load classification selection

使用情况 Using Situation	示例 Example	负荷种类 Load Type
无冲击均匀负荷 Uniform Load	传送带(匀速输送) Convay Band (uniform Conveying)	A(均匀负荷) A(unitorm Load)
中等冲击负荷 Moderate Load	传送带(变速输送) Speed Changed Conveying	B(中等冲击负荷) B(moderate Load)
强烈冲击负荷 Severe Load	压缩机、粉碎机等 Compressor、Pulverizer, etc.	C(强冲击负荷) C(severe Load)

工作情况修正系数K2选定（表2）
Table 2 working condition coefficient K2

环境温度 Ambient Temperature	工作情况修正系数k2 Working Condition Coefficient K2
-10℃~30℃	1
30℃~40℃	1.1~1.2

工作情况系数K1选定(图1) Diagram 1 working condition coefficient K1



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，结合合理比值或输出转速值，计算输出转矩，选定减速机。

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,决定负荷种类
 负荷种类:无冲击均匀负荷, 选A;
- ②根据图1,在A线上取频率10次/小时的交点, 求出运转时间8小时/天的系数K1=1;
- ③根据表2, 查得系数K2=1;
- ④则转矩值为19x K1 xK2=19x1 x 1=19 N.m,可选择最接近19 N.m的减速机。
 选定结果: NMRV30-1/25
 输入功率0.18kW, 输出转速56转/分, 输出转矩21 N.m

例2. 输送带(中等冲击负荷)

转矩: 65N.m, 运转时间: 16小时/天,
转速: 约21 r/min, 启动频率: 100次/小时,
减速机: 1/60, 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/小时的支点, 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65x K1 x K2=70 x 1.65 x 1.15=123 N.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

How to select

- At first, to ensure the value of input machinery load T(torque), multiple K1 and K2 by T, then you can get the value of output torque, on the basis of which, also consider speed of output rotation or speed ratio then you can choose specification.
- You can calculate the output torque based on the known input power, reasonable ratio or speed of output rotation, then you can choose specification.

Example for model selection

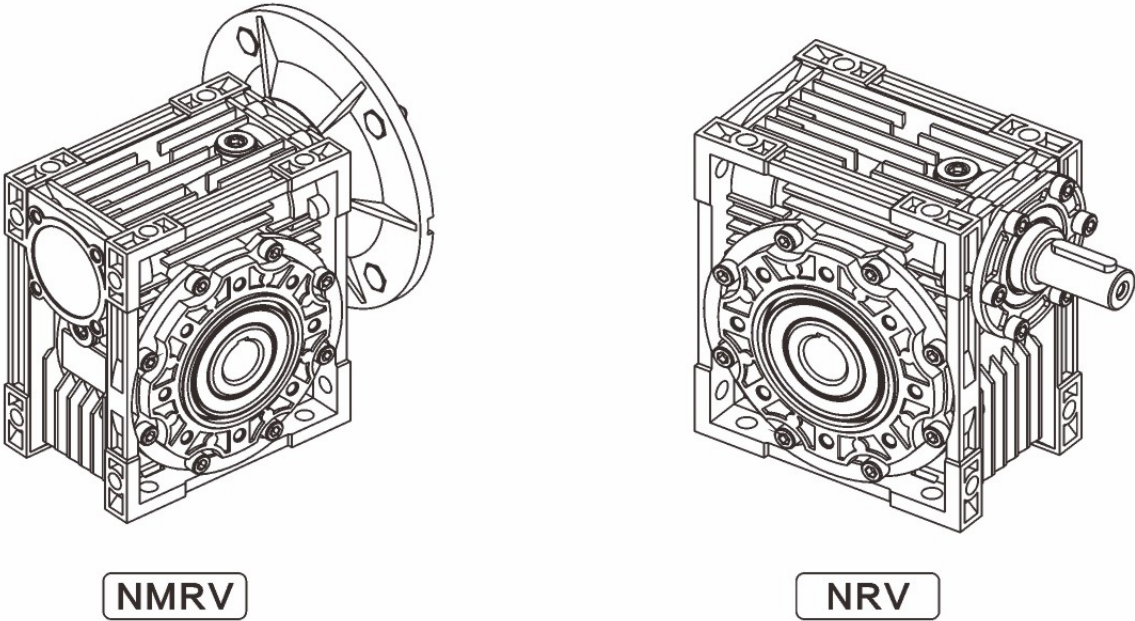
Ex1. General conveyor belt (uniform load)

Torque: 19N.m Turning time: 8hs/day
Speed of rotation: about 55r/min start frequency: 10times/h
Ratio:1/25 Temperature:25℃ (indoor) Connect with motor direct
①According to the table 1,ensure type of load
Type of load: load-bearing uniform without impact, choose A;
②According to diagram 1, choose the point 10times/h on the intersection A, we can get the K1=1 of turning time 8hs/d;
③According to the table 2,get the K2=1;
④The value of torque is 19 x K1 x K2=19 x 1 x 1=19N.m,choose the closest 19N.m reducer.
Choose selection: NMRV30-1/25
Input power = 0.18kw, the speed of output rotation is= 56r/min,
the value of output torque is 21N.m

Ex2.conveying belt(moderate load)

Torque:65N.m Turning time:16hs/d
Speed of rotation:about 21r/min Start frequency:100times/h
Ratio:1/60 Temperature:35℃ (indoor) Connect with motor direct
①According to the table 1,ensure type of load
Type of load: light load-bearing, choose B;
②According to diagram 1, choose the point 100times/h on the intersection B,then you can get the K1=1.65 of turning time16hs/d;
③According to the table 2,get the K2=1.15;
④The value of torque is 65 x K1 x K2=70 x 1.65 x 1.15=123N.m, choose the closest 123N.m reducer..
Choose selection: NMRV63-1/60
Input power = 0.55kw, the speed of output rotation =23.3r/min,the value of output torque is 140N.m

NMRV/NRV



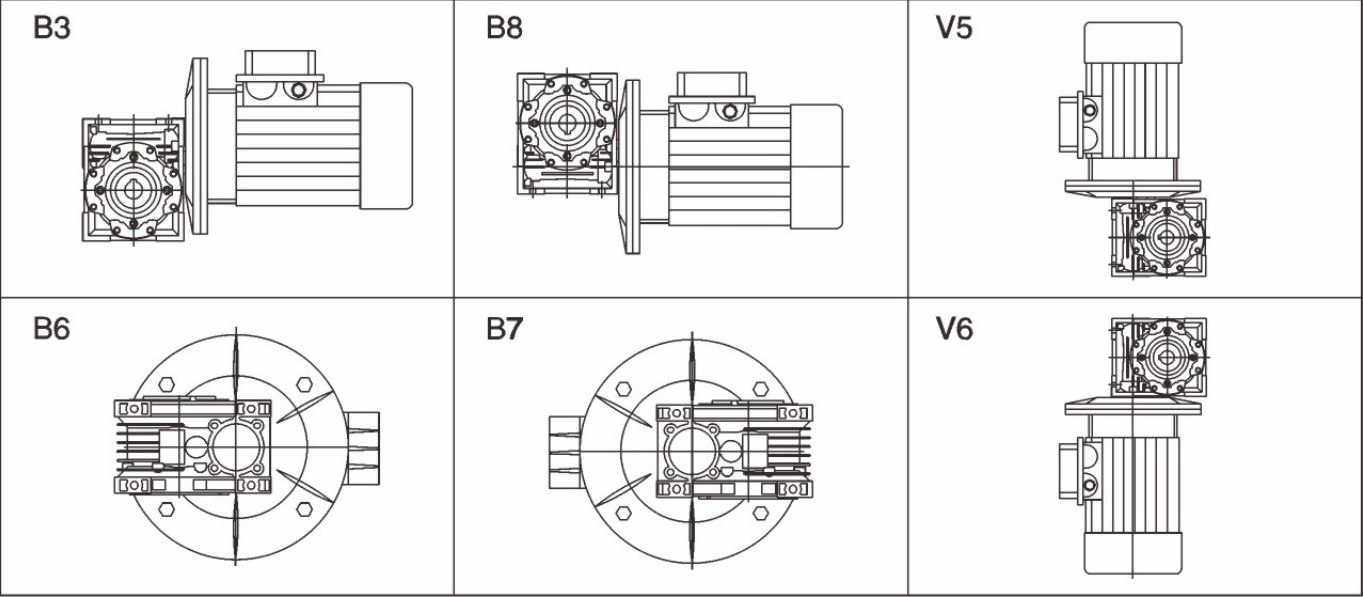
型号说明 Model notes

NMRV-063-30-VS-F1 (FA)-AS-80B5-0.55kW-B3			
NMRV	蜗轮减速机 Worm gear speed reducer		
NRV	蜗轮减速机(配接输入轴) Worm gear speed reducer (Mounting input shaft)		
063	蜗轮减速机中心距 Center distance		
30	减速比 Reduction ratio		
VS	双向输入轴 Double input shaft	F1 (FA)	输出法兰位置及型号 Output flange
AS	单向输出轴 Single output shaft	AB	双向输出轴 Double output shaft
PAM	电机联接 Fitted for motor coupling	80B5	电机机座号和安装结构形式 Motor mounting facility
0.55kW	电机功率 Electric motor power	B3	安装方位 Mounting position

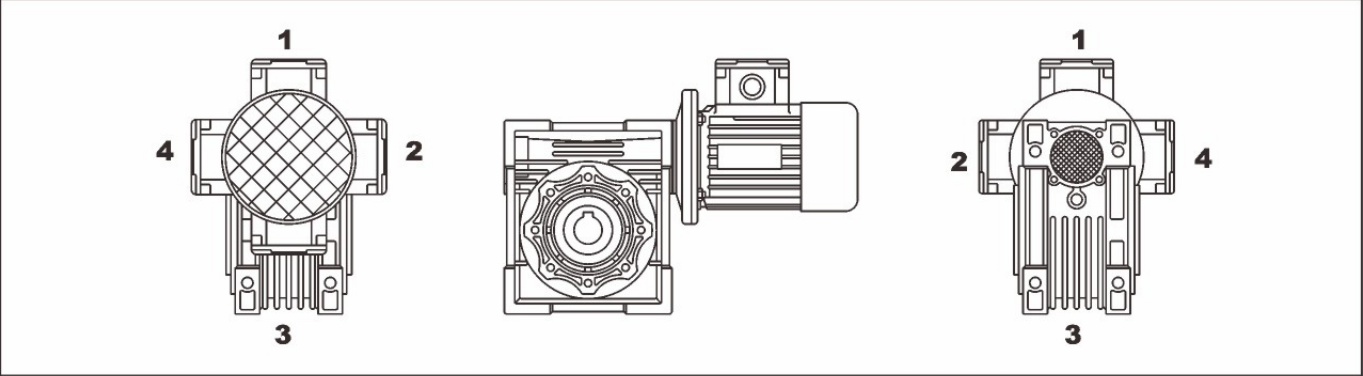
国内外型号对照 Comparative table of model

本企业 Our enterprise	NMRV025	NMRV030	NMRV040	NMRV050	NMRV063	NMRV075	NMRV090	NMRV110	NMRV130	NMRV150
		NRV030	NRV040	NRV050	NRV063	NRV075	NRV090	NRV110	NRV130	NRV150
国内企业 Domestic	NMRV025	NMRV030	NMRV040	NMRV050	NMRV063	NMRV075	NMRV090	NMRV110	NMRV130	NMRV150
		NRV030	NRV040	NRV050	NRV063	NRV075	NRV090	NRV110	NRV130	NRV150
	WJ25	WJ30	WJ40	WJ50	WJ63	WJ75	WJ90	WJ110	WJ130	WJ150
	FCNDK25	FCNDK30	FCNDK40	FCNDK50	FCNDK63	FCNDK75	FCNDK90	FCNDK110	FCNDK130	FCNDK150
		FCNK30	FCNK40	FCNK50	FCNK63	FCNK75	FCNK90	FCNK110	FCNK130	FCNK150
	JRSTD025	JRSTD030	JRSTD040	JRSTD050	JRSTD063	JRSTD075	JRSTD090	JRSTD110	JRSTD130	JRSTD150
		JRST030	JRST040	JRST050	JRST063	JRST075	JRST090	JRST110	JRST130	JRST150

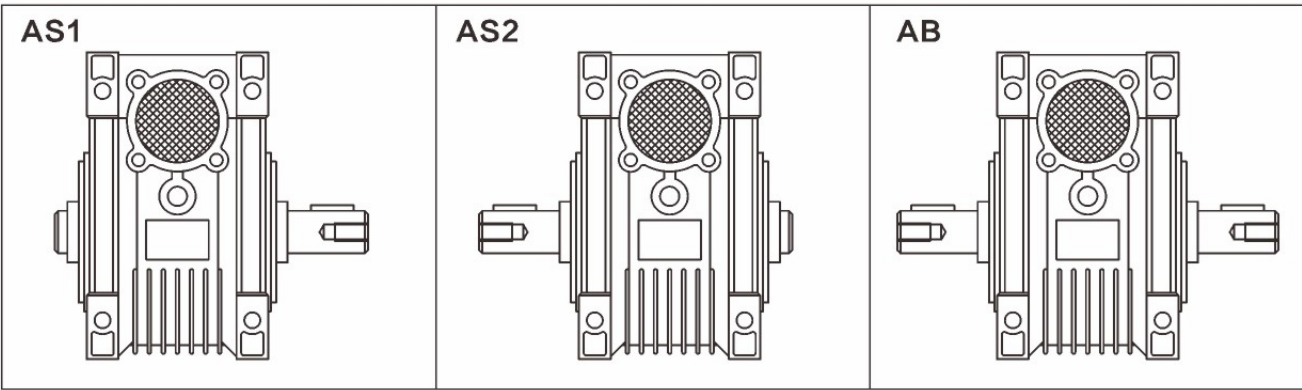
单级安装型式 Single Step Mounting Positions



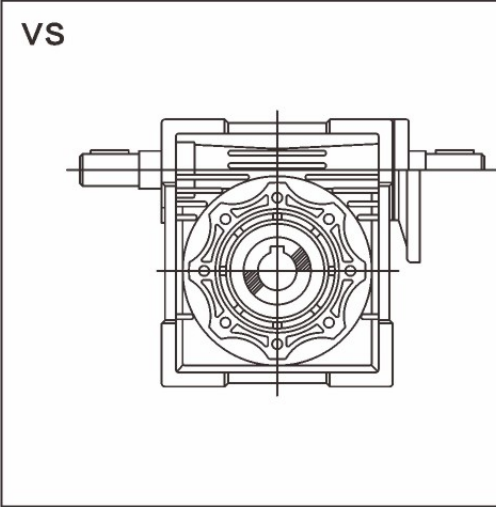
接线盒安装方式 Position of terminal box



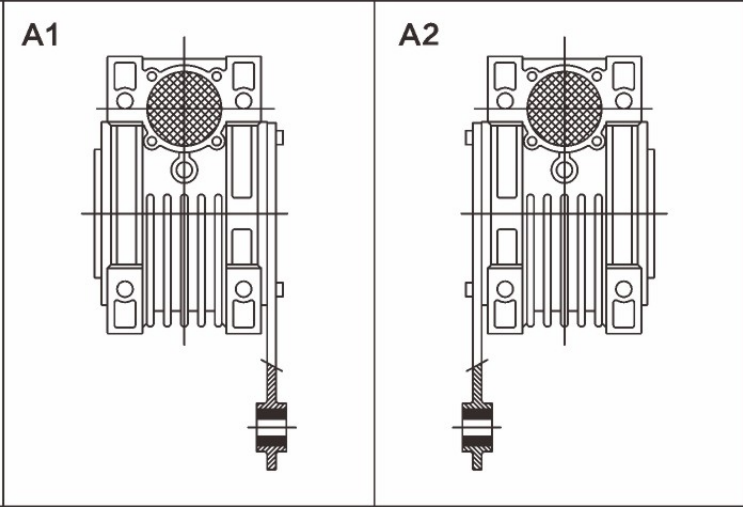
输出轴配置 Position of output shaft



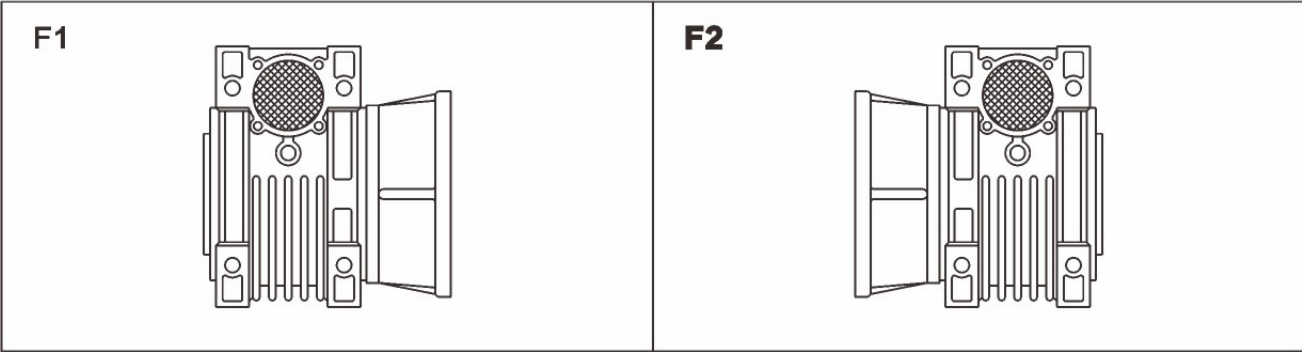
双向输入轴
Double extension worm shaft



扭力臂配置
Position of torque arm



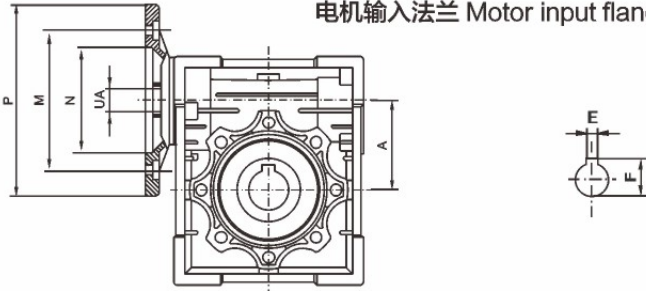
法兰位置 Flange F-FL



安装尺寸 Mounting dimensions

单级蜗杆减速机
Single step worm gear reducer

电机输入法兰 Motor input flange



中心距 Center Distance A	电机法兰 Motor Flange						输入轴孔直径UA The Hole Diameter of Shaft													
	PAM IEC	N	M	P	E	F	传动比 i Transmission Ratio													
							5	7.5	10	15	20	25	30	40	50	60	80	100		
NMRV025	56B14	50	65	80	3	10.4	9	9	9	9	9	-	9	9	9	9	-	-		
NMRV030	63B5	95	115	140	4	12.8	11	11	11	11	11	11	11	11	11	11	11	11		
	63B14	60	75	90																
	56B5	80	100	120																
NMRV040	56B14	50	65	80	3	10.4	9	9	9	9	9	9	9	9	9	9	9	9		
	71B5	110	130	160																
	71B14	70	85	105																
NMRV050	63B5	95	115	140	4	12.8	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	63B14	60	75	90																
	56B5	80	100	120																
NMRV063	80B5	130	165	200	6	21.8	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	80B14	80	100	120																
	71B5	110	130	160																
NMRV075	100/112B5	180	215	250	8	31.3	-	28	28	28	28	28	28	28	28	28	28	28	28	28
	100/112B14	110	130	160																
	90B5	130	165	200																
NMRV090	90B14	95	115	140	8	27.3	-	24	24	24	24	24	24	24	24	24	24	24	24	24
	80B5	130	165	200																
	80B14	80	100	120																
NMRV110	100/112B5	180	215	250	8	31.3	-	28	28	28	28	28	28	28	28	28	28	28	28	28
	100/112B14	110	130	160																
	90B5	130	165	200																
NMRV130	132B5	230	265	300	10	41.1	-	38	38	38	38	38	38	38	38	38	38	38	38	38
	132B14	130	165	200																
	100/112B5	180	215	250																
NMRV150	160B5	250	300	350	12	45.3	-	42	42	42	42	42	42	42	42	42	42	42	42	42
	132B5	230	265	300																
	132B14	130	165	200																

选型参数 Parameter selections

单级减速机(法兰输入, 输入转速1400r/min)/(配4极电机)
Single step reducer (flange input, input speed is 1400r/min)/(matched with 4 poles motor)

机型号 Model	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	使用系数 f.s.
0.06kw					
NMRV25	186.7	2.6	7.5	0.50	4.2
	140	3.4	10	0.55	3.5
	93.3	4.9	15	0.63	2.5
	70	6.1	20	0.69	2.0
	46.7	8.2	30	0.79	1.6
	35	10	40	0.87	1.3
	28	12	50	0.94	0.9
NMRV30	23.3	14	60	1.00	0.7
	186.7	2.6	7.5	0.68	6.9
	140	3.4	10	0.75	5.4
	93.3	4.7	15	0.86	3.8
	70	6	20	0.94	3.0
	56	7	25	1.02	3.0
	46.7	8	30	1.08	2.5
NMRV30	35	9.7	40	1.19	1.9
	28	11	50	1.28	1.5
	23.3	13	60	1.36	1.3
	17.5	14	80	1.50	0.9
0.09kw					
NMRV25	186.7	3.9	7.5	0.50	2.8
	140	5.1	10	0.55	2.4
	93.3	7.3	15	0.63	1.6
	70	9.2	20	0.69	1.3
	46.7	12	30	0.79	1.1
	35	15	40	0.87	0.9
	28	17	50	1.28	1.0
NMRV30	23.3	19	60	1.36	0.9
	186.7	3.9	7.5	0.68	4.6
	140	5	10	0.75	3.6
	93.3	7.1	15	0.86	2.5
	70	9	20	0.94	2.0
	56	10	25	1.02	2.0
	46.7	12	30	1.08	1.7
NMRV40	35	14	40	1.19	1.2
	28	17	50	1.28	1.0
	23.3	19	60	1.36	0.9
	28	19	50	2.47	2.0
	23.3	21	60	2.63	1.7
	17.5	26	80	2.89	1.3
	14	29	100	3.11	1.0
0.12kw					
NMRV30	186.7	5.2	7.5	0.68	3.4
	140	6.7	10	0.75	2.7
	93.3	9.5	15	0.86	1.9
	70	12	20	0.94	1.5
	56	14	25	1.02	1.5
	46.7	16	30	1.08	1.3
	35	19	40	1.19	0.9
NMRV40	28	23	50	1.28	0.8
	46.7	17.2	30	2.08	2.6
	35	21	40	2.29	1.9
0.12kw					
NMRV40	186.7	25	50	2.47	1.5
	23.3	28	60	2.63	1.3
	17.5	34	80	2.89	1.0
	14	38	100	3.11	0.8
	23.3	29	60	3.61	2.3
	17.5	35	80	3.97	1.9
	14	40	100	4.28	1.4
0.18kw					
NMRV30	186.7	7.8	7.5	0.68	2.3
	140	10	10	0.75	1.8
	93.3	14	15	0.86	1.3
	70	18	20	0.94	1.0
	56	21	25	1.02	1.0
	46.7	24	30	1.08	0.8
	35	26	40	1.19	0.7
NMRV40	28	29	50	1.28	0.6
	23.3	32	60	1.36	0.5
	17.5	38	80	1.50	0.4
	14	43	100	1.61	0.3
	23.3	43	60	2.63	0.8
	17.5	52	80	3.97	1.2
	14	60	100	4.28	0.9
0.25kw					
NMRV40	186.7	11	7.5	1.31	3.6
	140	14	10	1.44	2.8
	93.3	21	15	1.65	1.9
	70	27	20	1.82	1.5
	56	32	25	1.96	1.2
	46.7	36	30	2.08	1.3
	35	44	40	2.29	0.9
NMRV50	28	37	50	2.47	0.8
	23.3	43	60	2.63	0.8
	17.5	52	80	3.97	1.2
	14	60	100	4.28	0.9
	23.3	43	60	3.61	1.6
	17.5	52	80	3.97	1.2
	14	60	100	4.28	0.9
0.37kw					
NMRV40	186.7	16	7.5	1.31	2.4
	140	21	10	1.44	1.9
	93.3	31	15	1.65	1.3

单级减速机(法兰输入，输入转速1400r/min)/(配4极电机)

Single step reducer (flange input, input speed is 1400r/min)/(matched with 4 poles motor)

机型号 Model	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	使用系数 f.s.
0.37kw					
NMRV40	70	39	20	1.82	1.0
	56	47	25	1.96	0.8
	46.7	53	30	2.08	0.8
NMRV50	140	21	10	1.98	3.3
	93.3	31	15	2.27	2.4
	70	40	20	2.5	1.8
	56	48	25	2.69	1.5
	46.7	55	30	2.86	1.5
	35	68	40	3.15	1.1
	28	80	50	3.39	0.9
	23.3	89	60	3.61	0.8
NMRV63	35	70	40	4.12	2.1
	28	83	50	4.44	1.6
	23.3	94	60	4.71	1.4
	17.5	115	80	5.19	1.1
	14	129	100	5.59	0.9
0.55kw					
NMRV50	186.7	25	7.5	1.8	2.9
	140	32	10	1.98	2.2
	93.3	46	15	2.27	1.6
	70	59	20	2.5	1.2
	56	71	25	2.69	1.0
	46.7	81	30	2.86	1.0
	35	80	40	3.15	0.9
NMRV63	70	60	20	3.27	2.2
	56	73	25	3.52	1.8
	46.7	83	30	3.74	1.9
	35	105	40	4.12	1.4
	28	124	50	4.44	1.1
NMRV75	23.3	140	60	4.71	0.9
	35	108	40	4.86	2.0
	28	129	50	5.24	1.6
	23.3	146	60	5.56	1.4
	17.5	180	80	6.13	1.1
NMRV90	14	206	100	6.60	0.9
	17.5	189	80	6.78	1.5
	14	221	100	7.30	1.2
0.75kw					
NMRV50	186.7	34	7.5	1.80	2.1
	140	44	10	1.98	1.6
	93.3	63	15	2.27	1.2
	70	81	20	2.50	0.9
NMRV63	93.3	63	15	2.97	2.2
	70	83	20	3.27	1.6
	56	100	25	3.52	1.3
	46.7	114	30	3.74	1.4
	35	143	40	4.12	1.0
NMRV75	56	102	25	4.16	2.0
	46.7	117	30	4.42	2.0
	35	147	40	4.86	1.5
	28	177	50	5.24	1.2
	23.3	200	60	5.56	1.0
NMRV90	28	184	50	5.79	1.8
	23.3	212	60	6.16	1.5

机型号 Model	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	使用系数 f.s.
0.75kw					
NMRV90	17.5	258	80	6.78	1.1
	14	302	100	7.30	0.9
1.1kw					
NMRV63	186.7	49	7.5	2.35	2.6
	140	65	10	2.59	2.0
	93.3	93	15	2.97	1.5
	70	122	20	3.27	1.1
	56	146	25	3.52	0.9
	46.7	167	30	3.74	1.0
	35	165	40	3.59	0.9
	93.3	95	15	3.50	2.1
NMRV75	70	123	20	3.86	1.7
	56	150	25	4.16	1.3
	46.7	171	30	4.42	1.3
	35	216	40	4.86	1.0
	28	264	50	4.60	0.9
	23.3	223	60	4.89	0.8
NMRV90	35	225	40	5.38	1.6
	28	270	50	5.79	1.3
	23.3	311	60	6.16	1.0
	17.5	328	80	6.17	0.9
	28	281	50	7.32	2.3
NMRV110	23.3	324	60	7.78	1.9
	17.5	402	80	8.57	1.3
	14	473	100	9.23	1.0
1.5kw					
NMRV63	186.7	67	7.5	2.35	1.9
	140	89	10	2.59	1.5
	93.3	127	15	2.97	1.1
	70	166	20	3.27	0.8
	140	90	10	3.06	2.2
NMRV75	93.3	130	15	3.50	1.5
	70	168	20	3.86	1.3
	56	205	25	4.16	1.0
	46.7	233	30	4.42	1.0
	70	171	20	4.27	2.1
	56	210	25	4.60	1.6
NMRV90	46.7	239	30	4.89	1.7
	35	307	40	5.38	1.2
	28	368	50	5.79	0.9
	23.3	424	60	6.16	0.8
	35	319	40	6.80	2.2
	28	384	50	7.32	1.7
	23.3	442	60	7.78	1.4
	17.5	548	80	8.57	0.9
2.2kw					
NMRV75	186.7	100	7.5	2.78	1.8
	140	132	10	3.06	1.5
	93.3	191	15	3.50	1.0
	70	240	20	3.38	0.9
	46.7	269	30	3.89	0.8
NMRV90	186.7	101	7.5	3.08	2.9
	140	134	10	3.39	2.3
	93.3	194	15	3.88	1.9

单级减速机(法兰输入，输入转速1400r/min)/(配4极电机)

Single step reducer (flange input, input speed is 1400r/min)/(matched with 4 poles motor)

机型号 Model	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	使用系数 f.s.
2.2kw					
NMRV90	70	252	20	4.27	1.4
	56	308	25	4.60	1.1
	46.7	351	30	4.89	1.2
	35	433	40	4.90	1.0
NMRV110	28	393	50	5.28	0.9
	70	255	20	5.39	2.5
	56	315	25	5.81	2.2
	46.7	356	30	6.18	2.0
	35	468	40	6.8	1.5
	28	563	50	7.32	1.2
	23.3	648	60	7.78	1.0
	35	468	40	8.89	2.2
NMRV130	28	563	50	9.58	1.7
	23.3	648	60	10.18	1.4
	17.5	816	80	11.21	1.0
	14	869	100	10.62	0.8
	28	570	50	13.10	2.5
NMRV150	23.3	657	60	13.92	1.9
	17.5	816	80	15.32	1.4
	14	960	100	16.50	1.0
3kw					
NMRV75	186.7	136	7.5	2.78	1.4
	140	180	10	3.06	1.1
	93.3	261	15	3.50	0.8
NMRV90	186.7	138	7.5	3.08	2.1
	140	182	10	3.39	1.7
	93.3	264	15	3.88	1.4
	70	344	20	4.27	1.0
	56	420	25	4.60	0.8
	46.7	479	30	4.89	0.9
	93.3	264	15	4.90	2.5
NMRV110	70	348	20	5.39	1.9
	56	430	25	5.81	1.6
	46.7	485	30	6.18	1.5
	35	638	40	6.80	1.1
	28	767	50	7.32	0.9
	56	429	25	7.60	2.2
	46.7	491	30	8.08	2.1
	35	638	40	8.89	1.6
NMRV130	28	767	50	9.58	1.3
	23.3	884	60	10.18	1.0
	17.5	1113	80	11.21	0.8
	28	777	50	13.10	1.8
	23.3	896	60	13.92	1.4
	17.5	1113	80	15.32	1.0
	14	1310	100	16.50	0.8
4kw					
NMRV75	186.7	182	7.5	2.44	1.4
NMRV90	186.7	184	7.5	3.08	1.6
	140	243	10	3.39	1.3
	93.3	352	15	3.88	1.0
	70	458	20	4.27	0.8
NMRV110	140	242	10	4.28	2.5
	93.3	352	15	4.90	1.9
	70	464	20	5.39	1.4

机型号 Model	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	使用系数 f.s.
4kw					
NMRV110	56	573	25	5.81	1.2
	46.7	647	30	6.18	1.1
NMRV130	56	573	25	7.60	1.6
	46.7	655	30	8.08	1.6
	35	851	40	8.89	1.2
	28	1023	50	9.58	1.0
NMRV150	23.3	1179	60	10.18	0.8
	28	1036	50	13.10	1.4
	23.3	1195	60	13.92	1.1
	17.5	1484	80	15.32	0.8
5.5kw					
NMRV110	186.7	253	7.5	3.89	2.2
	140	334	10	4.28	1.8
	93.3	484	15	4.90	1.4
	70	638	20	5.39	0.9
	56	711	25	5.15	1.0
NMRV130	140	333	10	5.60	2.5
	93.3	490	15	6.41	1.9
	70	645	20	7.06	1.4
	56	788	25	7.60	1.2
	46.7	900	30	8.08	1.2
	35	1171	40	8.89	0.9
	28	1103	50	8.51	0.8
NMRV150	70	645	20	9.65	2.0
	56	788	25	10.40	1.5
	46.7	934	30	11.05	1.3
	35	1171	40	12.16	1.3
	28	1426	50	13.10	1.0
	23.3	1643	60	13.92	0.8
7.5kw					
NMRV110	186.7	345	7.5	3.89	1.6
	140	455	10	4.28	1.3
	93.3	660	15	4.90	1.0
NMRV130	186.7	349	7.5	5.09	2.1
	140	455	10	5.6	1.8
	93.3	668	15	6.41	1.4
	70	880	20	7.06	1.0
	56	1074	25	7.6	0.9
	46.7	1228	30	8.08	0.8
	35	1596	40	8.89	0.7
NMRV150	70	880	20	9.65	1.5
	56	1074	25	10.4	1.1
	46.7	1274	30	11.05	0.9
	35	1596	40	12.16	1.0
11kw					
NMRV150	186.7	512	7.5	6.96	2.3
	140	675	10	7.66	1.8
	93.3	990	15	8.77	1.3
	70	1291	20	9.65	1.0
	56	1576	25	10.4	0.8
15kw					
NMRV150	186.7	698	7.5	6.96	1.7
	140	921	10	7.66	1.3
	93.3	1351	15	8.77	0.9
	70	1760	20	9.65	0.7

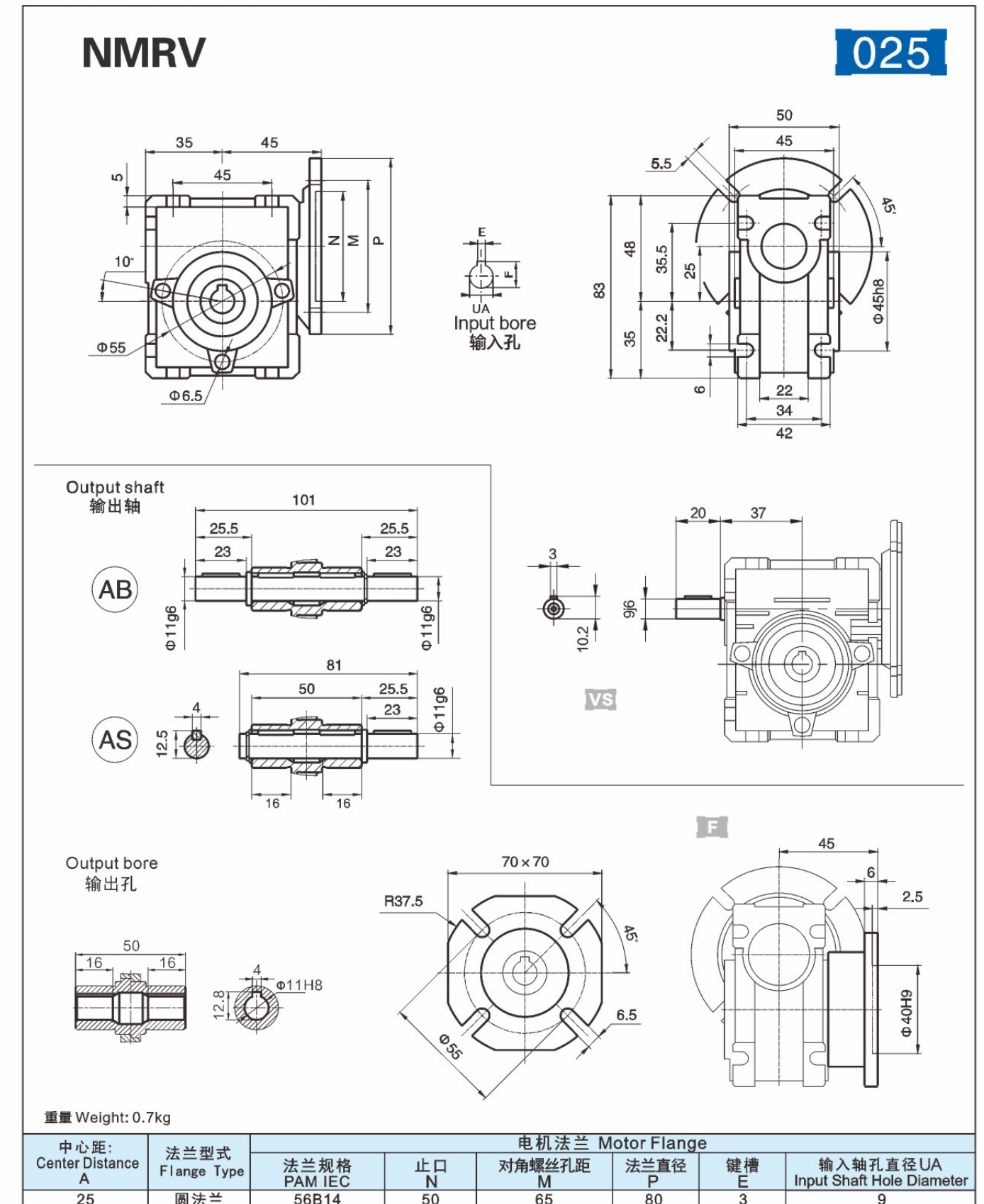
单级减速机(轴伸输入, 输入转速1400r/min)

Single step reducer (shaft extend input, input speed is 1400r/min)

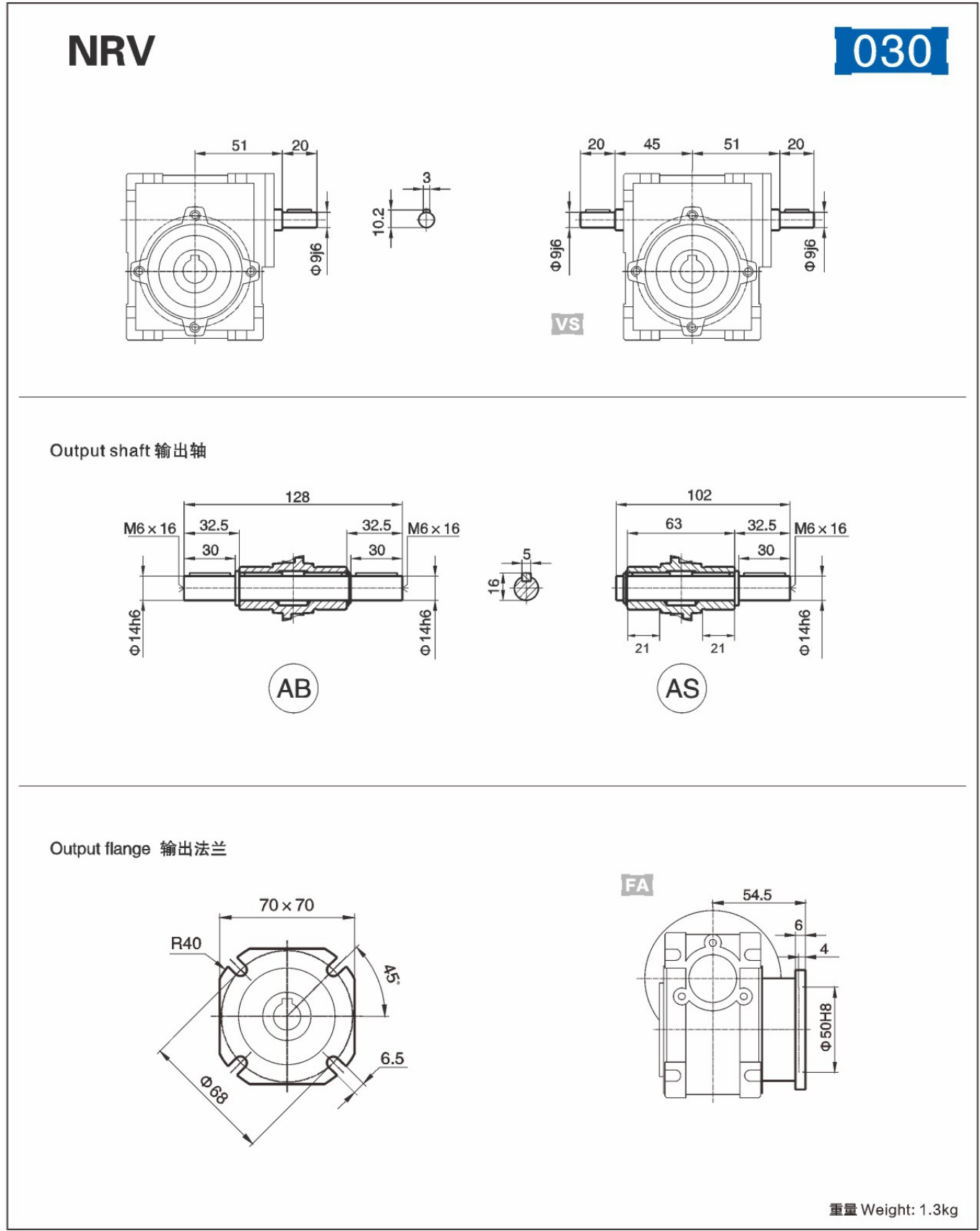
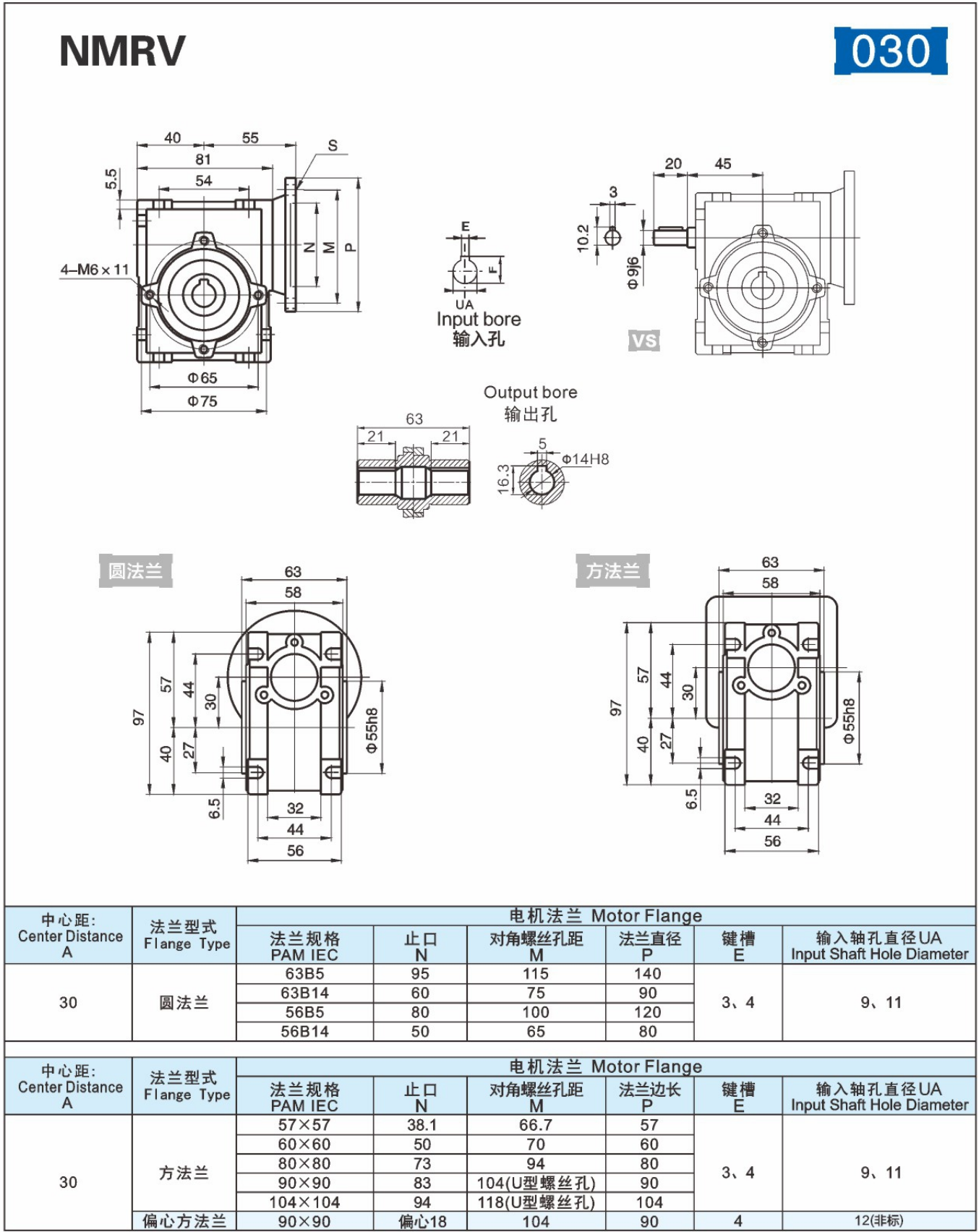
机 型 代 号 Model	输入轴 功率 kw	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传 动 比 i	输出轴 径向力 kN	输出轴 轴向力 kN
NRV30	0.4	186.7	18	7.5	0.68	0.15
	0.3	140	18	10	0.75	0.16
	0.2	93.3	18	15	0.86	0.16
	0.2	70	18	20	0.94	0.19
	0.2	56	21	25	1.02	0.21
	0.2	46.7	20	30	1.08	0.2
	0.1	35	18	40	1.19	0.21
	0.1	28	17	50	1.28	0.21
	0.1	23.3	16	60	1.36	0.21
	0.1	17.5	13	80	1.50	0.21
NRV40	0.9	186.7	40	7.5	1.31	0.29
	0.7	140	40	10	1.44	0.33
	0.5	93.3	40	15	1.65	0.33
	0.4	70	39	20	1.82	0.35
	0.3	56	38	25	1.96	0.35
	0.3	46.7	45	30	2.08	0.35
	0.2	35	41	40	2.29	0.35
	0.2	28	39	50	2.47	0.35
	0.2	23.3	36	60	2.63	0.35
	0.1	17.5	33	80	2.89	0.35
NRV50	1.6	186.7	71	7.5	1.80	0.4
	1.2	140	72	10	1.98	0.49
	0.9	93.3	74	15	2.27	0.49
	0.7	70	73	20	2.50	0.49
	0.5	56	70	25	2.69	0.49
	0.6	46.7	84	30	2.86	0.49
	0.4	35	76	40	3.15	0.49
	0.3	28	73	50	3.39	0.49
	0.3	23.3	68	60	3.61	0.49
	0.2	17.5	65	80	3.97	0.49
NRV63	2.8	186.7	128	7.5	2.35	0.5
	2.2	140	130	10	2.59	0.57
	1.6	93.3	140	15	2.97	0.61
	1.2	70	135	20	3.27	0.66
	1.0	56	130	25	3.52	0.70
	1.1	46.7	160	30	3.74	0.70
	0.8	35	145	40	4.12	0.70
	0.6	28	135	50	4.44	0.70
	0.5	23.3	130	60	4.71	0.70
	0.4	17.5	122	80	5.19	0.70
NRV75	0.3	14	118	100	5.59	0.70
	4.1	186.7	185	7.5	2.78	0.70
	3.2	140	195	10	3.06	0.83
	2.3	93.3	200	15	3.50	0.85
	1.9	70	210	20	3.86	0.98
	1.5	56	200	25	4.16	0.98
NRV90	1.5	46.7	230	30	4.42	0.99
	1.1	35	210	40	4.78	0.99

机型代号 Model	输入轴 功率 kw	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	输出轴 切向力 kN
NRV75	1.1	35	220	40	4.86	0.98
	0.9	28	210	50	5.24	0.98
	0.8	23.3	200	60	5.56	0.98
	0.6	17.5	190	80	6.13	0.98
	0.5	14	180	100	6.60	0.98
NRV90	6.3	186.7	290	7.5	3.08	0.9
	5.1	140	310	10	3.39	1.08
	4.1	93.3	360	15	3.88	1.25
	2.4	56	340	25	4.60	1.27
	2.6	46.7	410	30	4.89	1.27
	1.8	35	360	40	5.38	1.27
	1.4	28	340	50	5.79	1.27
	1.1	23.3	320	60	6.16	1.27
	0.8	17.5	285	80	6.78	1.27
	0.7	14	270	100	7.30	1.27
NRV110	12	186.7	552	7.5	3.89	1.20
	9.8	140	598	10	4.28	1.46
	7.5	93.3	656	15	4.90	1.60
	5.6	70	644	20	5.39	1.70
	4.7	56	679	25	5.81	1.70
	4.5	46.7	725	30	6.18	1.70
	3.3	35	702	40	6.80	1.70
	2.6	28	660	50	7.32	1.70
	2.1	23.3	616	60	7.78	1.70
	1.4	17.5	515	80	8.57	1.70
	1.1	14	483	100	9.23	1.70
NRV130	16.1	186.7	750	7.5	5.09	1.50
	13.5	140	820	10	5.60	1.84
	10.3	93.3	920	15	6.41	2.07
	7.8	70	910	20	7.06	2.10
	6.5	56	930	25	7.60	2.10
	6.4	46.7	1040	30	8.08	2.10
	4.9	35	1050	40	8.89	2.10
	3.8	28	980	50	9.58	2.10
	3.1	23.3	900	60	10.18	2.10
	2.3	17.5	840	80	11.21	2.10
	1.7	14	740	100	12.07	2.10
NRV150	25.8	186.7	1200	7.5	6.96	1.95
	20.2	140	1240	10	7.66	2.26
	13.9	93.3	1250	15	8.77	2.28
	11.1	70	1300	20	9.65	2.67
	8.4	56	1200	25	10.40	2.80
	7.1	46.7	1200	30	11.05	2.80
	7.3	35	1550	40	12.16	2.80
	5.4	28	1400	50	13.10	2.80
	4.2	23.3	1260	60	13.92	2.80
	3.1	17.5	1150	80	15.32	2.80
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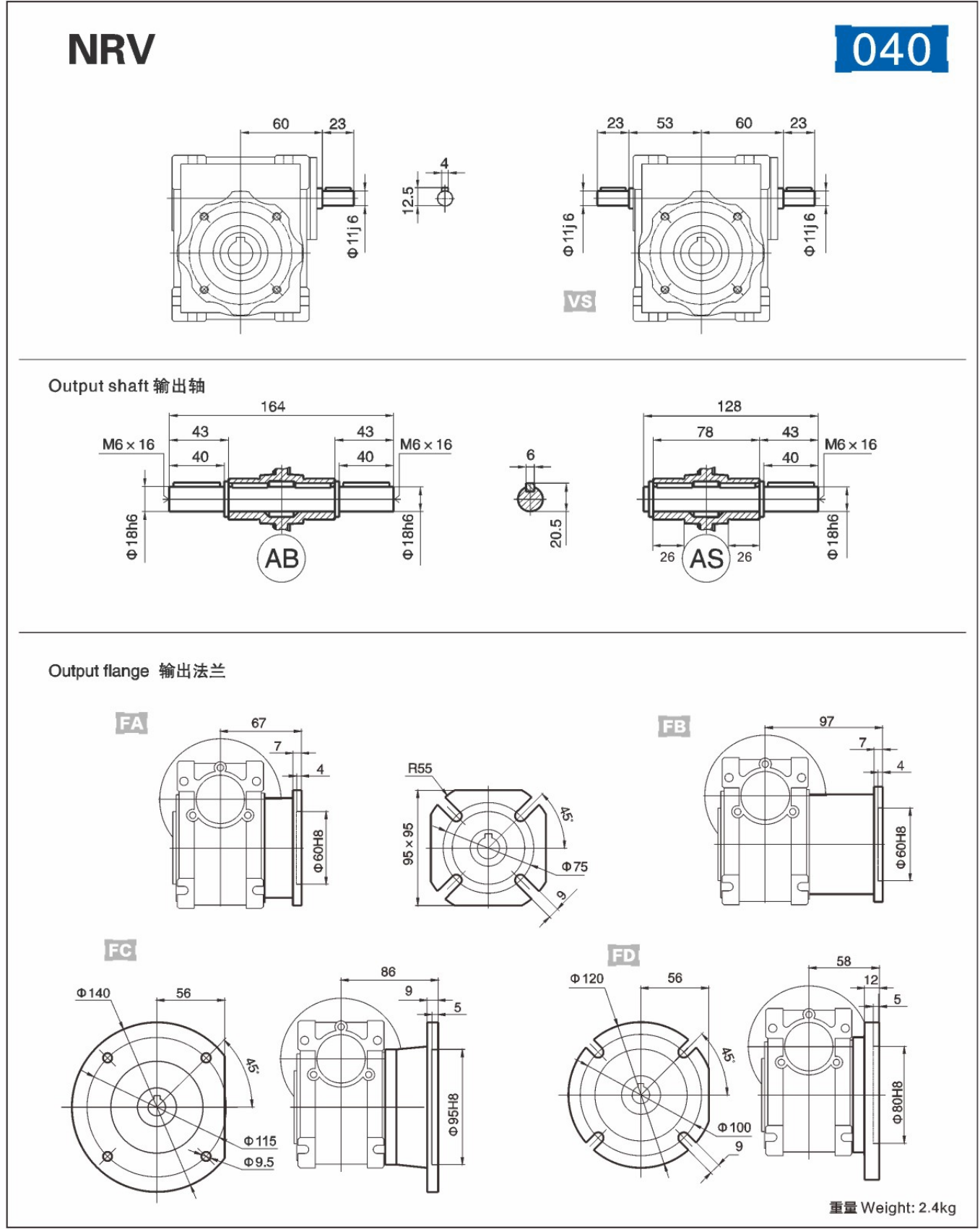
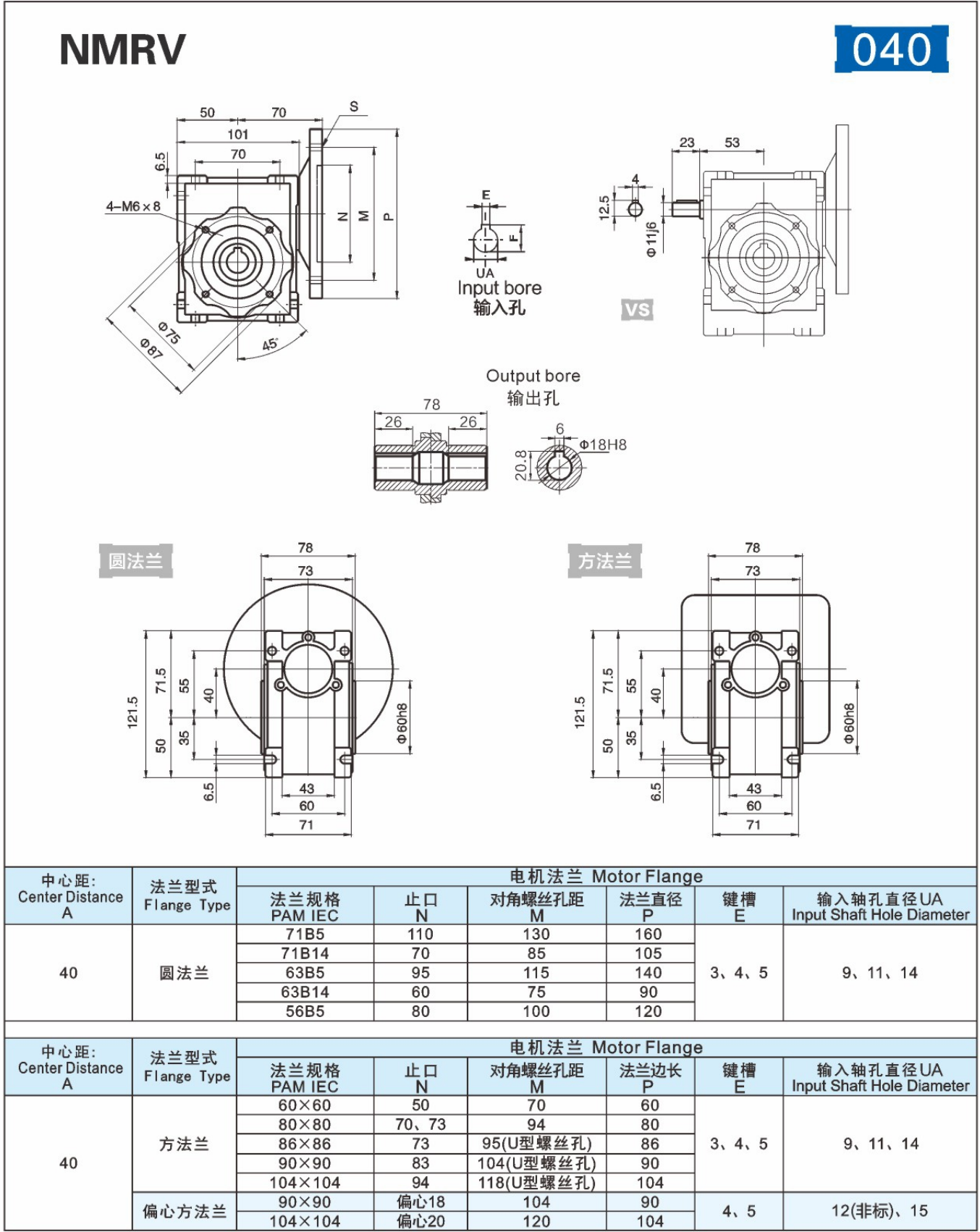
减速机外型尺寸 Dimensions



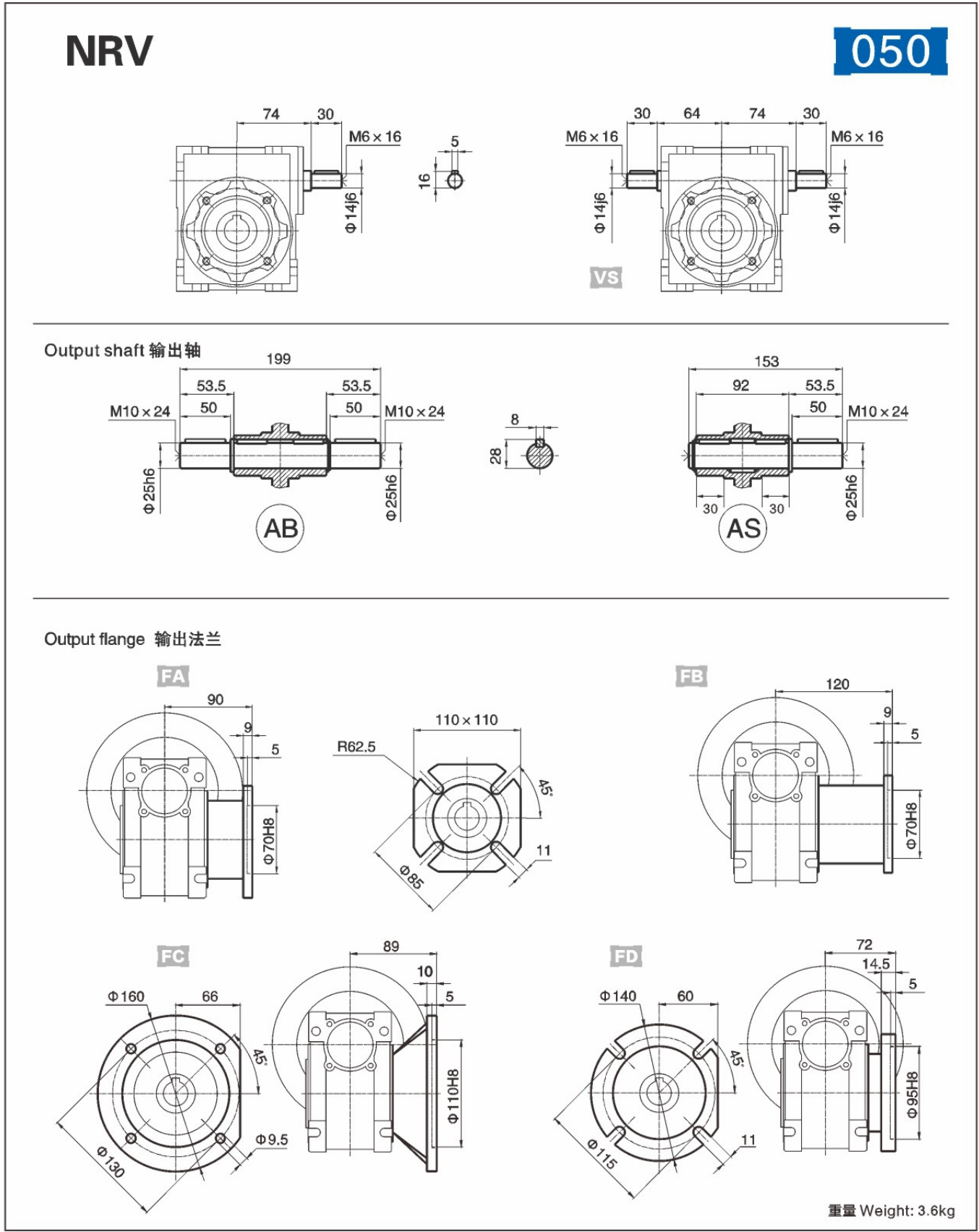
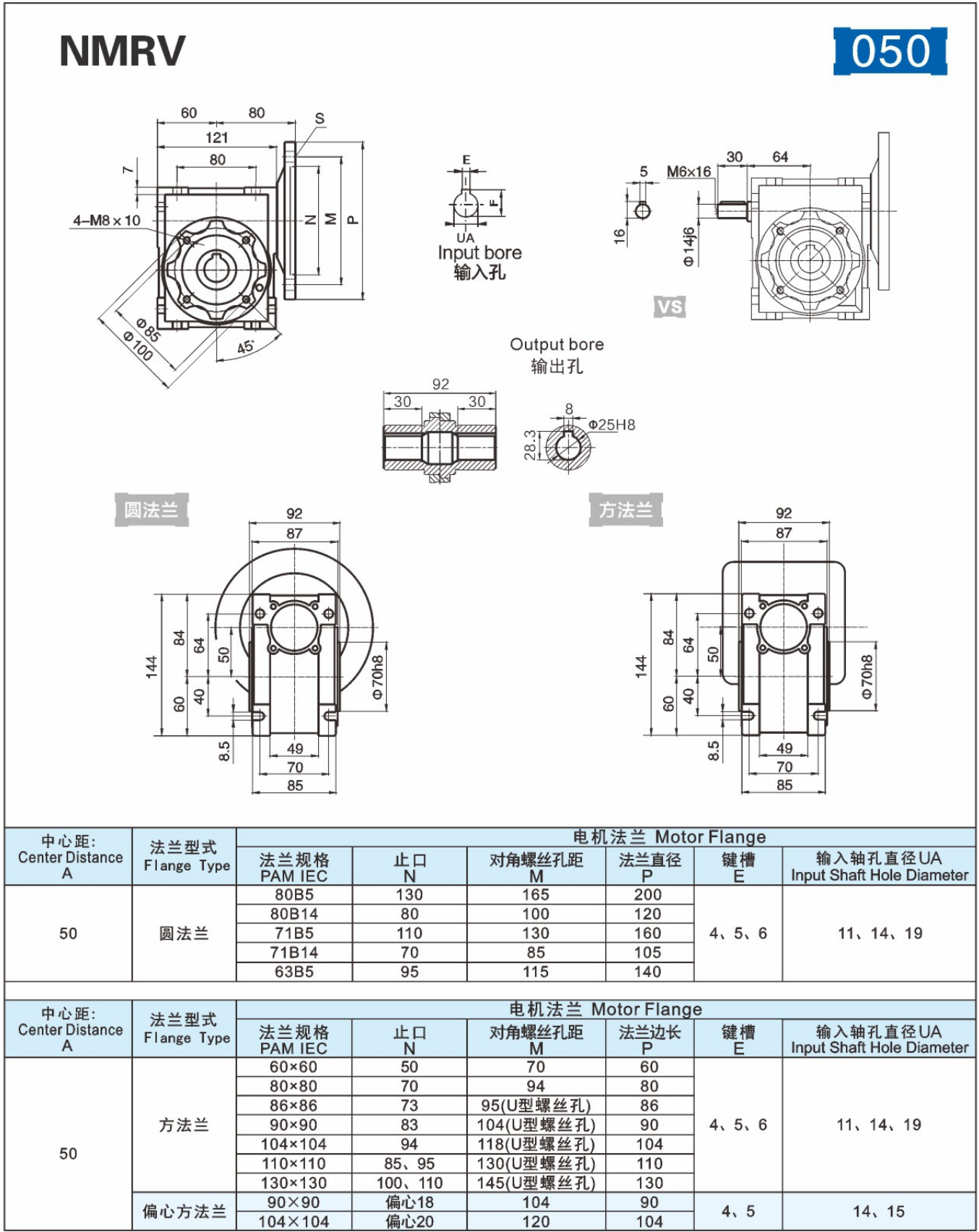
减速机外型尺寸 Dimensions



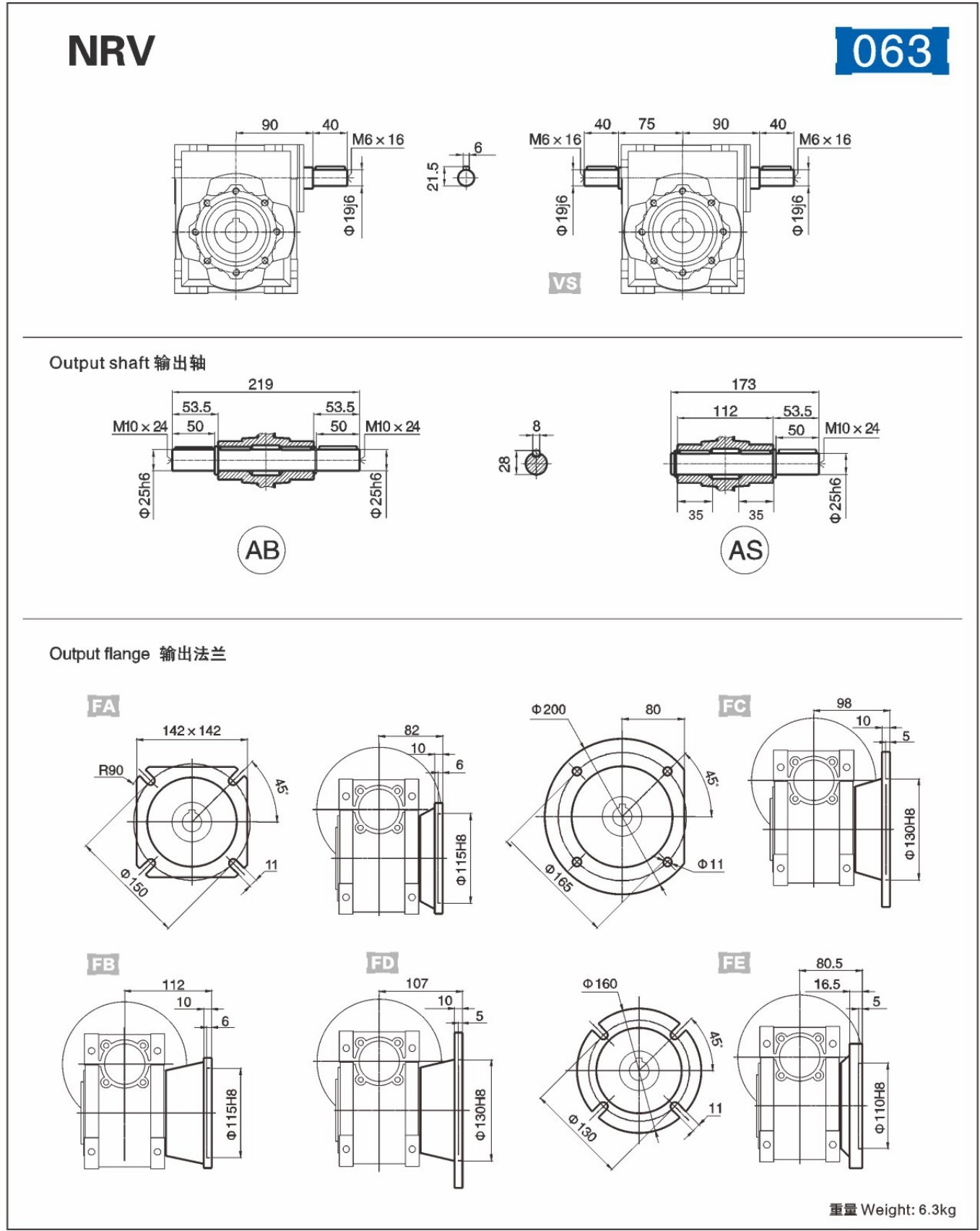
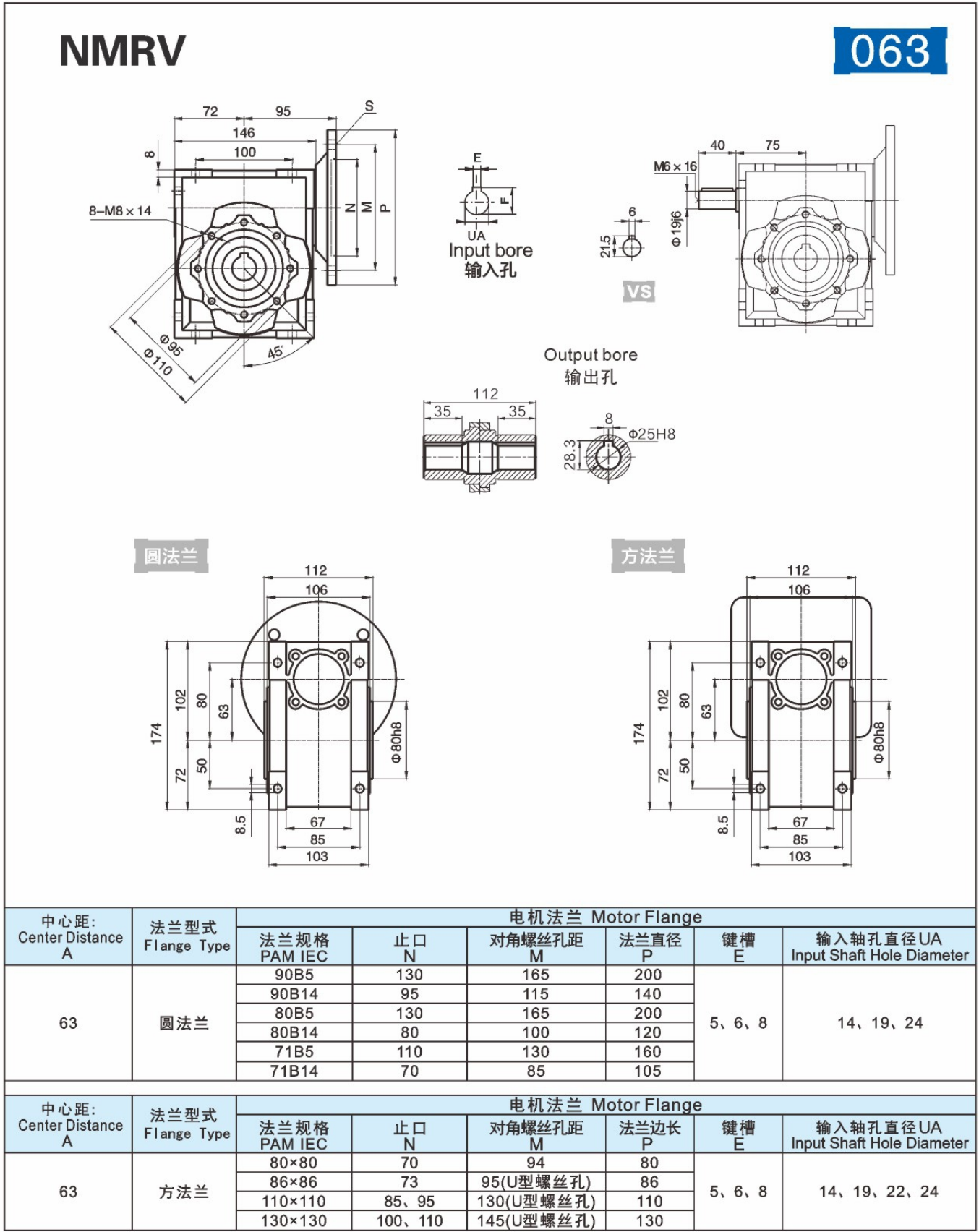
减速机外型尺寸 Dimensions



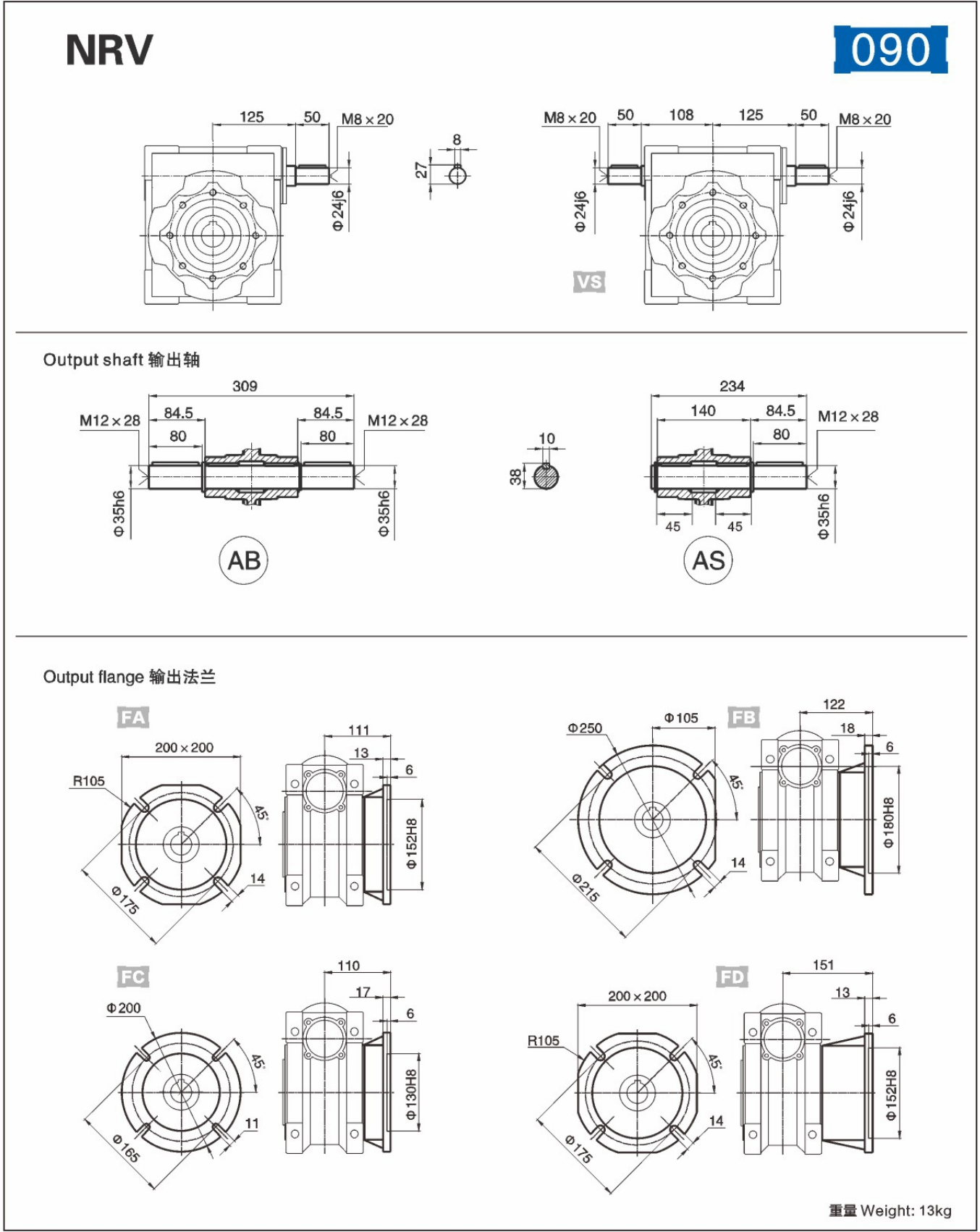
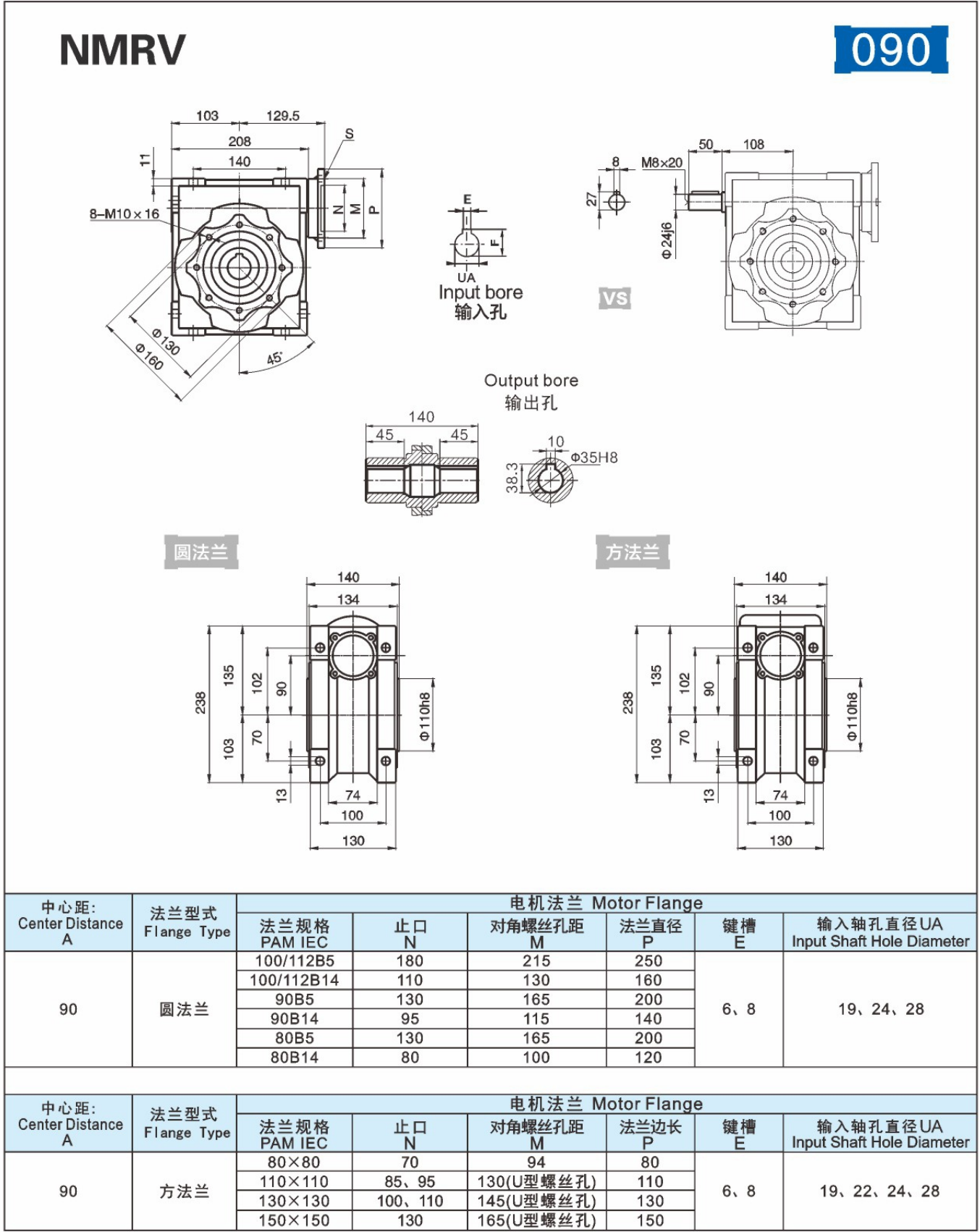
减速机外型尺寸 Dimensions



减速机外型尺寸 Dimensions



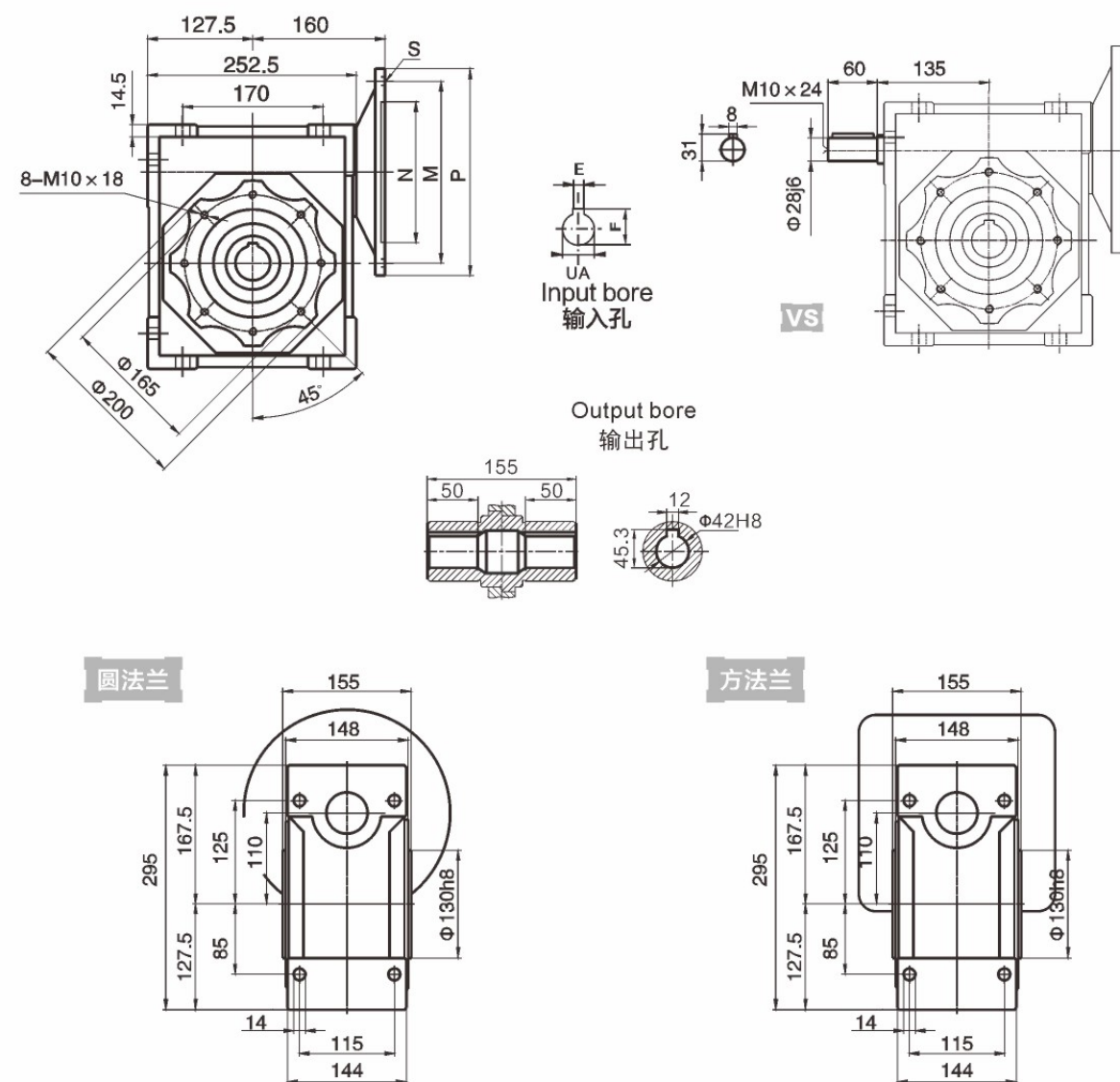
减速机外型尺寸 Dimensions



减速机外型尺寸 Dimensions

NMRV

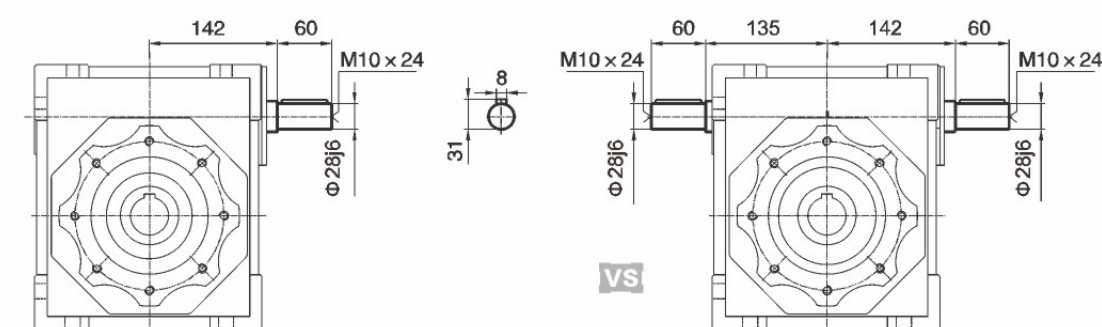
110



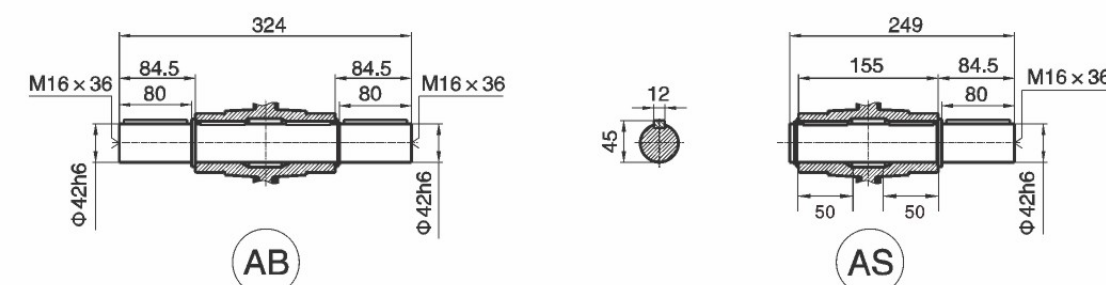
中心距: Center Distance A	法兰型式 Flange Type	电机法兰 Motor Flange					
		法兰规格 PAM IEC	止口 N	对角螺丝孔距 M	法兰直径 P	键槽 E	输入轴孔直径 UA Input Shaft Hole Diameter
110	圆法兰	132B5	230	265	300	6、8、10	19、24、28、38
		132B14	130	165	200		
		100/112B5	180	215	250		
		90B5	130	165	200		
		90B14	95	115	140		
		80B5	130	165	200		
中心距: Center Distance A	法兰型式 Flange Type	电机法兰 Motor Flange					
		法兰规格 PAM IEC	止口 N	对角螺丝孔距 M	法兰边长 P	键槽 E	输入轴孔直径 UA Input Shaft Hole Diameter
110	方法兰	130×130	100、110	145(U型螺丝孔)	130	8、10	22、24、28、35、38
		180×180	114、3	200	180		

NRV

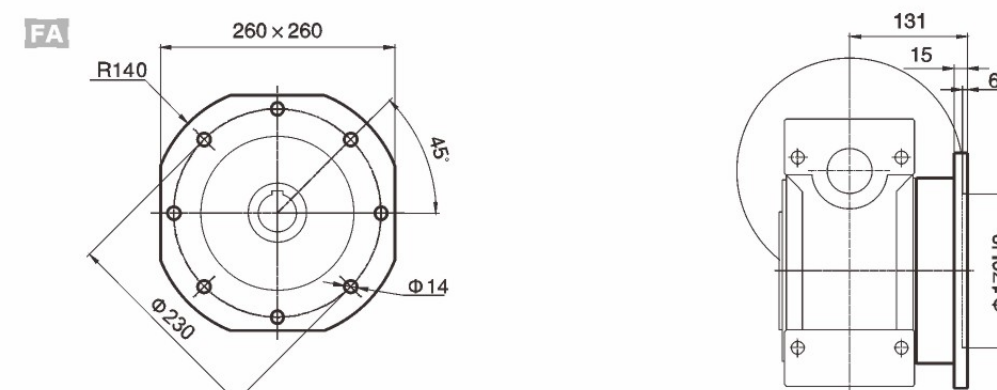
110



Output shaft 输出轴



Output flange 输出法兰

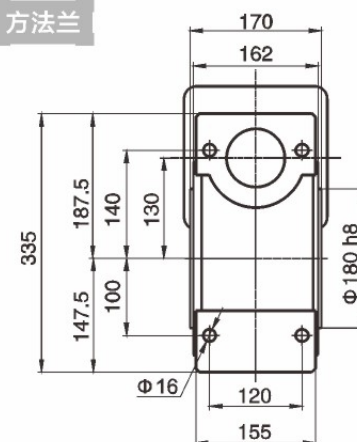
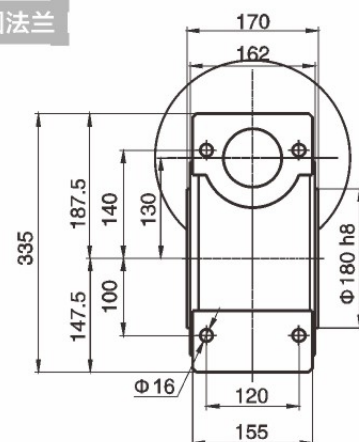
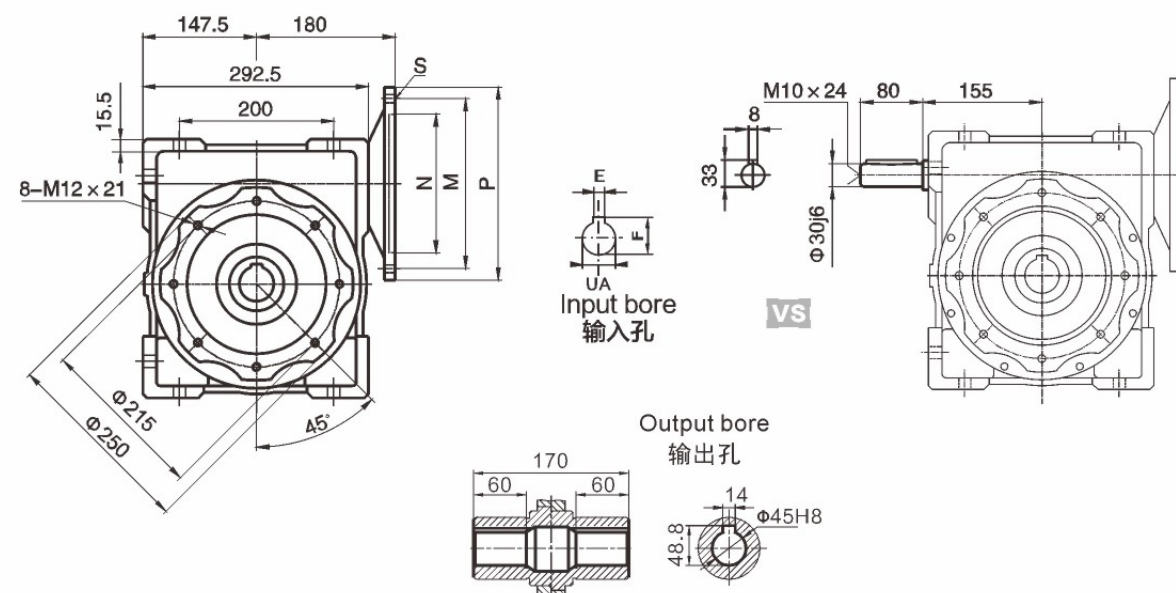


重量 Weight: 40kg

减速机外型尺寸 Dimensions

NMRV

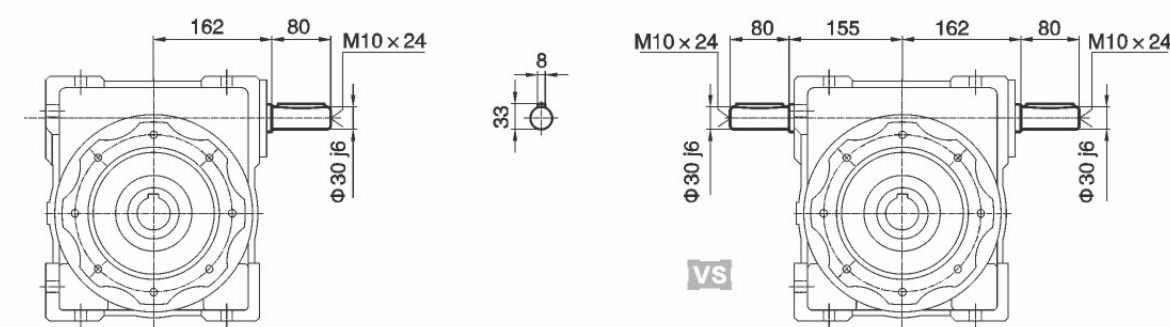
130



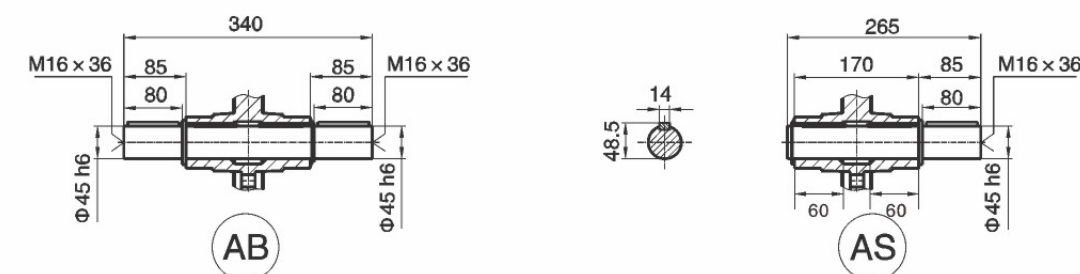
中心距: Center Distance A	法兰型式 Flange Type	电机法兰 Motor Flange					
		法兰规格 PAM IEC	止口 N	对角螺丝孔距 M	法兰直径 P	键槽 E	输入轴孔直径UA Input Shaft Hole Diameter
130	圆法兰	132B5	230	265	300	8、10	24、28、38
		132B14	130	165	200		
		100/112B5	180	215	250		
		90B5	130	165	200		
		90B14	95	115	140		
中心距: Center Distance A	法兰型式 Flange Type	电机法兰 Motor Flange					
		法兰规格 PAM IEC	止口 N	对角螺丝孔距 M	法兰边长 P	键槽 E	输入轴孔直径UA Input Shaft Hole Diameter
130	方法兰	130×130	100、110	145(U型螺丝孔)	130	8、10	22、24、28、35、38
		180×180	114、3	200	180		

NRV

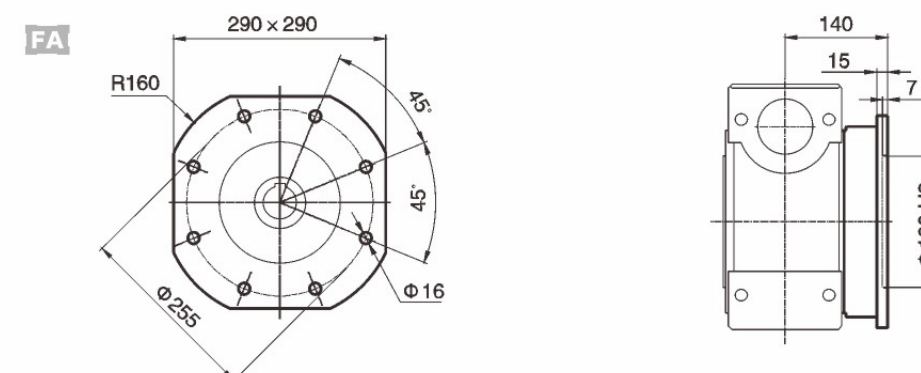
130



Output shaft 输出轴



Output flange 输出法兰

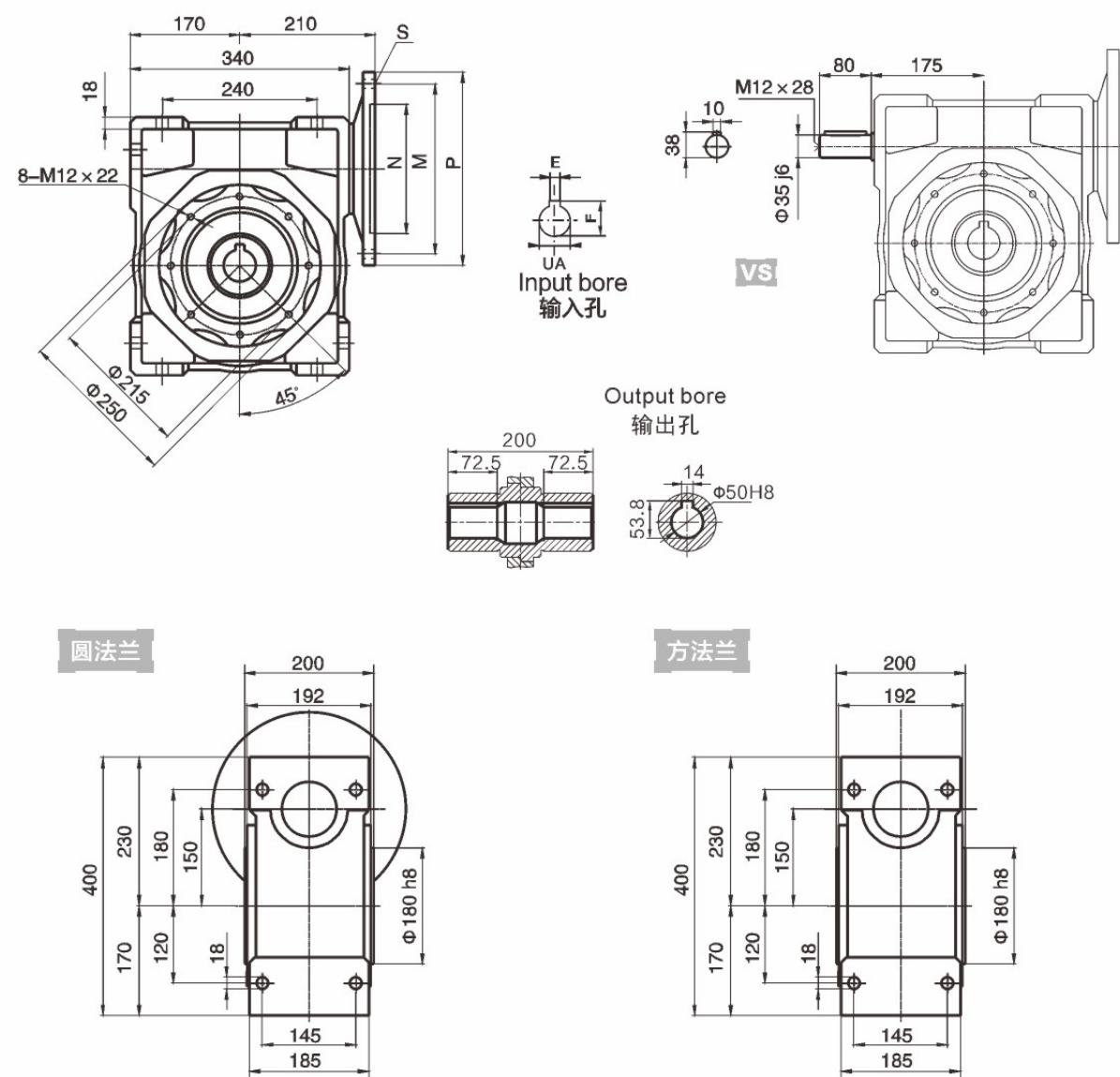


重量 Weight: 50kg

减速机外型尺寸 Dimensions

NMRV

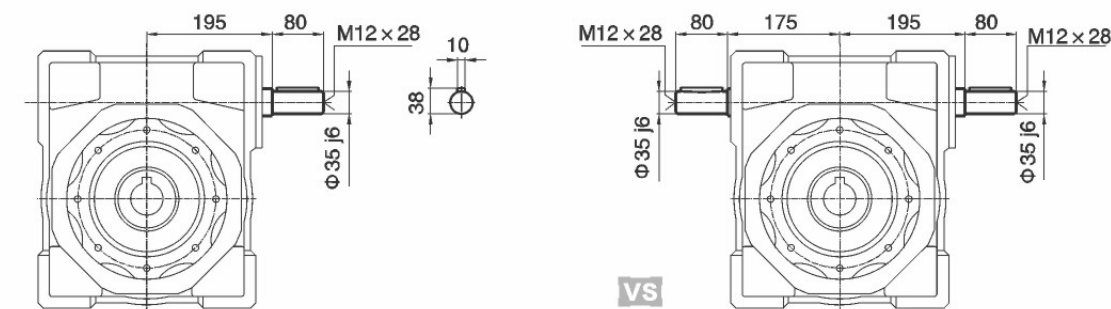
150



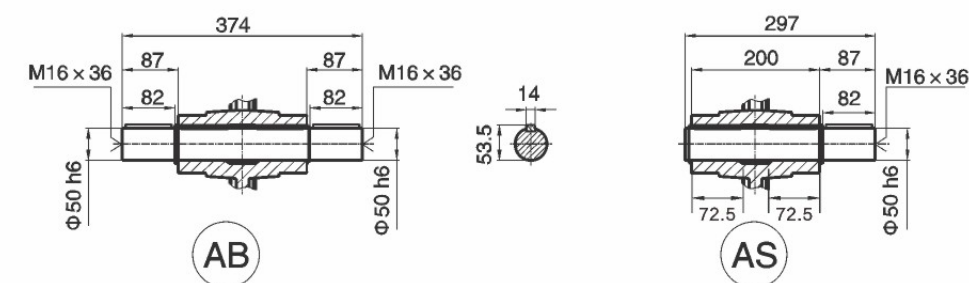
中心距: Center Distance A	法兰型式 Flange Type	电机法兰 Motor Flange					
		法兰规格 PAM IEC	止口 N	对角螺丝孔距 M	法兰直径 P	键槽 E	输入轴孔直径 UA Input Shaft Hole Diameter
150	圆法兰	160B5	250	300	350	8、10、12	28、35、38、42
		132B5	230	265	300		
		132B14	130	165	200		
		100/112B5	180	215	250		
中心距: Center Distance A	法兰型式 Flange Type	电机法兰 Motor Flange					
		法兰规格 PAM IEC	止口 N	对角螺丝孔距 M	法兰边长 P	键槽 E	输入轴孔直径 UA Input Shaft Hole Diameter
150	方法兰	180×180	114.3	200	180	8、10、12	28、35、38、42
		220×220	200	235	220		42

NRV

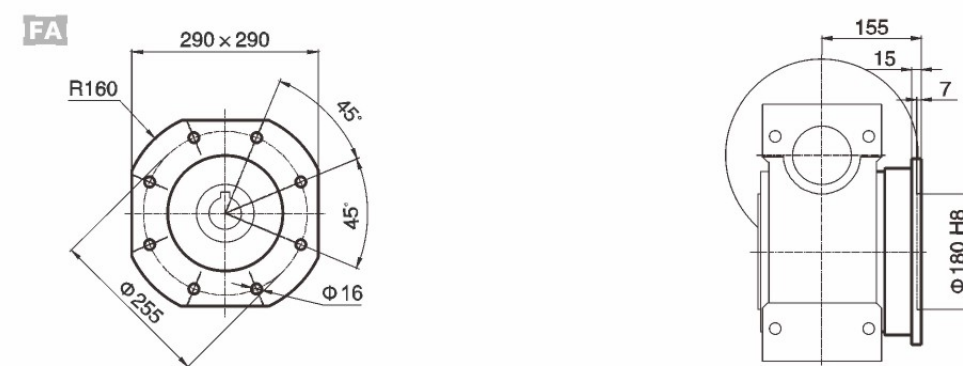
150



Output shaft 输出轴

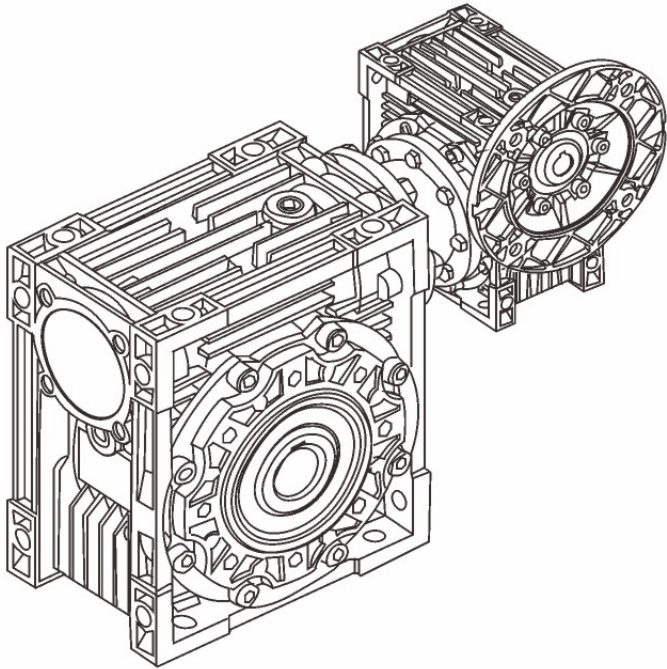


Output flange 输出法兰



重量 Weight: 84kg

NMRV-NMRV

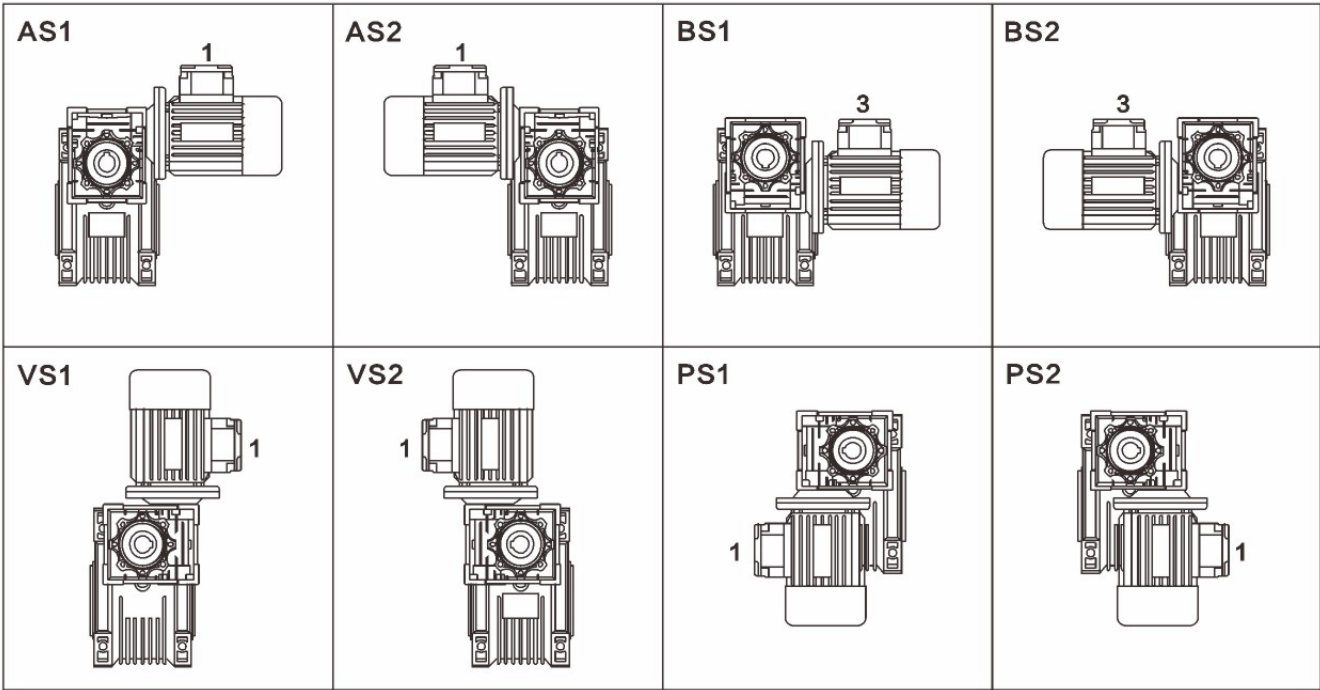


NMRV-NMRV

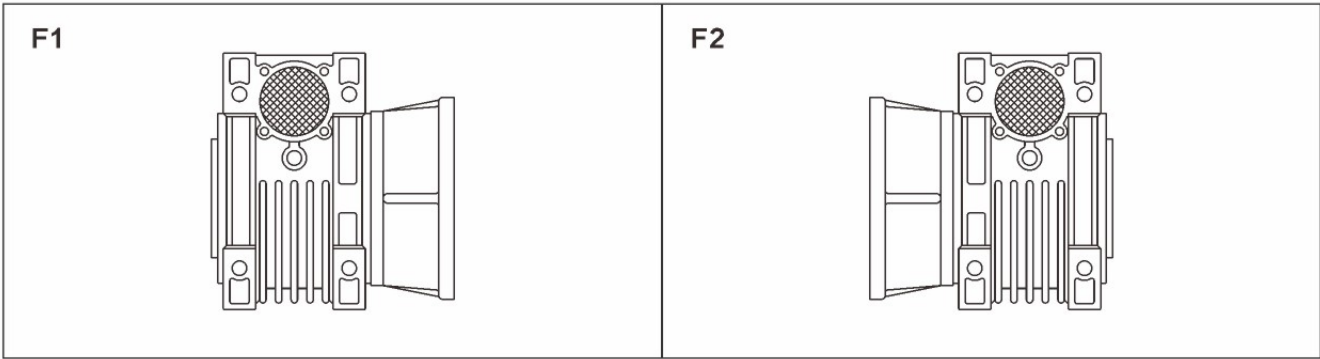
型号说明 Model notes

NMRV-063/130-600-VS-F1 (FA)-AS-80B5-0.75kW-AS1			
NMRV-NMRV	双蜗轮减速机 Combined worm geared motor		
NRV-NMRV	蜗轮减速机(配接输入轴) Worm gear speed reducer (Mounting input shaft)		
063/130	蜗轮减速机中心距 Center distance		
600	减速比 Reduction ratio		
VS	双向输入轴 Double input shaft	F1 (FA)	输出法兰位置及型号 Output flange
AS	单向输出轴 Single output shaft	AB	双向输出轴 Double output shaft
PAM	电机联接 Fitted for motor coupling	80B5	电机机座号和安装结构形式 Motor mounting facility
0.75kW	电机功率 Electric motor power	As1	安装方位 Mounting position

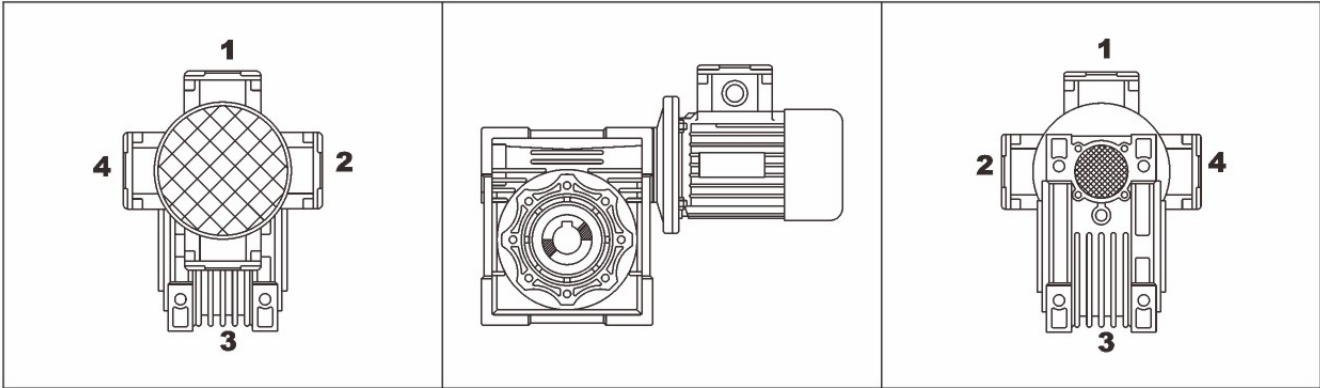
NMRV-NMRV安装方式 Mounting positions



法兰输出 Output flange F-FL



电机接线盒方位 Position of terminal box



选型参数 Parameter selections

双级减速机(法兰输入，输入转速1400r/min)/(配4极电机)
Double step reducer(flange input, input speed is 1400r/min)/(matched with 4 poles motor)

组合 机型 Model	输出 转速 N ₂ (r/min)	输出 转矩 M ₂ (N.m)	总 传动比 i	高速级 传动比 i ₁	低速级 传动比 i ₂	输出轴 径向力 kN	使用 系数 f.s.
0.06kw							
25/30	14	25	100	10	10	1.62	1.3
	9.3	32	150	10	15	1.83	0.9
	7.0	41	200	10	20	1.83	0.7
	5.6	44	250	10	25	1.83	0.8
25/40	4.7	59	300	10	30	3.49	1.2
	3.5	71	400	10	40	3.49	0.9
	2.8	82	500	20	25	3.49	0.7
	2.3	101	600	20	30	3.49	0.6
	1.9	116	750	25	30	3.49	0.5
	1.6	143	900	30	30	3.49	0.5
	1.2	171	1200	30	40	3.49	0.4
	0.9	197	1500	50	30	3.49	0.3
	0.8	217	1800	60	30	3.49	0.3
	0.6	268	2400	60	40	3.49	0.2
	0.5	324	3000	60	50	3.49	0.2
	0.4	294	4000	50	80	3.49	0.1
	0.3	356	5000	50	100	3.49	0.1
	4.7	57	300	10	30	3.49	1.3
	3.5	70	400	10	40	3.49	0.9
	2.8	96	500	20	25	3.49	0.6
30/40	2.3	104	600	20	30	3.49	0.7
	1.9	121	750	25	30	3.49	0.6
	1.6	139	900	30	30	3.49	0.5
	1.2	166	1200	30	40	3.49	0.4
	0.9	196	1500	50	30	3.49	0.4
	0.8	218	1800	60	30	3.49	0.3
	0.58	261	2400	60	40	3.49	0.2
	0.4	300	3200	80	40	3.49	0.2
	0.4	279	4000	50	80	3.49	0.1
	0.28	338	5000	50	100	3.49	0.1
	1.6	141	900	30	30	4.84	1.0
	1.2	169	1200	30	40	4.84	0.7
	0.93	199	1500	50	30	4.84	0.7
	0.78	222	1800	60	30	4.84	0.7
	0.6	266	2400	60	40	4.84	0.5
	0.5	307	3000	60	50	4.84	0.4
30/50	0.35	288	4000	50	80	4.84	0.3
	0.29	311	4800	60	80	4.84	0.3
	0.9	203	1500	30	50	6.27	1.1
	0.78	225	1800	30	60	6.27	0.9
	0.58	276	2400	60	40	6.27	0.8
30/63	0.47	319	3000	60	50	6.27	0.7
	0.35	306	4000	50	80	6.27	0.6
	0.28	360	5000	50	100	6.27	0.4

组合 机型 Model	输出 转速 N ₂ (r/min)	输出 转矩 M ₂ (N.m)	总 传动比 i	高速级 传动比 i ₁	低速级 传动比 i ₂	输出轴 径向力 kN	使用 系数 f.s.
0.06kw							
40/75	0.6	330	2400	60	40	7.38	1.1
	0.47	377	3000	60	50	7.38	0.8
	0.35	355	4000	50	80	7.38	0.7
	0.28	419	5000	50	100	7.38	0.5
	0.5	405	3000	60	50	8.18	1.4
40/90	0.35	365	4000	50	80	8.18	1.3
	0.28	431	5000	50	100	8.18	1.0
0.09kw							
25/30	14	37	100	10	10	1.62	0.8
	9.3	49	150	10	15	1.83	0.6
	7.0	62	200	10	20	1.83	0.5
	5.6	66	250	10	25	1.83	0.5
	4.7	75	300	10	30	1.83	0.4
	3.5	107	400	10	40	1.83	0.3
	2.8	115	500	20	25	1.83	0.2
	2.3	135	600	20	30	1.83	0.2
	1.9	151	750	25	30	1.83	0.2
	1.6	178	900	30	30	1.83	0.2
	1.2	212	1200	30	40	1.83	0.1
	0.9	247	1500	50	30	1.83	0.1
	0.78	304	1800	60	30	1.83	0.1
	0.58	340	2400	60	40	1.83	0.1
	0.47	405	3000	60	50	1.83	0.1
30/40	4.7	88	300	10	30	3.49	0.8
30/50	3.5	107	400	10	40	4.84	1.2
	2.8	123	500	10	50	4.84	1.0
	2.3	159	600	20	30	4.84	0.9
	1.9	185	750	25	30	4.84	0.8
	1.6	212	900	30	30	4.84	0.7
	1.6	200	900	15	60	6.27	1.0
	1.2	263	1200	30	40	6.27	0.9
30/63	0.93	305	1500	30	50	6.27	0.7
	0.9	359	1500	50	30	7.38	1.1
	0.78	404	1800	60	30	7.38	1.0
	0.58	496	2400	60	40	7.38	0.7
40/90	0.5	608	3000	60	50	8.18	0.9
	0.35	548	4000	50	80	8.18	0.8
0.12kw							
30/50	4.7	118	300	10	30	4.84	1.2
	3.5	142	400	10	40	4.84	0.9
	2.8	164	500	10	50	4.84	0.7
30/63	2.8	171	500	10	50	6.27	1.3
	2.3	208	600	15	40	6.27	1.1
	1.9	241	750	15	50	6.27	0.9

组合 机型 Model	输出 转速 N ₂ (r/min)	输出 转矩 M ₂ (N.m)	总 传动比 i	高速级 传动比 i ₁	低速级 传动比 i ₂	输出轴 径向力 kN	使用 系数 f.s.
0.12kw							
40/75	1.6	324	900	30	30	7.38	1.2
	1.2	399	1200	30	40	7.38	0.9
40/90	0.78	546	1800	30	60	8.18	0.9
	0.58	695	2400	60	40	8.18	0.9
50/110	0.5	883	3000	60	50	10.32	1.2
	0.35	784	4000	50	80	10.32	1.0
	0.28	928	5000	50	100	10.32	0.8
0.18kw							
30/63	3.5	221	400	10	40	6.27	1.0
	2.8	257	500	10	50	6.27	0.8
40/75	2.3	362	600	20	30	7.38	1.1
	1.9	435	750	25	30	7.38	0.9
	1.6	487	900	30	30	7.38	0.8
40/90	1.2	629	1200	30	40	8.18	1.0
	0.93	735	1500	30	50	8.18	0.8
50/110	0.8	860	1800	60	30	10.32	1.5
	0.58	1113	2400	60	40	10.32	1.1
0.25kw							
30/63	3.5	159	400	10	40	6.27	1.4
	2.8	185	500	10	50	6.27	1.2
40/75	3.5	336	400	10	40	7.38	1.1
	2.8	384	500	10	50	7.38	0.8
40/90	2.3	511	600	15	40	8.18	1.2
	1.9	598	750	15	50	8.18	0.9
	1.6	667	900	15	60	8.18	0.8
50/110	1.2	943	1200	30	40	10.32	1.3
	0.93	1064	1500	50	30	10.32	1.2
	0.78	1195	1800	60	30	10.32	1.1
	0.6	1624	2400	60	40	13.5	1.0
63/130	0.47	1935	3000	60	50	13.5	0.8
	0.35	2046	4000	50	80	13.5	0.6
	0.28	2430	5000	50	100	13.5	0.5
	0.8	1199	1800	60	30	18	1.8
63/150	0.8	1199	1800	60	30	18	1.8
	0.6	1446	2400	60	40	18	1.8
	0.5	1713	3000	60	50	18	1.4
	0.4	2026	4000	50	80	18	0.9
	0.3	2251	5000	50	100	18	0.7
	4.7	405	300	10	30	7.38	1.0
	3.5	498	400	10	40	7.38	0.7
40/90	4.7	401	300	7.5	40	8.18	1.5
	3.5	523	400	10	40	8.18	1.2
	2.8	611	500	10	50	8.18	0.9
	2.3	757	600	15	40	8.18	0.8
50/110	1.9	949	750	25	30	10.32	1.3
	1.6	1079	900	30	30	10.32	1.2
	1.2	1396	1200	30	40	10.32	0.8
63/130	0.9	1674	1500	50	30	13.5	1.1

组合 机型 Model	输出 转速 N ₂ (r/min)	输出 转矩 M ₂ (N.m)	总 传动比 i	高速级 传动比 i ₁	低速级 传动比 i ₂	输出轴 径向力 kN	使用 系数 f.s.
0.37kw							
63/130	0.78	1887	1800	60	30	13.5	0.9
63/150	0.78	1774	1800	60	30	18	1.2
	0.6	2141	2400	60	40	18	1.2
	0.5	2535	3000	60	50	18	0.9
0.55kw							
50/110	4.7	638	300	10	30	10.32	2.0
	3.5	826	400	10	40	10.32	1.4
	2.8	984	500	10	50	10.32	1.1
	2.3	1181	600	15	40	10.32	1.0
	1.9	1411	750	25	30	10.32	0.9
63/130	2.8	995	500	10	50	13.5	1.6
	1.9	1471	750	25	30	13.5	1.2
	1.2	2132	1200	30	40	13.5	0.8
63/150	0.78	2637	1800	60	30	18	0.8
	0.6	3182	2400	60	40	18	0.8
0.75kw							
50/110	4.7	871	300	10	30	10.32	1.5
	3.5	1126	400	10	40	10.32	1.1
63/130	2.8	1357	500	10	50	13.5	1.1
	2.3	1631	600	15	40	13.5	1.0
	1.9	2005	750	25	30	13.5	0.9
	1.6	2283	900	30	30	13.5	0.8
63/150	2.8	1290	500	10	50	18	1.8
	2.3	1529	600	15	40	18	1.7
	1.9	1783	750	25	30	18	1.3
	1.6	2215	900	30	30	18	0.9
	1.2	2680	1200	30	40	18	1.0
1.1kw							
63/130	4.7	1312	300	10	30	13.5	1.3
	3.5	1671	400	10	40	13.5	1.0
	2.8	1991	150	10	50	13.5	0.8
63/150	9.3	752	150	10	15	18	3.1
	7.0	966	200	10	20	18	2.4
	5.6	1175	250	10	25	18	1.7
	4.7	1364	300	10	30	18	1.7
	3.5	1619	400	10	40	18	1.6
	2.8	1893	500	10	50	18	1.2
	2.3	2242	600	15	40	18	1.2
	1.9	2616	750	25	30	18	0.9
1.5kw							
63/130	4.7	1789	300	10	30	13.5	1.0
	3.5	2279	400	10	40	13.5	0.7
63/150	9.3	1026	150	10	15	18	2.3
	7	1317	200	10	20	18	1.8
	5.6	1602	250	10	25	18	1.3
	4.7	1860	300	10	30	18	1.3
	3.5	2208	400	10	40	18	1.2
	2.8	2582	500	10	50	18	0.9
	2.3	3057	600	15	40	18	0.9

双级减速机(轴伸输入, 输入转速1400r/min)

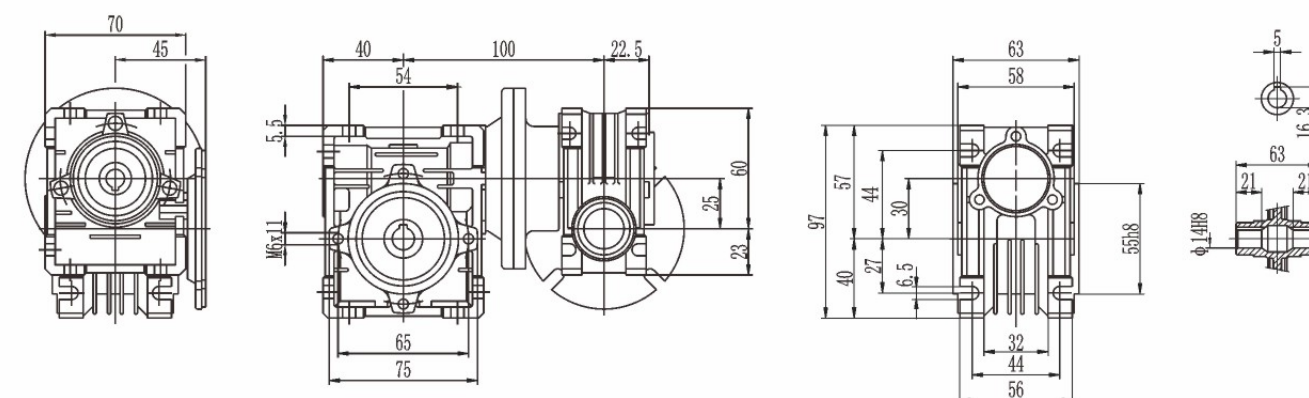
Double step reducer (shaft extend input, input speed is 1400r/min)

机型代号 Model	输入轴 功率 kw	输出转速 N ₂ (r/min)	输出转矩 M ₂ (N.m)	传动比 i	输出轴 径向力 kN	输出轴 轴向力 kN
30/40	0.1	4.7	73	300	3.49	0.21
	0.1	3.5	65	400	3.49	0.21
	0.08	2.8	61	500	3.49	0.21
	0.06	2.3	73	600	3.49	0.21
	0.04	1.9	73	750	3.49	0.21
	0.03	0.6	73	900	3.49	0.21
	0.02	1.2	65	1200	3.49	0.21
	0.02	0.9	73	1500	3.49	0.21
	0.02	0.8	73	1800	3.49	0.21
	0.01	0.58	65	2400	3.49	0.21
	0.01	0.4	65	3200	3.49	0.21
	0.01	0.35	33	4000	3.49	0.21
0.01	0.28	29	5000	3.49	0.21	
30/50	0.15	4.7	145	300	4.84	0.21
	0.1	3.5	124	400	4.84	0.21
	0.1	2.8	120	500	4.84	0.21
	0.1	2.3	145	600	4.84	0.21
	0.1	1.9	145	750	4.84	0.21
	0.1	1.6	145	900	4.84	0.21
	0.08	1.2	124	1200	4.84	0.21
	0.06	0.93	145	1500	4.84	0.21
	0.04	0.78	145	1800	4.84	0.21
	0.03	0.6	124	2400	4.84	0.21
	0.02	0.5	120	3000	4.84	0.21
	0.02	0.35	82	4000	4.84	0.21
0.02	0.29	82	4800	4.84	0.21	
30/63	0.24	4.7	230	300	6.27	0.21
	0.2	3.5	230	400	6.27	0.21
	0.2	2.8	216	500	6.27	0.21
	0.13	2.3	230	600	6.27	0.21
	0.11	1.9	216	750	6.27	0.21
	0.1	1.6	198	900	6.27	0.21
	0.1	1.2	230	1200	6.27	0.21
	0.1	0.93	216	1500	6.27	0.21
	0.1	0.78	198	1800	6.27	0.21
	0.1	0.58	230	2400	6.27	0.21
	0.08	0.47	216	3000	6.27	0.21
	0.06	0.35	172	4000	6.27	0.21
0.04	0.28	150	5000	6.27	0.21	
40/75	0.4	4.7	390	300	7.38	0.35
	0.3	3.5	360	400	7.38	0.35
	0.21	2.8	320	500	7.38	0.35
	0.2	2.3	390	600	7.38	0.35
	0.2	1.9	390	750	7.38	0.35
	0.14	1.6	390	900	7.38	0.35
	0.11	1.2	360	1200	7.38	0.35
	0.1	0.93	390	1500	7.38	0.35
	0.1	0.78	390	1800	7.38	0.35
	0.1	0.58	360	2400	7.38	0.35
	0.1	0.47	320	3000	7.38	0.35
	0.08	0.35	250	4000	7.38	0.35
0.06	0.28	230	5000	7.38	0.35	

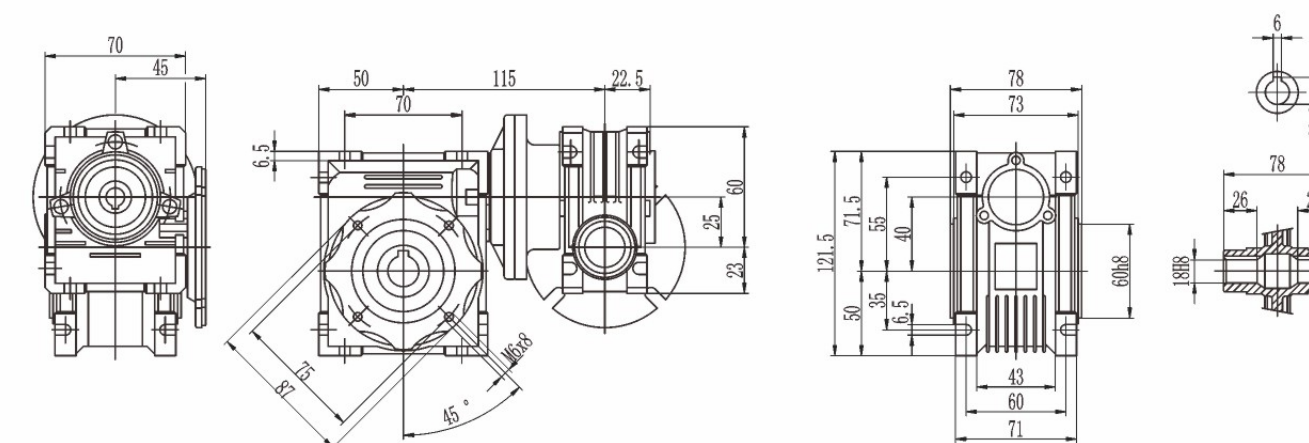
机型代号 Model	输入轴 功率 kw	输出转速 N2 (r/min)	输出转矩 M2 (N.m)	传动比 i	输出轴 径向力 kN	输出轴 径向力 kN
40/90	0.6	4.7	610	300	8.18	0.35
	0.43	3.5	610	400	8.18	0.35
	0.34	2.8	560	500	8.18	0.35
	0.3	2.3	610	600	8.18	0.35
	0.23	1.9	560	750	8.18	0.35
	0.2	1.6	505	900	8.18	0.35
	0.3	1.2	610	1200	8.18	0.35
	0.14	0.93	560	1500	8.18	0.35
	0.11	0.78	505	1800	8.18	0.35
	0.11	0.58	610	2400	8.18	0.35
	0.1	0.47	560	3000	8.18	0.35
	0.1	0.35	460	4000	8.18	0.35
0.1	0.28	410	5000	8.18	0.35	
50/110	1.1	4.7	1265	300	10.32	0.49
	0.8	3.5	1185	400	10.32	0.49
	0.61	2.8	1100	500	10.32	0.49
	0.6	2.3	1185	600	10.32	0.49
	0.5	1.9	1265	750	10.32	0.49
	0.43	1.6	1265	900	10.32	0.49
	0.31	1.2	1186	1200	10.32	0.49
	0.3	0.93	1265	1500	10.32	0.49
	0.3	0.78	1265	1800	10.32	0.49
	0.2	0.58	1185	2400	10.32	0.49
	0.15	0.47	1100	3000	10.32	0.49
	0.13	0.35	819	4000	10.32	0.49
0.1	0.28	746	5000	10.32	0.49	
63/130	0.8	2.3	1650	600	13.5	0.7
	0.7	1.9	1760	750	13.5	0.7
	0.6	1.6	1760	900	13.5	0.7
	0.4	1.2	1650	1200	13.5	0.7
	0.4	0.93	1760	1500	13.5	0.7
	0.4	0.93	1760	1500	13.5	0.7
	0.3	0.78	1760	1800	13.5	0.7
	0.3	0.58	1650	2400	13.5	0.7
	0.2	0.47	1550	3000	13.5	0.7
	0.1	0.35	1220	4000	13.5	0.7
0.1	0.28	1100	5000	13.5	0.7	
63/150	3.4	9.3	2340	150	18	0.7
	2.7	7.0	2340	200	18	0.7
	1.9	5.6	2050	250	18	0.7
	1.9	4.7	2340	300	18	0.7
	1.8	3.5	2670	400	18	0.7
	1.4	2.8	2330	500	18	0.7
	1.3	2.3	2670	600	18	0.7
	1.0	1.9	2330	750	18	0.7
	0.7	1.6	2100	900	18	0.7
	0.7	1.2	2670	1200	18	0.7
	0.4	0.8	2100	1800	18	0.7
	0.5	0.6	2670	2400	18	0.7
	0.3	0.5	2330	3000	18	0.7
	0.2	0.4	1880	4000	18	0.7
0.2	0.3	1650	5000	18	0.7	

NMRV-NMRV外型尺寸 Dimensions

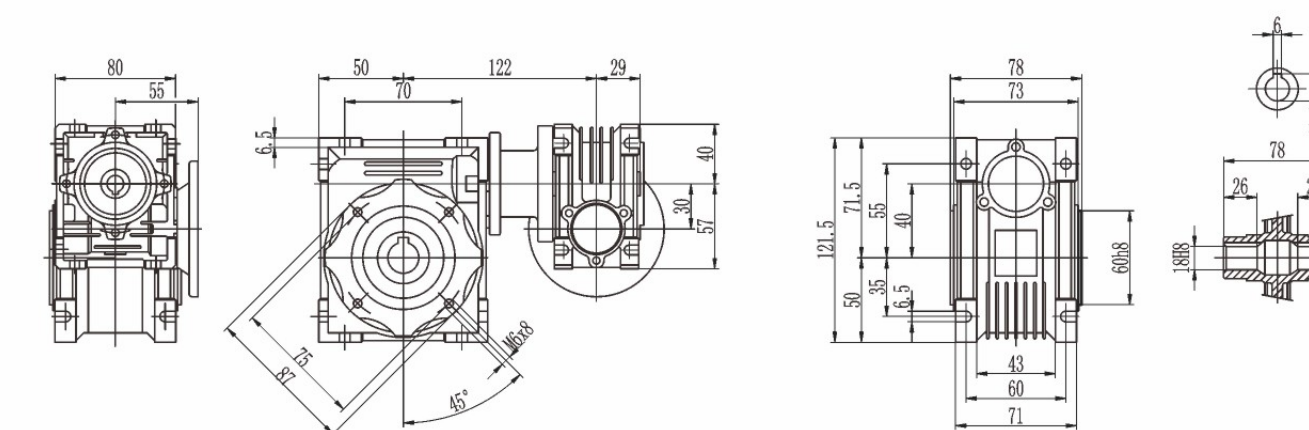
NMRV025-NMRV030



NMRV025-NMRV040

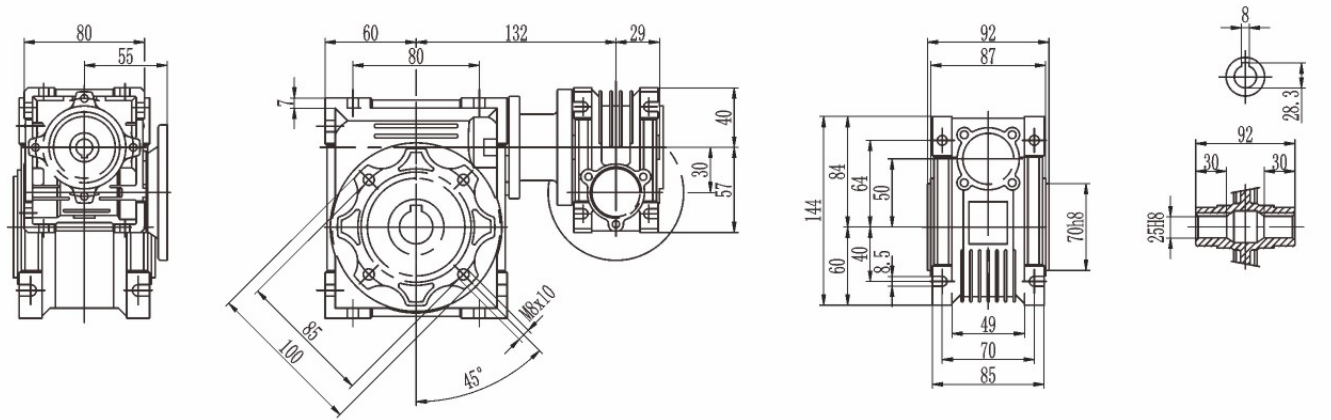


NMRV030-NMRV040

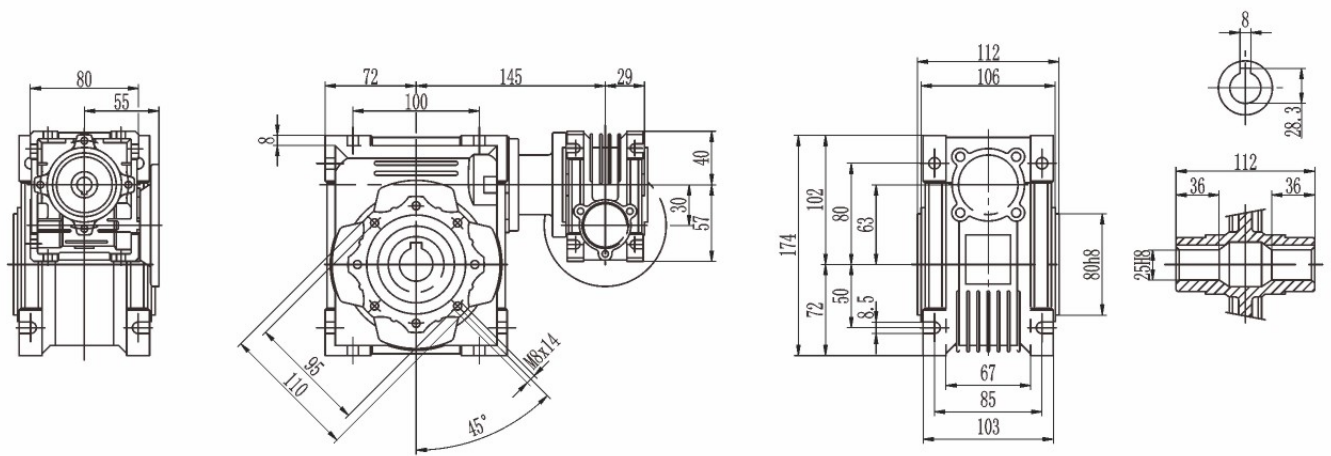


NMRV-NMRV外型尺寸 Dimensions

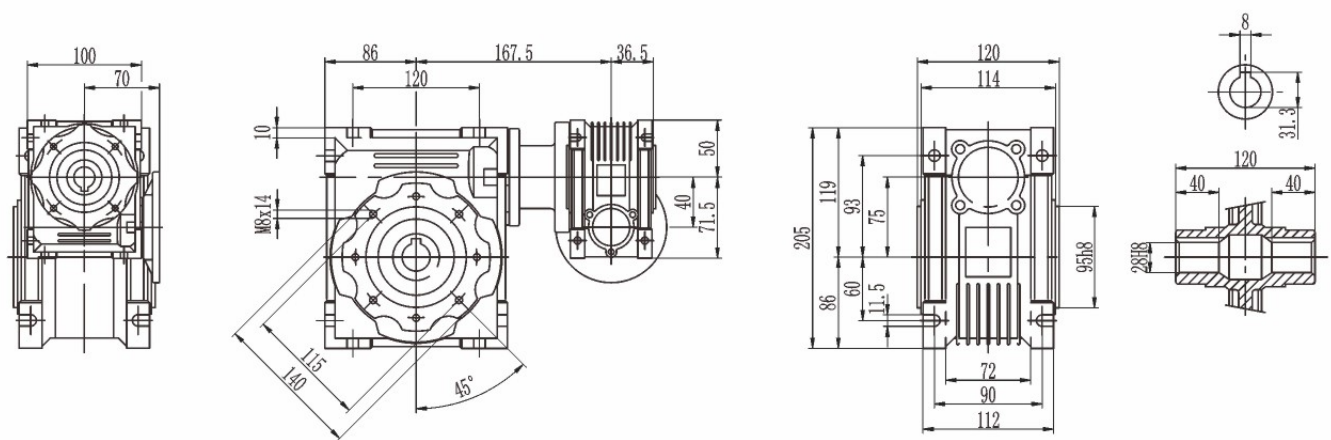
NMRV030-NMRV050



NMRV030-NMRV063

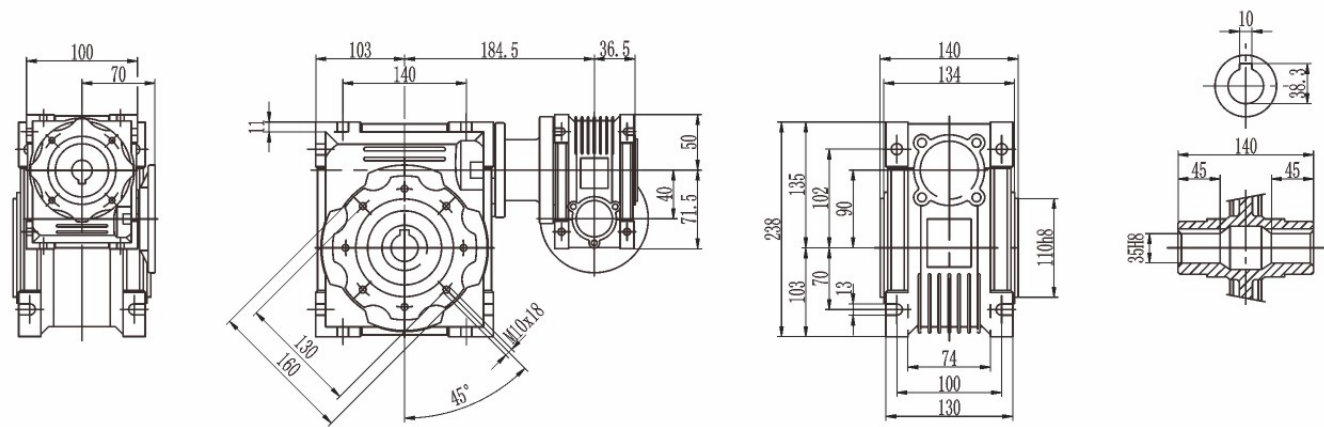


NMRV040-NMRV075

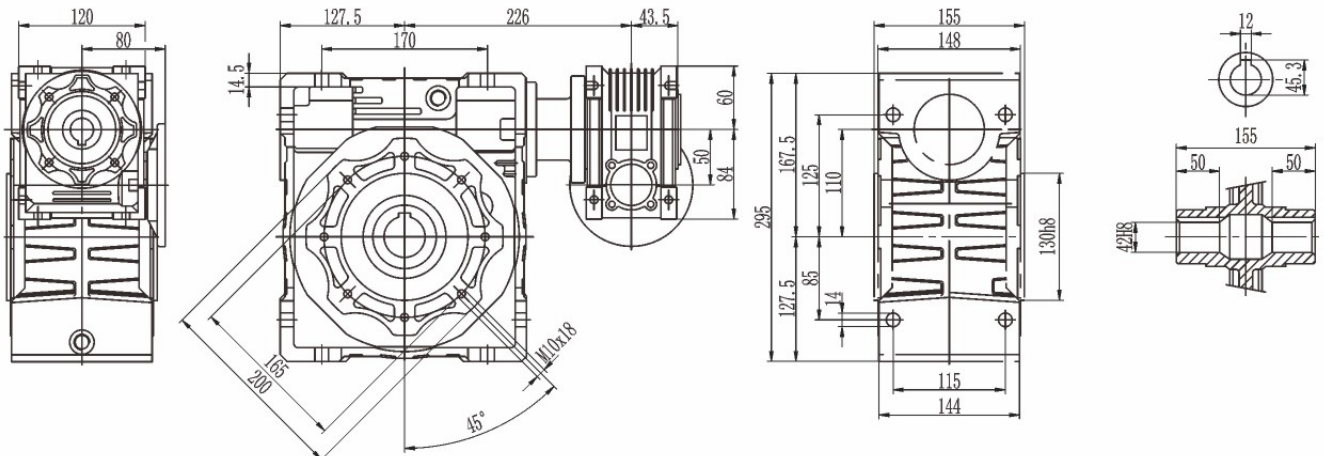


NMRV-NMRV外型尺寸 Dimensions

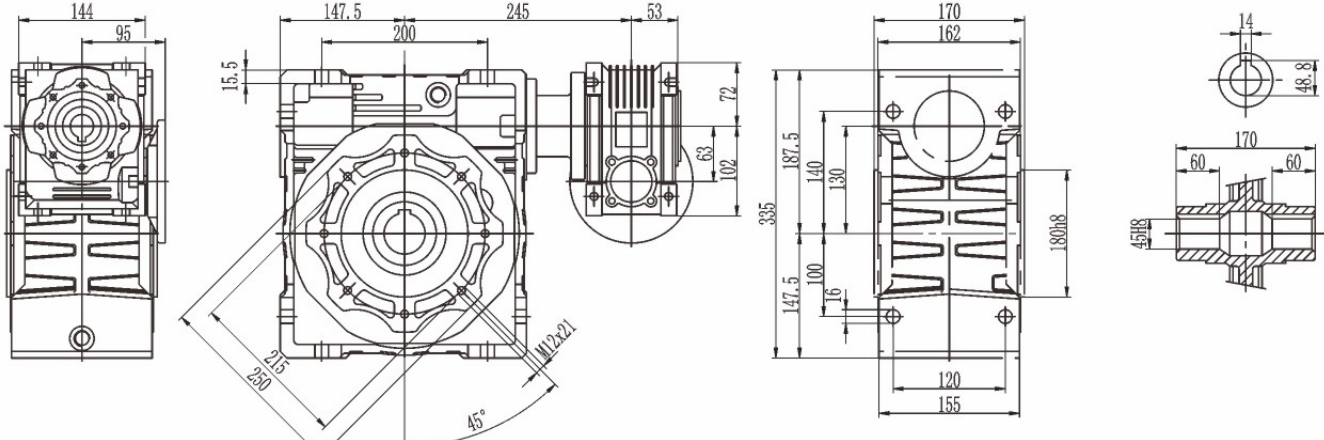
NMRV040-NMRV090



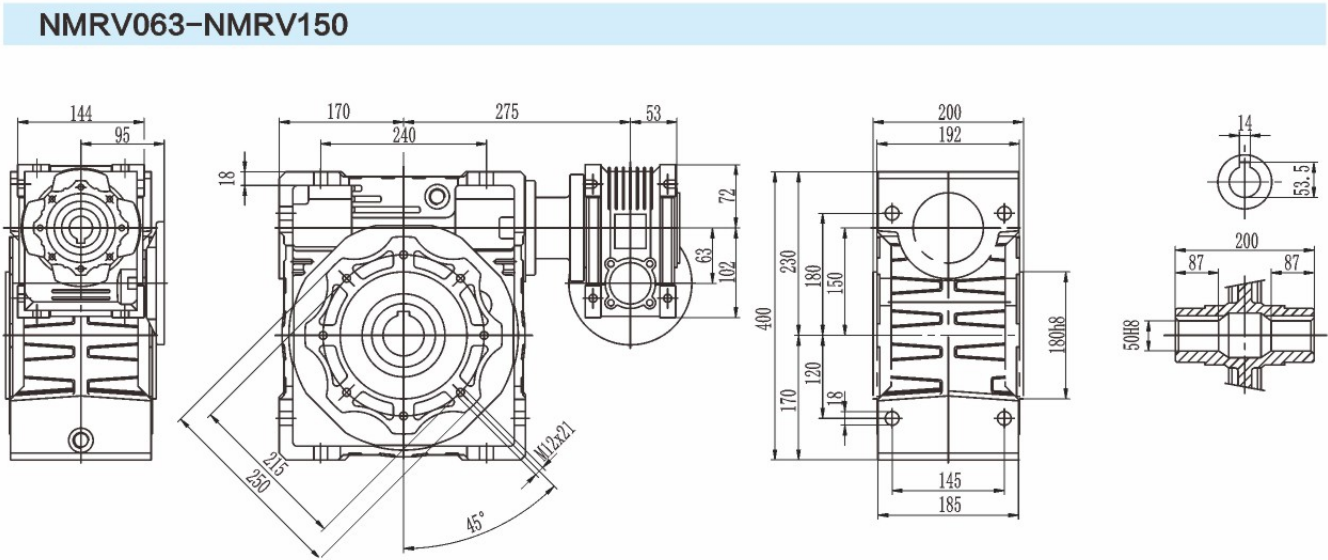
NMRV050-NMRV110



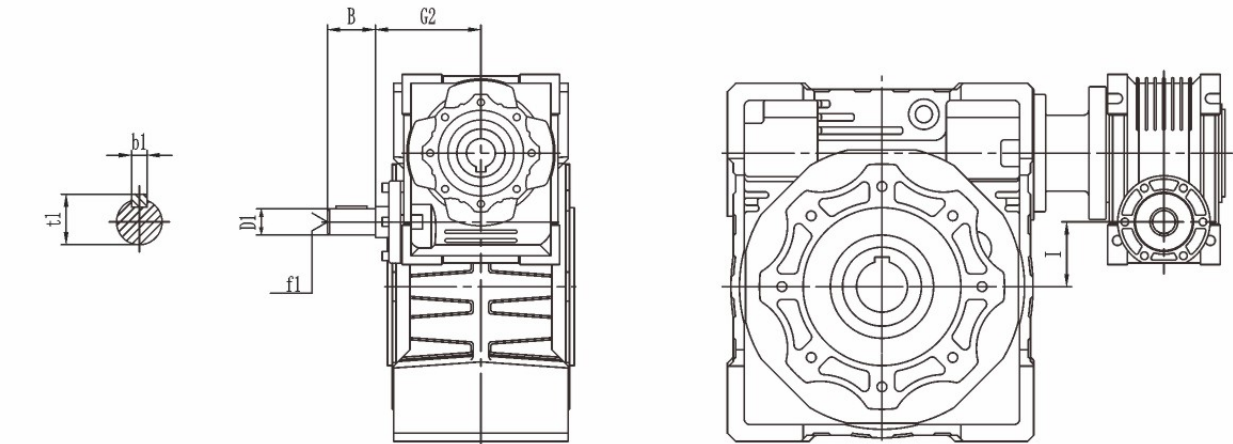
NMRV063-NMRV130



NMRV-NMRV外型尺寸 Dimensions



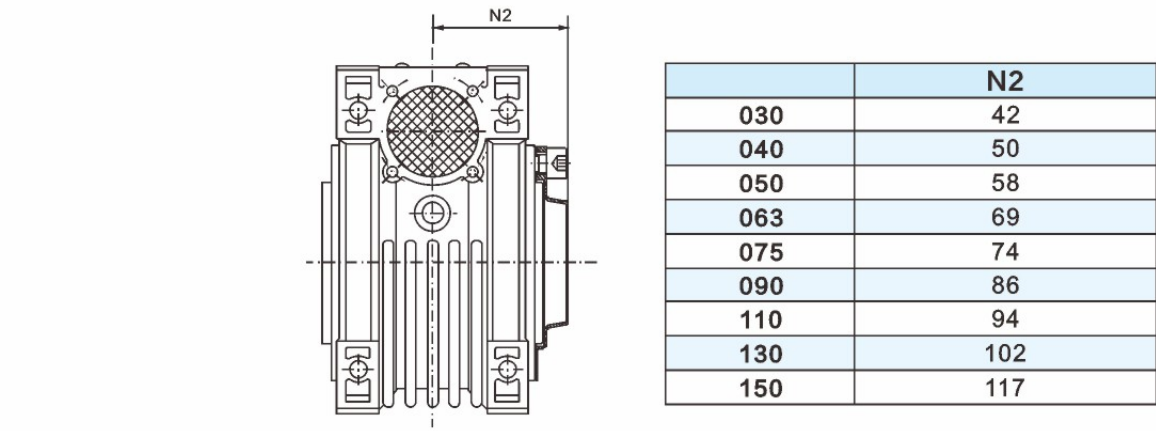
NRV-NMRV外型尺寸 Dimensions



NRV-NMRV	025-030	025-040	030-040	030-050	030-063	040-075	040-090	050-110	063-130	063-150
B	20	20	20	20	20	23	23	30	40	40
D1	9 j6	9 j6	9 j6	9 j6	9 j6	11 j6	11 j6	14 j6	19 j6	19 j6
G2	42	42	51	51	51	60	60	74	90	90
l	5	15	10	20	33	35	50	60	67	87
b1	3	3	3	3	3	4	4	5	6	6
f1	-	-	-	-	-	-	-	M6	M6	M6
t1	10.2	10.2	10.2	10.2	10.2	12.5	12.5	16	21.5	21.5

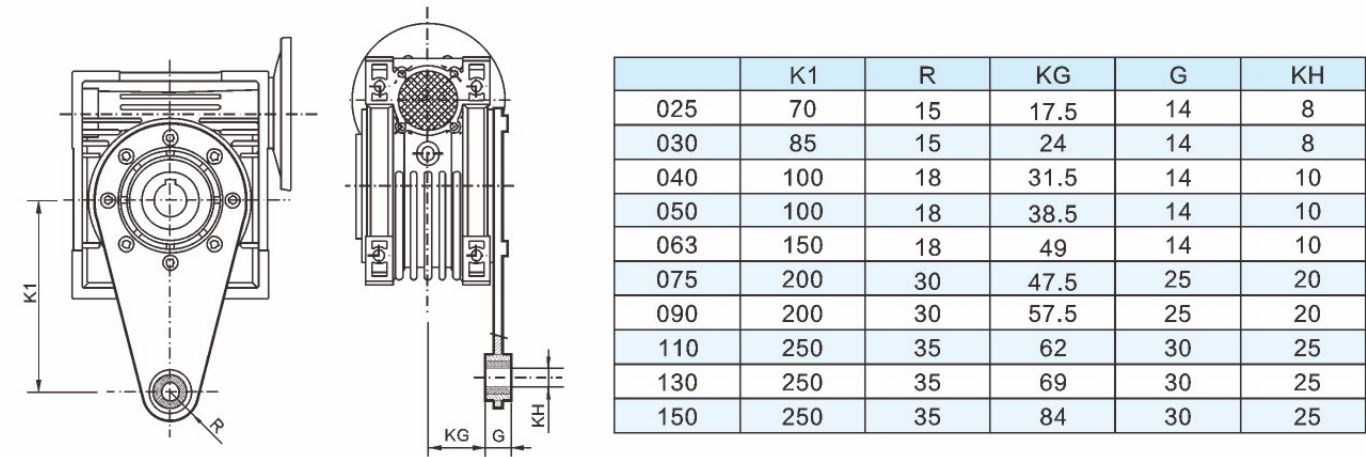
附件
Accessories

防护罩 Protective cover



	N2
030	42
040	50
050	58
063	69
075	74
090	86
110	94
130	102
150	117

扭力臂尺寸 Size of torque arm



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

润滑油注油量(L) Adding capacity of lubrication oil

规格 Type	025	030	040	050	063	075	090	110	130	150
安装型式 Installation										
B3	0.02	0.04	0.08	0.15	0.3	0.55	1	3	4.5	7
B6 B7								2.5	3.5	5.4
B8								2.2	3.3	5.1
V5								3	4.5	7
V6								2.2	3.3	5.1

使用说明
Operating Instructions

故障分析
Malfunctions Analysis

1.单级蜗杆减速机

- 1.1 减速机型号25-90采用优质铝合金压铸箱体，外形轻巧美观,结构紧凑,体积小，重量轻，节省安装空间，不易锈蚀。
- 1.2 减速机型号110-150采用灰铸铁铝模铸造，外型美观坚固，可多方位安装使用。
- 1.3 散热性能好，安全可靠，效率高。
- 1.4 承载能力高，传动平稳，振动小，噪音低。
- 1.5 具有动力输入及转矩输出的多种联接结构，满足多种联接需要;箱体外形设计及底脚孔设置布局适应多种安装方式，通用性强。

2.双级蜗杆减速机

- 2.1 由单级蜗杆减速机组合而成，具有单级蜗杆减速机的一切优点，和获得大的传动比。
- 2.2 常用双级组合机型为: 25/30、25/40、30/40、30/50、30/63、40/75、40/90、50/110、63/130、63/150，用户若有殊要求时,可根据实际需要选择25、30、40、50、63、75、90、110、130、150作为组合单元另行组合。

3.安装注意事项

- 3.1 减速机须安装在平整坚固的底座上，底脚螺栓必须紧固、防震。
- 3.2 原动机--减速机--工作机的各联接轴伸，去装后必须互相准确对准轴线。
- 3.3 减速机输入端及输出端轴伸外径尺寸公差按h6制作，与之相匹配的联轴器、皮带轮、链轮等传动件内孔需按合适公差尺寸配置，避免装配过紧损坏轴承，装配过松影响正常的动力传递。
- 3.4 链轮、齿轮等传动件装上轴伸时，应尽量靠近轴承，以减少轴伸弯曲应力。
- 3.5 减速机装配电机时，应在蜗杆头部内孔孔壁及键槽处涂抹黄油，避免装配过紧，防止轴孔日久生锈。
- 3.6 使用各类电机直联型减速机时，若电机重量偏大，应设支撑装置。

4.使用注意事项

- 4.1 使用前应注意检查减速机型式结构、中心距规格、传动比、输入轴连接方式、输出轴结构、输入轴输出轴轴指向和回转方向等是否符合使用要求,蜗杆输入转速不宜超过1500r/min。
- 4.2 开机时应逐步施加载荷,不能满载起动。
- 4.3 型号25-90减速机设有加油孔和放油孔，出厂时减速机内已加好ISO Vg320 润滑油，用户无需再加油,机器连续运转的500小时后, 应该更换润滑油。以后换油周期为6000小时。
- 4.4 型号110-150减速机设有加油孔、放油孔和油标，减速机内已加好ISO VG460矿物润滑油，用户在使用前须拉掉通气器上橡胶环。首次运行400小时后换注新油，以后每隔约4000小时换油一次。
- 4.5 减速机允许最高油温为85℃，超过时应停机检查。
- 4.6 若减速机在使用前已放置时间超过4-6个月，而油封又未浸入润滑油中，推荐更换油封。
- 4.7 若减速机使用环境温度超出或低于表中规定使用环境温度5℃以上，请与我公司人员联系。

故障情况 Fault Description	故障原因 Reasons	解决办法 Solutions
过 热 Overheating	原动力、减速机、工作机连接不当 Improper connection among prime morer, reducer and the operation device	调整至适当位置，使三者相联轴线同轴 Adjust to proper position
	超负荷运转 Overloading	适当调整负荷 Adjust to proper load
	油封过度磨擦 Over Friction of oil seals	在油封唇口处滴润滑油 Drop lubricant at oil seal
	☆润滑油过少或过多 ☆Lubricant oil over much or shortage	按注油方式或调整油量 Adjust to proper oil quantity as lubricant capacity table
	☆润滑油杂质多或润滑性差 ☆Much impurity in oil or interior oil	按润滑油选用表更换合适新油 Refill proper oil
振 动 Vibration	原动力、减速机、工作机固定不良 Prime mover, reducer and the operation device mount badly	查出不良固定部件，正确固紧 Find out the bad place, tighten it
	蜗轮副齿部磨耗或损伤 Tooth surface of worm gear sets worm-out or damaged	更换蜗轮副(需要时本公司配合) Replace worm gear sets(we will cooperate with you when necessary)
	轴承磨损 Bearing worn-out	更换轴承 Replace Bearing
	螺栓松脱 Bolt loose	固紧螺栓 Tighten Screw
杂 音 Noise	原动机与减速机连接不当 Improper connection among prime mover, reducer and the operation device	原动机重新调整连接 Adjust to proer position
	辅承损伤或间隙过大 Bearing damaged or too large clearance	更换轴承 Replace Bearing
	蜗轮副齿合不良 Worm gear sets mesh badly	修整齿面或更换蜗轮副(请与本公司联系) Mend tooth surface or replace worm gear sets (please contact to us)
	☆润滑油不足 ☆Lubricant oil shortage	按注油方式或补加润滑油 Fill in adequate oil as lubricant capacity table
漏 油 Oilleakage	油封唇口磨损 Oil seal lip worm-out	更换油封 Replace oil seal
	油封档轴颈磨损 Shalt of oil seal input or output shall with worm gear	更换输入轴或带轮轴蜗轮 Replace input or output shall with worm gear
	放油螺塞未旋紧 Oil screw plug loose	螺纹处加密封胶，旋紧螺塞 Tighten oil screw plug
	油标破损 Oil gauge damaged	更换油标 Replace oil gauge
蜗轮副 齿面磨损过快 Tooth surface of worm gear sets abrade extra-quickly	超负荷运转 Overload	调整至适当负荷 Adjust to proper loading
	☆润滑油不符合要求 ☆Lubricant oil not according with requirement	更换合适的润滑油 Replace proper lubricant oil
	☆润滑油不足 ☆Lubricant oil shortage	按油标指示点加足润滑油 Fill adequate oil as indication
	未按规定适时换油，润滑油劣化 Not replacing lubricant oil in time according to requiremen, oil deteriorates	按规定要求适时更换润滑油 Replacing oil in time according to require ment
	运转温度过高 Overheating while running	1.按“过热”故障处理 2.采取合适措施，降低周边环境温度 1.Deal with it as"Overheating" 2.Adopting proper measures to make environment temperature fall

注: 1.☆为换油后出现的故障原因。
2.如果发生其他故障无法解决时，请随时与我们联系，以便提供咨询服务。
Annotate:1.☆Accored after the lu bricant changed.
2.If other faults not listed above occur,Please contact with us at any moment，Our company will supply thorough consultation and service.

PC系列齿轮减速机 PC SERIAL GEAR REDUCER



PC



PC+NMRV

结构特点 Structural feature

PC系列减速机是采用模块化结构设计的单级齿轮传动减速机—即PC063型单级齿轮传动减速机的传动比 $i=3.0$;PC071型单级齿轮传动减速机的传动比 $i=3.0$; PC080型单级齿轮传动减速机的传动比 $i=3.0$;PC090型单级齿轮传动减速机的传动比 $i=2.42$;(详细参数见后面“技术参数”表)。PC系列减速机可以独立供货,也可以直接与NMRV系列蜗杆减速机组合(PC+NMRV组合方式详细参数见后面“PC+NMRV组合型减速机组合方式”表.)

PC系列前置级减速机与NMRV系列蜗杆减速机连续方法较为简单,类似于B14型的安装方式。

PC serial gear reducer is a single-stage gear driving one adopting modularized structural design.i.e PC063 single-stage gear driving reducer,its transmission ration $i=3.0$;PC071 single-stage gear driving reducer,its transmission ratio $i=3.1$;PC080 single-stage gear driving reducer,its transmission raton $i=3.1$;PC090 single-stage gear driving reducer.its transmission ration $i=2.42$; (the detailed data shown in the following table of technical data).(For the form of PC+NMRV combination,its detailed data seen in the following table of “The Combination Form of PC+NMRV reducer”).

The connection method PC serial top reducer and NMRV serial worm reducer is comparatively simple,similar to the connection form of B14.

主要件材料 The materials for main parts

- 1.压铸铝合金 (ZL106)箱体。
- 2.20CrMnMo齿轮合金钢表面处理 (渗碳淬火),渐开线齿形磨削 (磨齿)。
- 3.减速机输出轴采用40Cr中碳钢热处理 (调质.表面淬火处理)。
- 1.Die-casting aluminum alloy (ZL106)case
- 2.20CrMnMo gear alloy steel,surface treatment(cementing&hardening).involute tooth shape grinding(grinding gear teeth);
- 3.The output shaft of reducer is made of 40Cr and adopts the heat treatment for medium carbon steel (seasoning and surface hardening treatment).

电机安装 Installation of the motor

为了正确将小齿轮安装在电机轴上,请遵循以下几点要求:

- 1.全面清洗电机的输出轴。
- 2.取下电机输出轴上的平键。
- 3.加热轴套①至 $100^{\circ}\text{C}\sim 120^{\circ}\text{C}$,按下图示讲轴套①装在电机的输出轴上。
- 4.参考装轴套①的方法装上小齿轮③。
- 5.装上垫圈④,拧紧沉头螺钉⑤。(沉头螺钉要涂上螺纹紧固胶防松)
- 6.因PC减速机已注满润滑油,小心取出图示②处密封端盖。(PC减速机出厂时配了电机,无此工序.)
- 7.装上图示②骨架油封和电机,注意不要损坏骨架油封。

注意: PC系列减速机所采用的是高质量的标准电机,可保证电机无振动,低噪音运行。

PC系列齿轮减速机

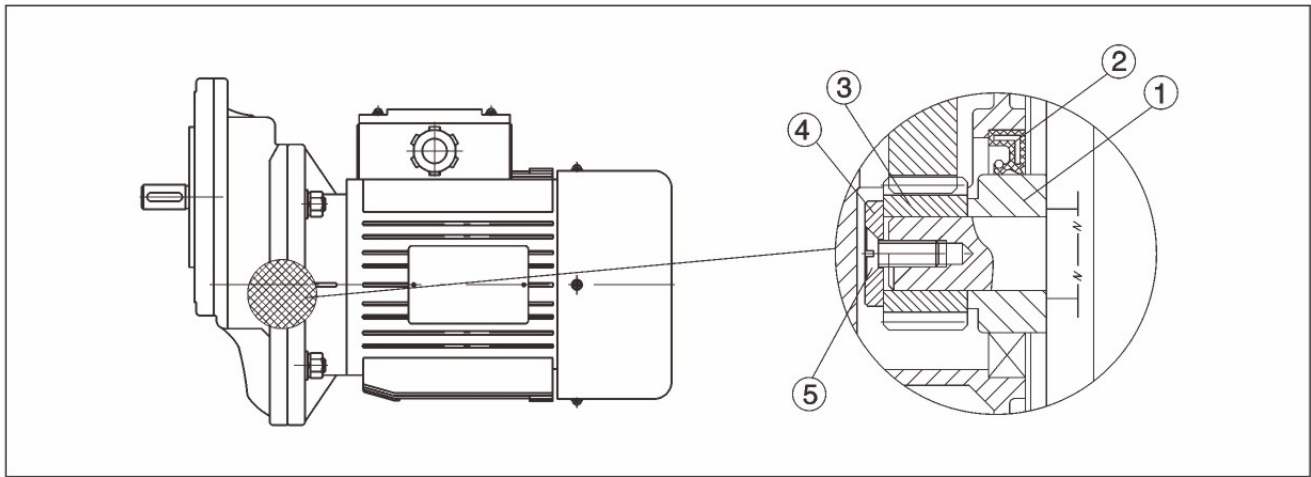
PC SERIAL GEAR REDUCER

The installation of the motor on PC serial gear reducer:

In order to fix the pinion correctly on motor shaft, please follow the procedures below:

- 1.Completely clean the output shaft of the motor;
- 2.Remove the flat key on the output shaft;
- 3.Heat the sleeve(1) up to $100^{\circ}\text{C}\sim 120^{\circ}\text{C}$,and fix the sleeve(1)on the output shaft based on the diagram;
- 4.Fix the pinion(3)referring to the method of fixing the sleeve(1);
- 5.Fix the washer(4),and fasten countersunk head screws(5)(countersunk head screws shall be coated with screw fixing glue in order to prevent looseness);
- 6.Because PC speed reducer has been filled with lubricate ,carefully remove the sealing end cover at(2)in the diagram;(This procedure does not exist because PC speed reducer has been provided with a motor when leaving the factory.)
- 7.Replace skeleton oil seal and motor at(2)in the diagram, being careful not to damage the skeleton oil seal;

Note: PC serial speed reducer adopts a standard motor with high quality, and the motor may run with no vibration and low noise.



润滑油 Lubricating oil of the motor

PC系列减速机采用2#极压锂基钙润滑脂润滑 (长期性),可按说明书上规定的位置安装。

PC系列减速机采用2#极压锂基钙润滑脂使用的工作范围 $-20^{\circ}\text{C}\sim +50^{\circ}\text{C}$

—PC serial reducer adopts No.2 extreme pressure lithium lubricating grease(long-term) for lubrication; and the reducer may be fixed according to the position indicated on the specification;

—No.2 extreme pressure lithium lubricating grease adopted on PC serial reducer has the working range from $-20^{\circ}\text{C}\sim +50^{\circ}\text{C}$

减速机型号 Type	PC 063	PC 071	PC 080	PC 090
B3、B8 B6、B7 V5、V6	0.05L	0.07L	0.15L	0.15L

注: 润滑油的油量单位 (升)

Note: The unit of lubricant oil is liter (L).

型号标记 Signs and markl exaple

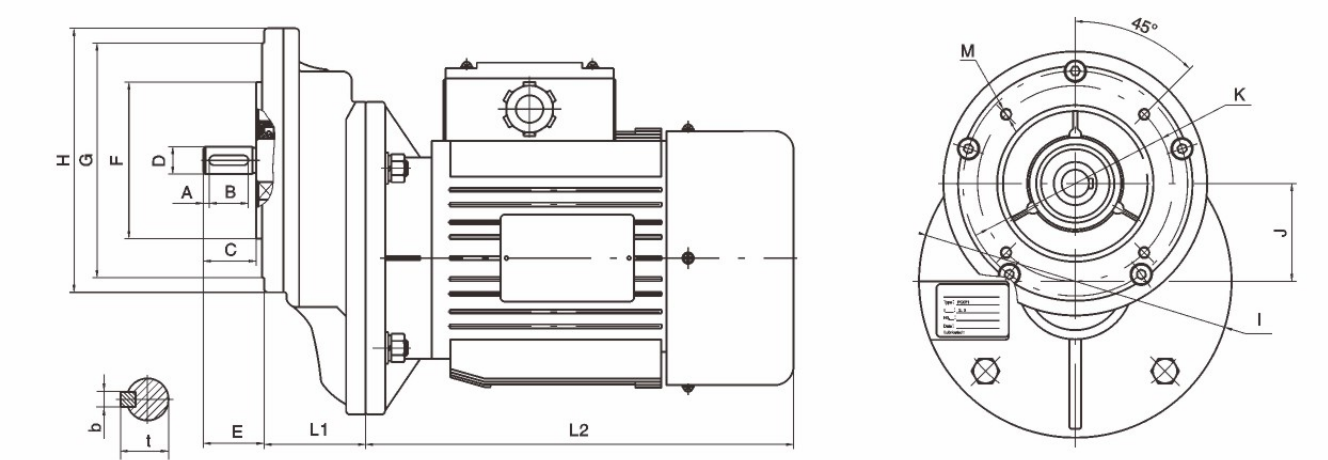
PC系列减速机的型号由型式代号、机座号、所配电机类型（功率和极数）、公称速比输出轴直径组成，代号标记见下表：
The model includes model code ,bass number type equipped (power and pole number).nominal gear ratio and the diameter of output shaft
The code is shown in rhe following table:

PC	减速机的型式代号 Type
063、071、080、090	减速机的机座号 Base number
Y0.09-Y2.20(2P、4P、6P、8P)	配电机功率，极数（4P省略） Whth motor power,poles(our polds omittde)
3.00、2.42	公称速比（此种减速机为单级齿轮传动可以省略） Nominal gear ratio (This kond of reducer is sing-stage gdar drive, available to omit)
φ11、φ14、φ19、φ24、φ28	输出轴直径（标准轴径省略） Output shaft diameter (Standard shaft diameter omitted)
B3、B8、B6、B7、V5、V6	安装方式代号（见PC系列减速机安装方式） Code of installation fom(See the installation fom of Pcserial reducer)
1、2、3、4	接线盒方向代号（见电机接线盒方向） Location of switchbox (See location of motor switchbox)

型号标记示例：
Signs and marks example

PC063-Y0.18(4P)-3.0-φ11-B8-3等同于PC063-Y0.18-B8-3	
PC	减速机的型号代号：PC Type:PC
063	减速机的机座号：63 Base number:063
Y0.18(4P)	配电机功率;0.18KW,极数=4P(配电机63B5型) With motor power:0.18KW, four poles(with motor 63B5type)
3.00	公称速比：3.00（可以省略） Nominal ratio:3.00(can omitted)
φ11	输出轴直径：φ11（标准轴径可以省略） Output shaft diameter: φ11(Standard shaft diameter omitted)
B8	安装方式代号：B8(见PC系列减速机安装方式) Code of installation fom:B8(See the installation form of PC serial reducer)
3	接线盒方向代号：3（见电机接线盒方向） Location of switchbox:3(see location of motor switchbox)

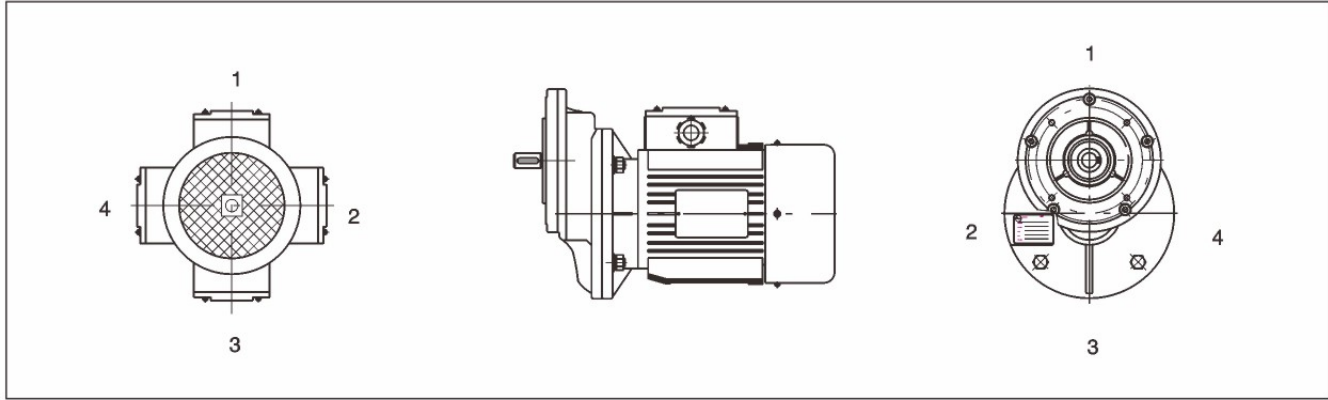
外形尺寸图 Appearance size



型号 Type	输出轴 Output shaft							输出法兰 Output flange							法兰型号 Flange type	L1	L2(电机型号)
	A	B	C	D(js6)	b	t	E	F(H8)	G	H	I	J	K	M			
PC063	1.5	18	21	11	4	12.5	23	70	105	105	114	40	85	4-M6×10	71B14	45	202 (63B5型)
	2	20	28	※14	5	16	30										
PC071	3	20	27	14	5	16	30	80	120	120	135	50	100	4-M6×10	80B14	53	220 (71B5型)
	3	32	37	※19	6	21.5	40										
PC080	3	32	40	19	6	21.5	40	110	160	200	63	130	4-M8×11	100B14	72.5	255 (80B5型)	
	4	40	50	※24	8	27	50										
PC090	4	50	60	※28	8	31	60	110	160	200	63	130	4-M8×11	100B14	72.5	265 (90B5型) 290 (90LB5型)	
	3	32	40	※19	6	21.5	40										
	3	40	50	24	8	27	50										
	3	50	60	※28	8	31	60										

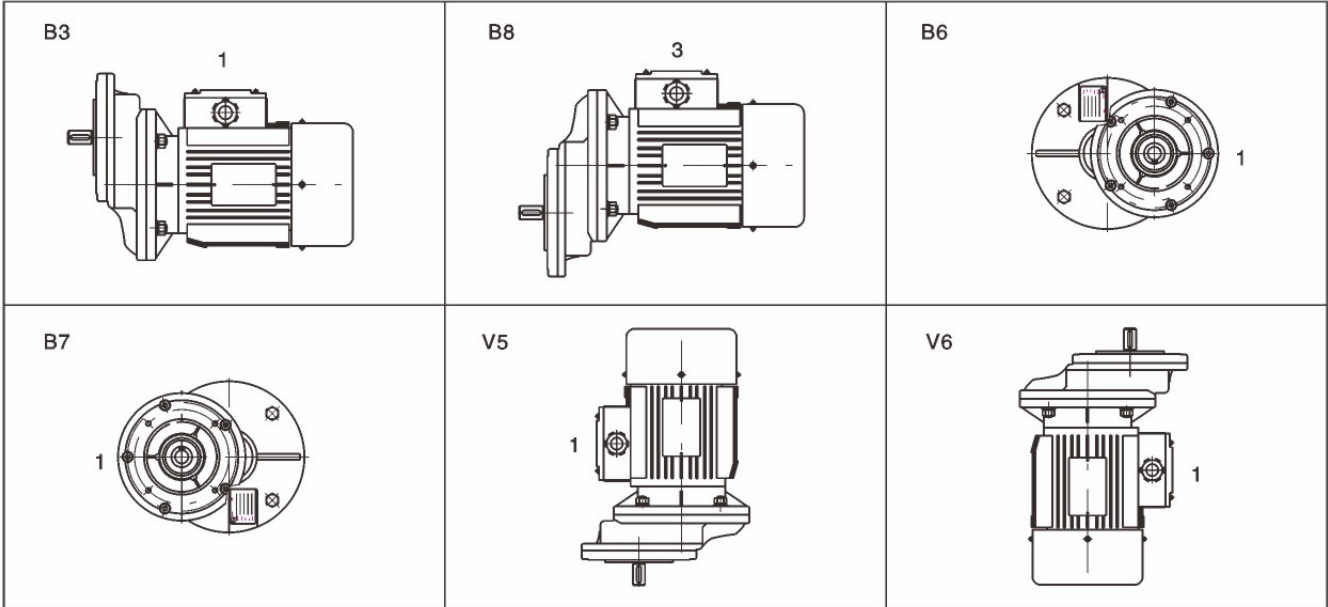
注：表中所列输出轴径“D(js6)”没有打“※”为有标准规格，打有“※”为非标规格，用户可根据需要选用。
Note:The output shaft's diameter "D(js6)" without "※"shown in the table is standard specification ,or the diameter without "※" is non-standard one; the user may select them based on the need

电机接线盒方向 Location of switchbox



注意：如有特殊要求，订货时按图表标明接线盒位置。
Notice:For specific requirement, indicate the position of switchbox based on the diagram in the order

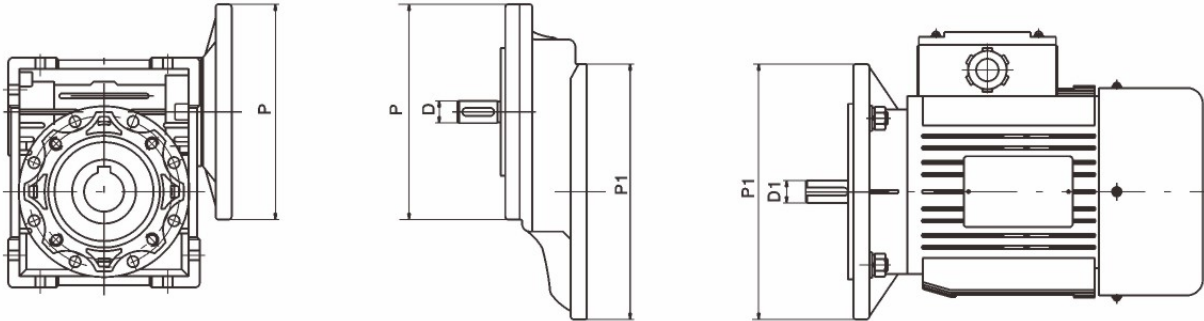
安装方式 Installation



注意：1、如无特殊说明，以B3为标准安装方式
2、无注明安装方式时,请与我公司技术部联系

Note:1、If no specific description,B3 is regarded as standard installation form.
2、If no installation form described, please contact our technical department.

PC+NMRV组合型减速机组合方式 Combined of PC+NMRV reducer



型号 Type	输入孔 (D1) Input hole	输入法兰 (P1) Input flange	输出轴 (D) Output shaft	输出轴 (D*) Output shaft	输出法兰 (P) Output flange
PC63	11	63B5(140)	11	14	71B14(105)
PC71	14	71B5(160)	14	19	80B14(120)
PC80	19	80B5(200)	19	24	100B14(160)
PC90	24	90B5(200)	24	28	100B14(160)

注意：D*为非标尺寸，订货时请注明。
Note: D* is a non-standard size, please indicate when ordering.

PC+NMRV		电机型号-P1/D1 motor type	P/D	(P/D)	备注 Remarks
PC063+	NMRV40	63B5-Φ140/Φ11	Φ105/Φ11	(Φ105/Φ14)	蜗杆减速机配输入法兰71B14型 Worm reducer is provided with 71B14 type input flange
	NMRV50				
	NMRV63				
PC071+	NMRV50	71B5-Φ160/Φ14	Φ120/Φ14	(Φ120/Φ19)	蜗杆减速机配输入法兰80B14型 Worm reducer is provided with 80B14 type input flange
	NMRV63				
	NMRV75				
	NMRV90				
PC080+	NMRV75	80B5-Φ200/Φ19	Φ160/Φ19	(Φ160/Φ24) (Φ160/Φ28)	蜗杆减速机配输入法兰71B5型 Worm reducer is provided with 71B5 type input flange
	NMRV90				
	NMRV110				
	NMRV130				
PC090+	NMRV110	90B5-Φ200/Φ24	Φ160/Φ24	(Φ160/Φ19) (Φ160/Φ28)	蜗杆减速机配输入法兰71B5型 Worm reducer is provided with 71B5 type input flange
	NMRV130				

注：打括号的尺寸为非标规格，用户可以根据需要选用。
Note:The dimension with bracket is non-standard specification:the user may select it based on the need.

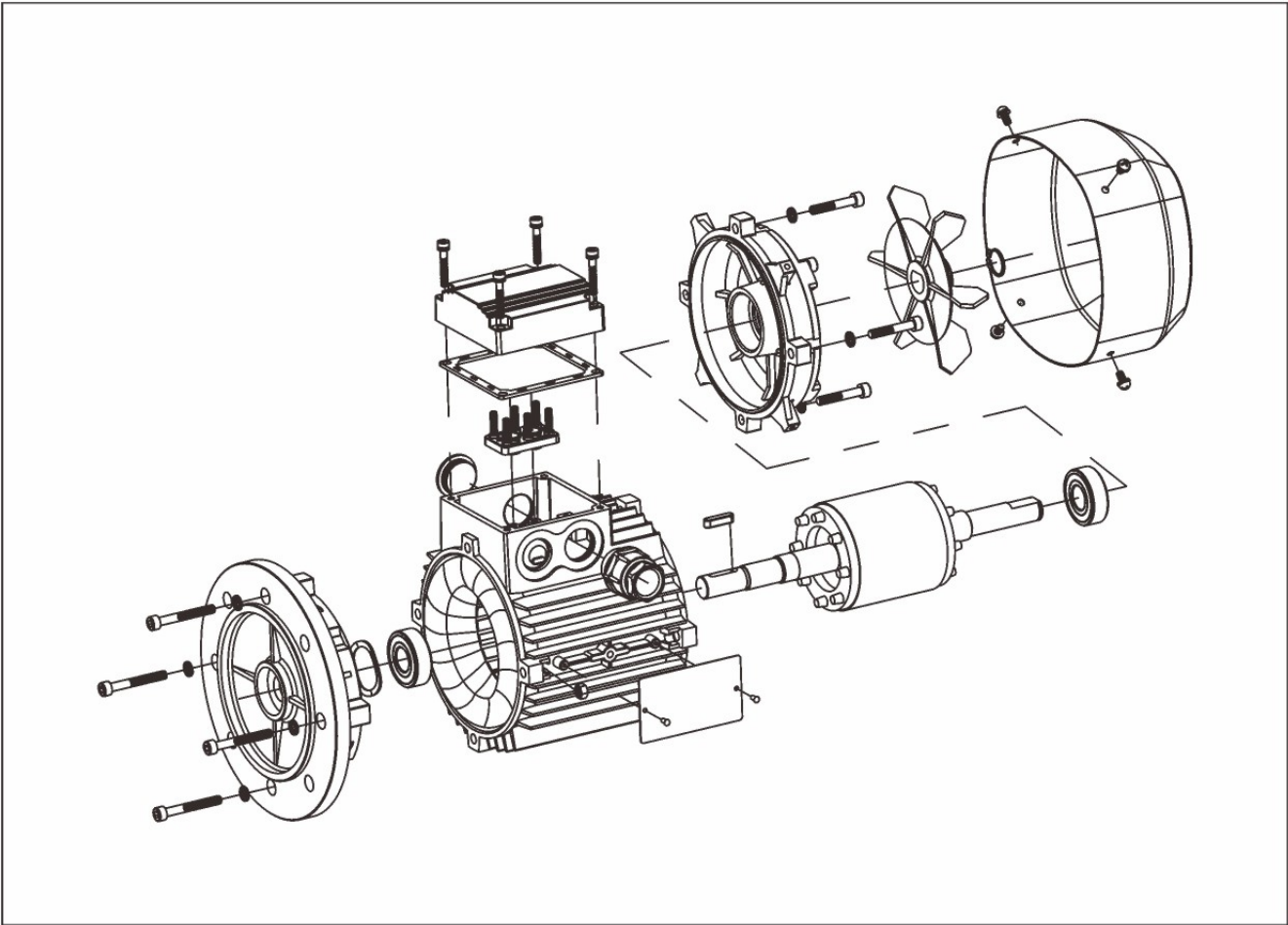
蜗杆减速机 机型号 Type	蜗杆减速机 速比 (i)	PC063		PC071		PC080			PC090		
		Φ105/Φ11 i=3	Φ105/Φ14 i=3	Φ120/Φ14 i=3	Φ120/Φ19 i=3	Φ160/Φ24 i=3	Φ160/Φ24 i=3	Φ160/Φ28 i=3	Φ160/Φ19 i=2.42	Φ160/Φ24 i=2.42	Φ160/Φ28 i=2.42
NMRV40	25										
	30										
	40										
	50										
	60										
	80										
	100										
NMRV50	25										
	30										
	40										
	50										
	60										
	80										
	100										
NMRV63	25										
	30										
	40										
	50										
	60										
	80										
	100										
NMRV75	25										
	30										
	40										
	50										
	60										
	80										
	100										
NMRV90	25										
	30										
	40										
	50										
	60										
	80										
	100										
NMRV110	25										
	30										
	40										
	50										
	60										
NMRV130	25										
	30										
	40										
	50										
	60										

YS系列三相异步电动机

YS SERIES THREE-PHASE ASYNCHRONOUS MOTOR



结构分解图 Structure diagram



型号标记 Signs and markl exaple

系列代号 Series code	YS	三相异步电动机 Three phase asynchronous motor	
机座号 Frame size	56	56 机座	Frame size 56
	63	63 机座	Frame size 63
	71	71 机座	Frame size 71
	80	80 机座	Frame size 80
	90	90 机座	Frame size 90
	100	100 机座	Frame size 100
	112	112 机座	Frame size 112
	132	132 机座	Frame size 132
铁芯规格 Spec.of iron core	1	1#长度规格	No.1 length spec
	2	2#长度规格	No.2 length spec
	3	3#长度规格	No.3 length spec
电机极数 Poles	2	2极	2 poles
	4	4极	4 poles
	6	6极	6 poles

产品标注 Product notes

电机产品标注按以下规则标注：系列代号+机座号+铁芯长度规格号+电机极数+安装形式。
例：YS 71 24 B3
YS 90L-2 B5

The marking principle for Motor products is following:
Series Code + Frame Size + Spec. of Iron Core + Poles + Mounting Position.

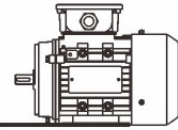
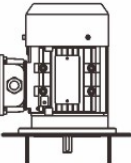
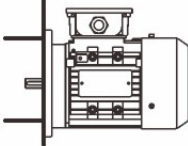
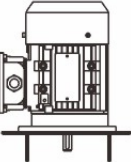
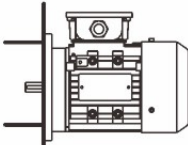
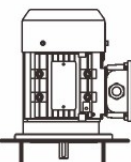
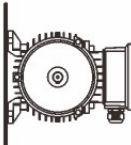
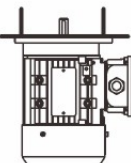
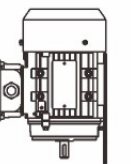
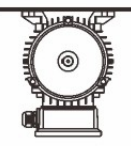
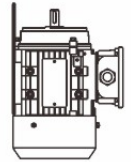
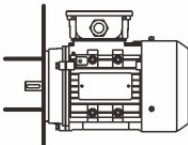
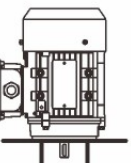
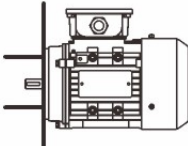
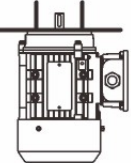
For example: YS 71 24 B3
YS 90L-2 B5

YS三相异步电动机性能参数 Performance parameter

型号 TYPE	功率 POWER (KW)	转速 N _n (R/MIN)	额定电流 I _N (A)	功率因素 COSΦ	额定转矩 M _N (N.M)	堵转转矩 M _{st} / M _N	最大转矩 M _{max} /M _N	堵转电流 I _s / I _N	效率 η (%)
2P η₀=3000r/min									
YS5612	0.09	2800	0.32	0.68	0.31	2.3	2.3	6	62
YS5622	0.12	2800	0.38	0.71	0.41	2.3	2.3	6	67
YS6312	0.18	2800	0.53	0.75	0.61	2.3	2.3	6	69
YS6322	0.25	2800	0.68	0.78	0.85	2.3	2.3	6	72
YS7112	0.37	2800	0.96	0.8	1.26	2.3	2.3	6	73.5
YS7122	0.55	2800	1.35	0.82	1.88	2.3	2.3	6	75.5
YS8012	0.75	2800	1.73	0.85	2.56	2.2	2.3	6	77.4
YS8022	1.1	2800	2.47	0.85	3.75	2.2	2.3	7	79.6
YS90S-2	1.5	2840	3.3	0.85	5.04	2.2	2.3	7	81.3
YS90L-2	2.2	2840	4.7	0.86	7.40	2.2	2.3	7	83.2
YS100L-2	3	2860	6.2	0.87	10.0	2.2	2.3	7.5	84.6
YS112M-2	4	2860	8.0	0.88	13.4	2.2	2.3	7.5	85.8
YS132S-2	5.5	2900	10.9	0.88	18.1	2.2	2.3	7.5	87
YS132M-2	7.5	2900	14.7	0.88	24.7	2.2	2.3	7.5	88.1
4P η₀=1500r/min									
YS5614	0.06	1380	0.28	0.58	0.42	2.4	2.4	6	56
YS5624	0.09	1380	0.39	0.61	0.62	2.4	2.4	6	58
YS6314	0.12	1380	0.48	0.63	0.83	2.4	2.4	6	60
YS6324	0.18	1380	0.65	0.66	1.25	2.4	2.4	6	64
YS7114	0.25	1400	0.83	0.68	1.71	2.4	2.4	6	67
YS7124	0.37	1400	1.12	0.72	2.52	2.4	2.4	6	69.5
YS8014	0.55	1400	1.56	0.73	3.75	2.4	2.4	6	73.5
YS8024	0.75	1400	1.91	0.75	5.12	2.3	2.4	6	79.6
YS90S-4	1.1	1420	2.6	0.78	7.40	2.3	2.4	6.5	81.4
YS90L-4	1.5	1420	3.5	0.79	10.1	2.3	2.4	6.5	82.8
YS100L1-4	2.2	1420	4.9	0.81	14.8	2.3	2.3	6.5	84.3
YS100L2-4	3	1420	6.5	0.82	20.2	2.3	2.3	7	85.5
YS112M-4	4	1440	8.6	0.82	26.5	2.3	2.3	7	86.6
YS132S-4	5.5	1450	11.5	0.83	36.2	2.3	2.3	7	87.7
YS132M-4	7.5	1450	15.3	0.84	49.4	2.3	2.3	7	88.7
6P η₀=1000r/min									
YS7116	0.18	910	0.76	0.61	1.89	2.0	2.0	5.5	59
YS7126	0.25	910	0.97	0.62	2.62	2.0	2.0	5.5	63
YS8016	0.37	910	1.33	0.62	3.88	2.0	2.0	5.5	68
YS8026	0.55	910	1.84	0.64	5.77	2.0	2.1	5.5	71
YS90S-6	0.75	920	2.2	0.68	7.79	2.0	2.1	5.5	75.9
YS90L-6	1.1	920	3.1	0.7	11.4	2.0	2.1	6	78.1
YS100L-6	1.5	940	3.8	0.75	15.2	2.0	2.1	6	79.8
YS112M-6	2.2	940	5.4	0.76	22.4	2.0	2.1	6.5	81.8
YS132S-6	3	960	7.2	0.76	29.8	2.1	2.1	6.5	83.3
YS132M1-6	4	960	9.5	0.76	39.8	2.1	2.1	6.5	84.6
YS132M2-6	5.5	960	12.6	0.77	54.7	2.1	2.1	6.5	86

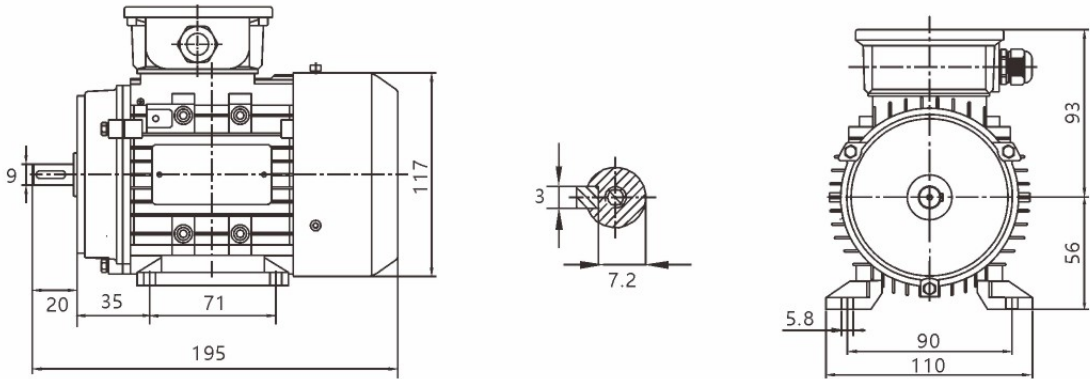
电机结构安装型式 Electric structure mounting position

符合GB997 / IEC60034-7标准 Accordance with GB997and IEC60034-7standard

	B3 IM 1001		V1 IM 3011
	B5 IM 3001		V1/V5 IM 2011
	B3/B5 IM 2001		V3 IM 3031
	B6 IM 1051		V3/V6 IM 2031
	B7 IM 1061		V5 IM 1011
	B8 IM 1071		V6 IM 1031
	B14 IM 3601		V18 IM 3611
	B3/14 IM 2101		V19 IM 3631

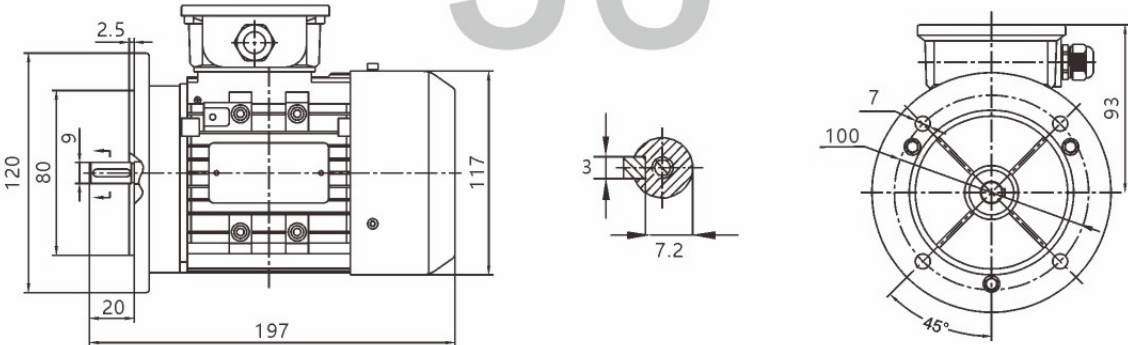
YS(H)56 尺寸 YS(H)56 Dimensions

YS(H)56 -B3

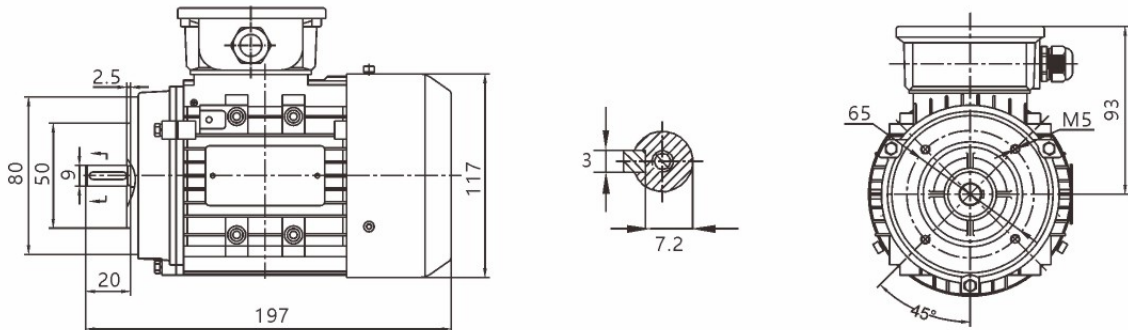


YS(H)56 -B5

56



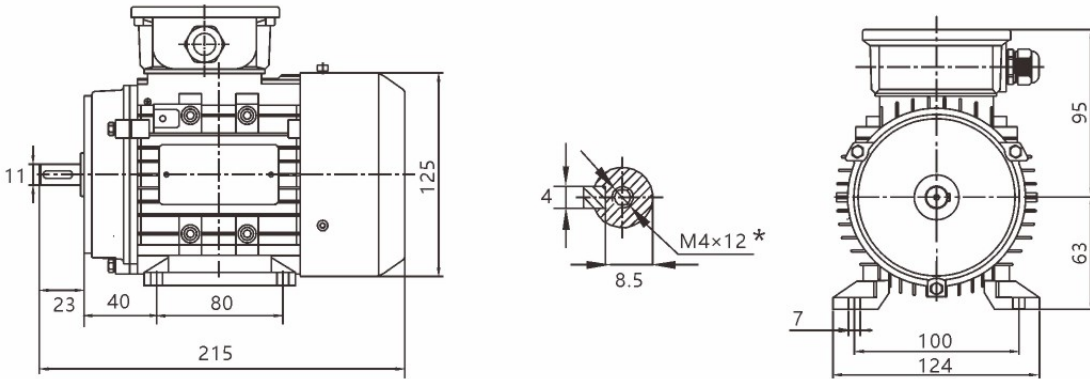
YS(H)56 -B14



注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

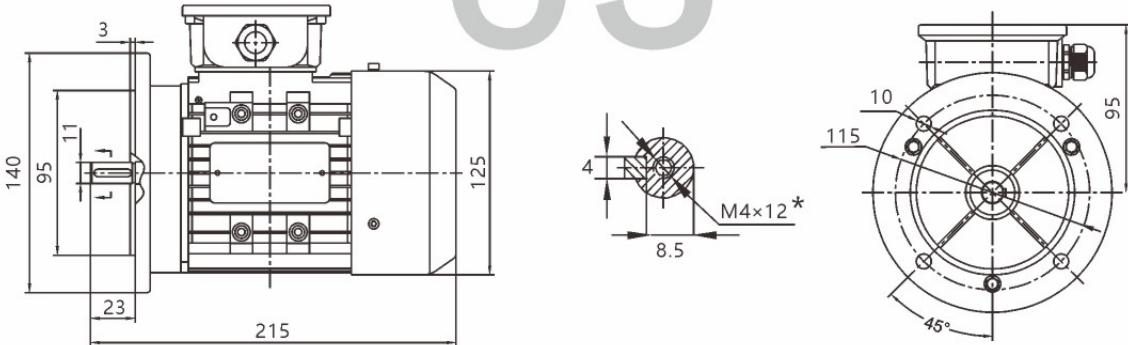
YS(H)63 尺寸 YS(H)63 Dimensions

YS(H)63 -B3

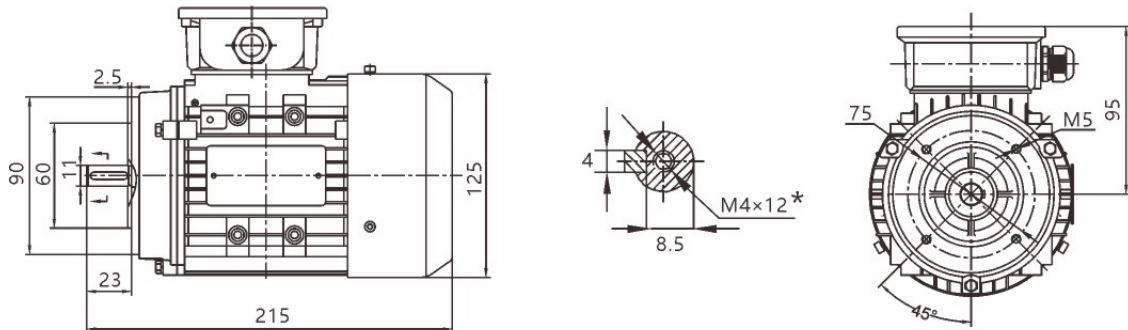


YS(H)63 -B5

63



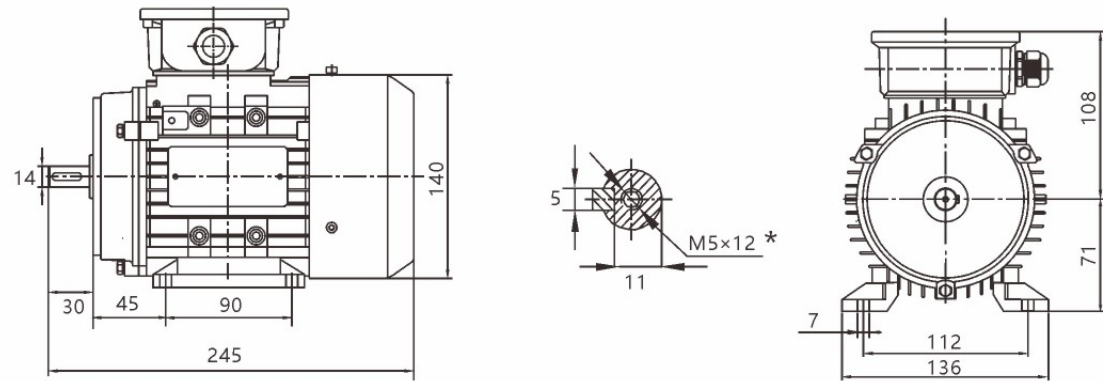
YS(H)63 -B14



注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

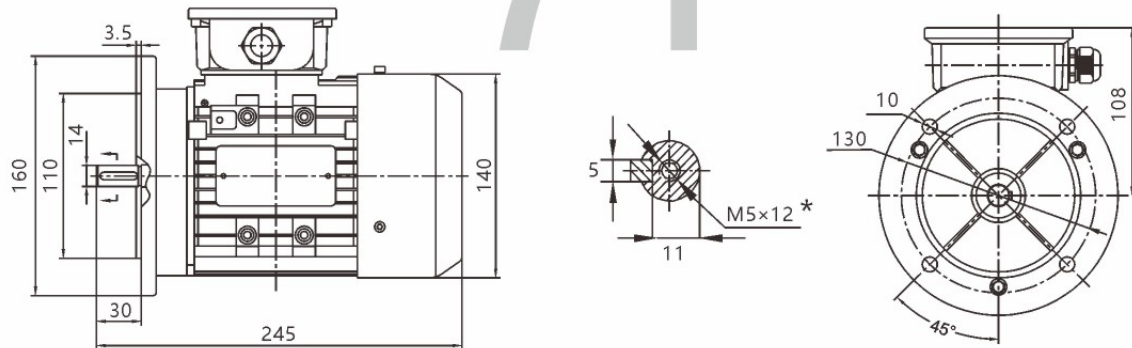
YS(H)71 尺寸 YS(H)71 Dimensions

YS(H)71 -B3

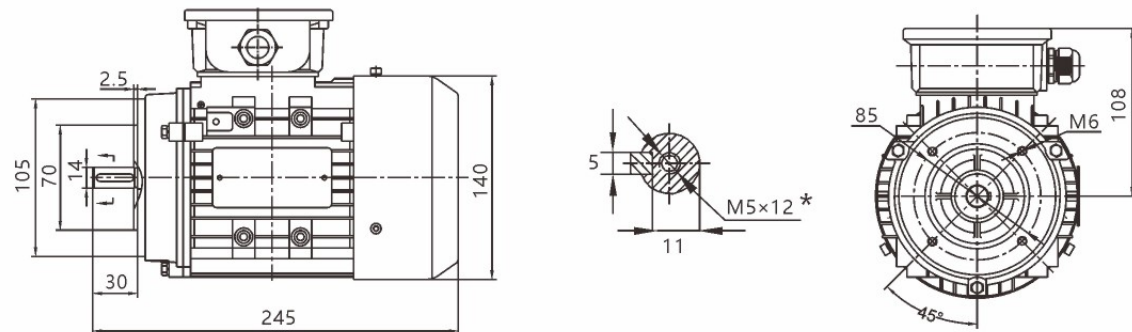


YS(H)71 -B5

71



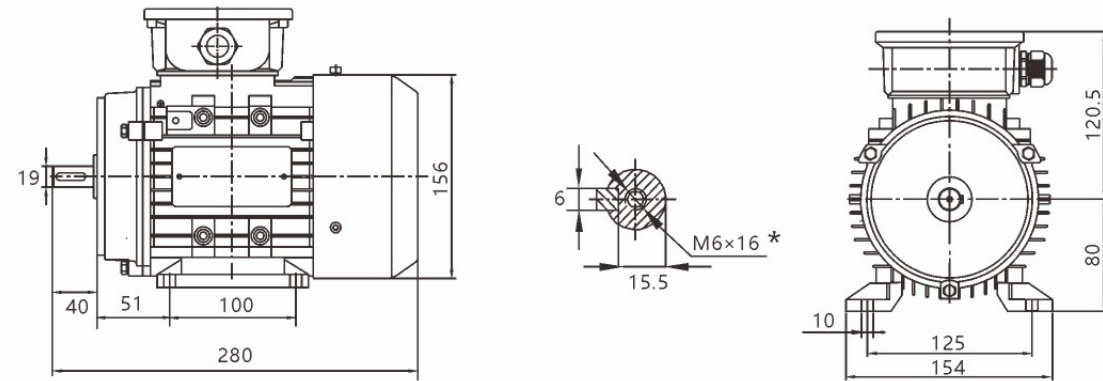
YS(H)71 -B14



注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

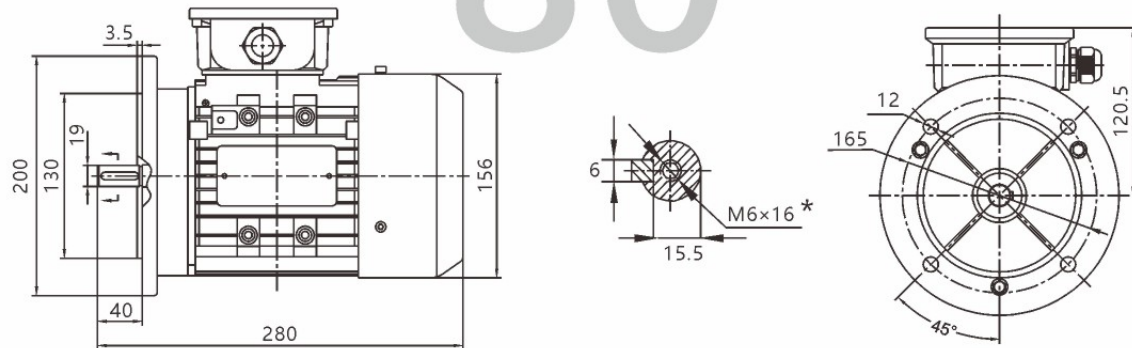
YS(H)80 尺寸 YS(H)80 Dimensions

YS(H)80 -B3

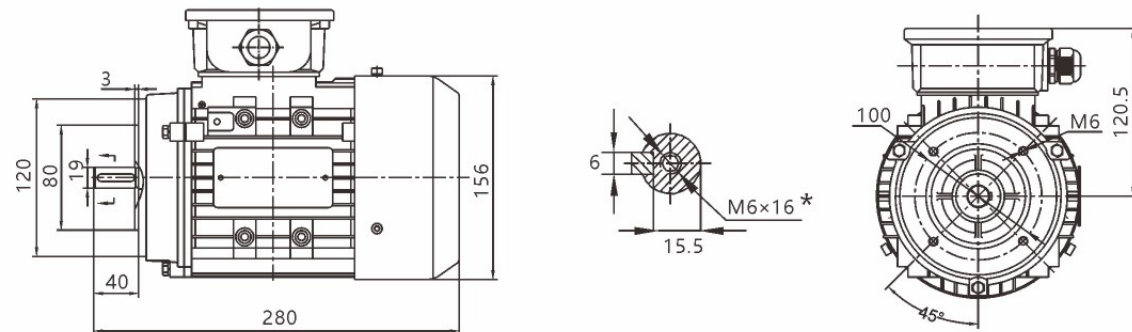


YS(H)80 -B5

80



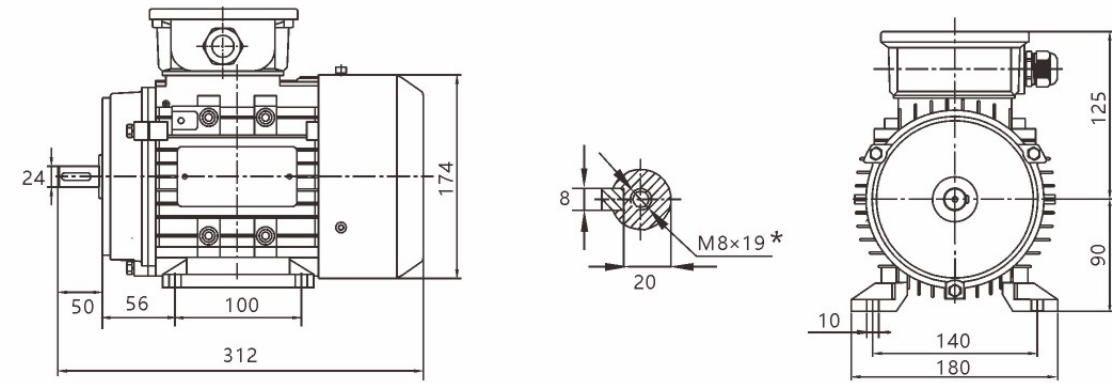
YS(H)80 -B14



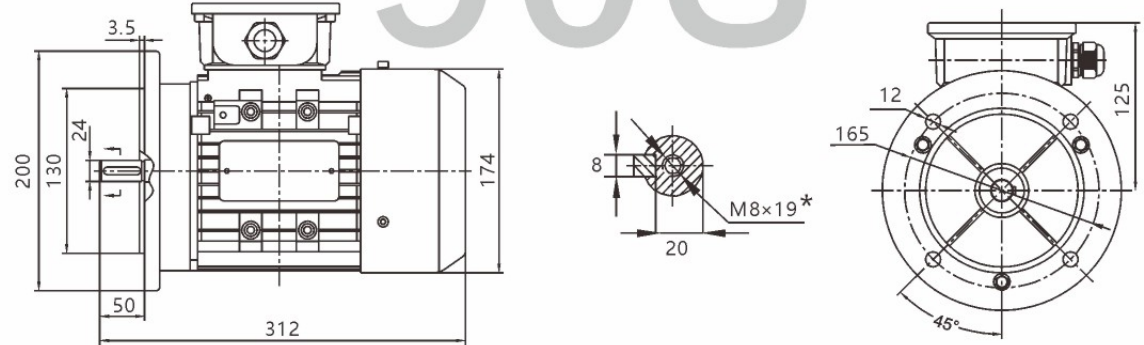
注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

YS(H)90S 尺寸 YS(H)90S Dimensions

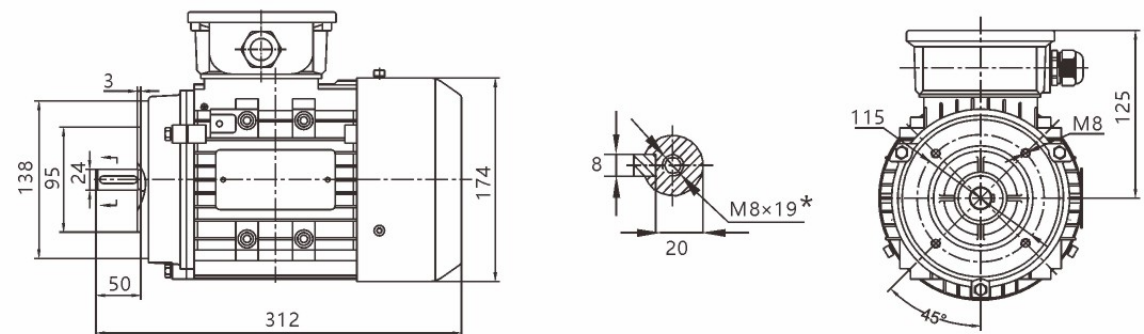
■ YS(H)90S -B3



■ YS(H)90S -B5



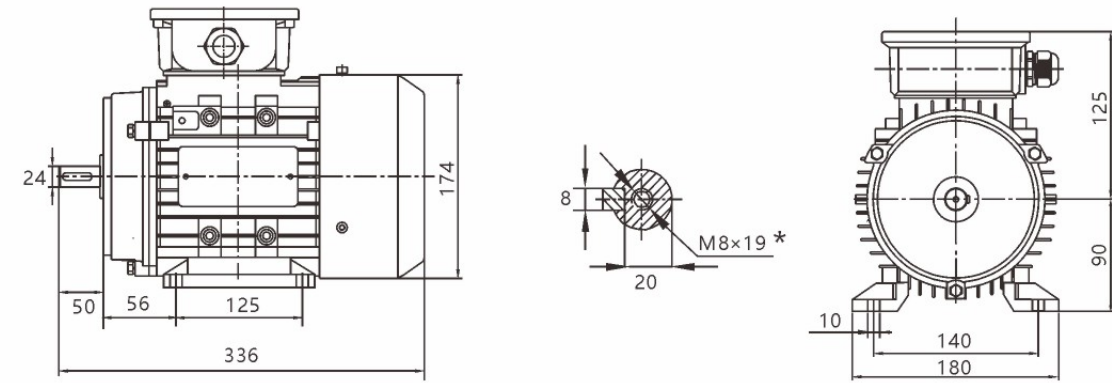
■ YS(H)90S -B14



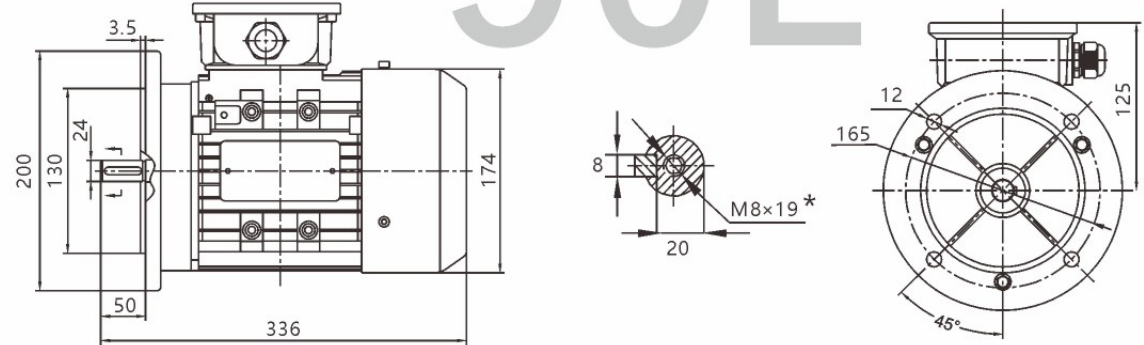
注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

YS(H)90L 尺寸 YS(H)90L Dimensions

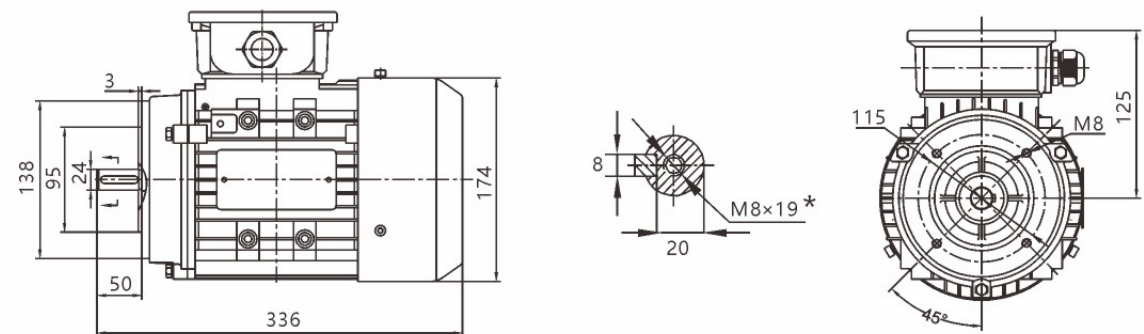
■ YS(H)90L -B3



■ YS(H)90L -B5



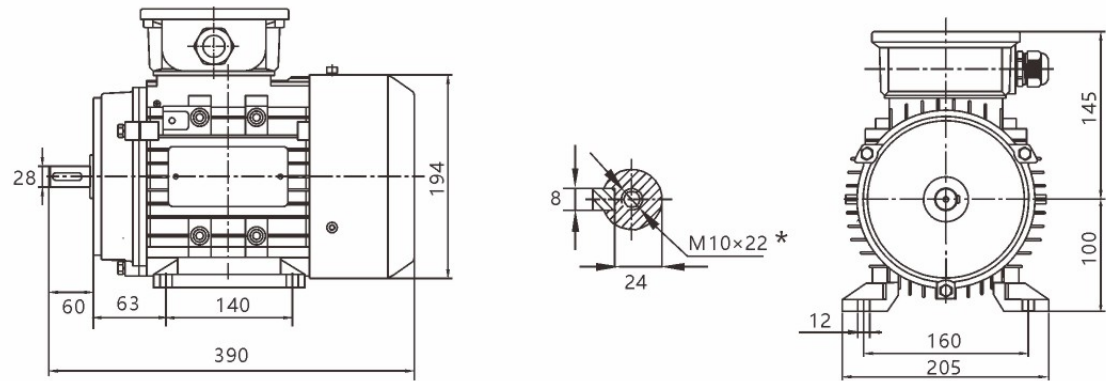
■ YS(H)90L -B14



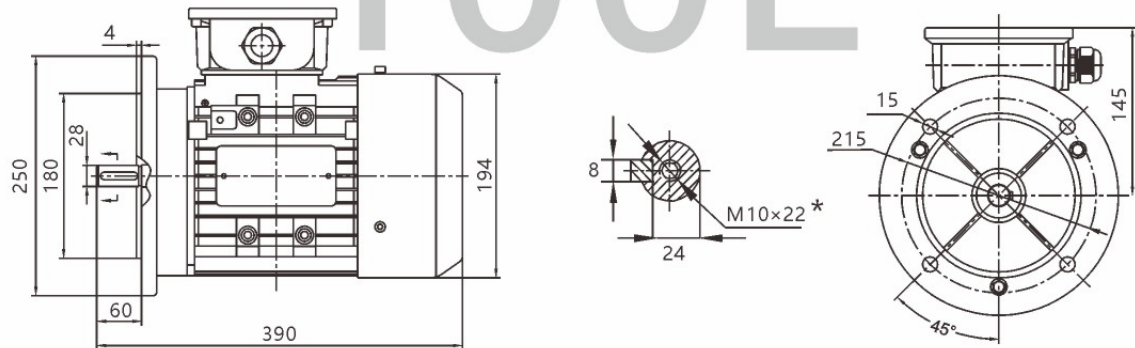
注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

YS(H)100L 尺寸 YS(H)100L Dimensions

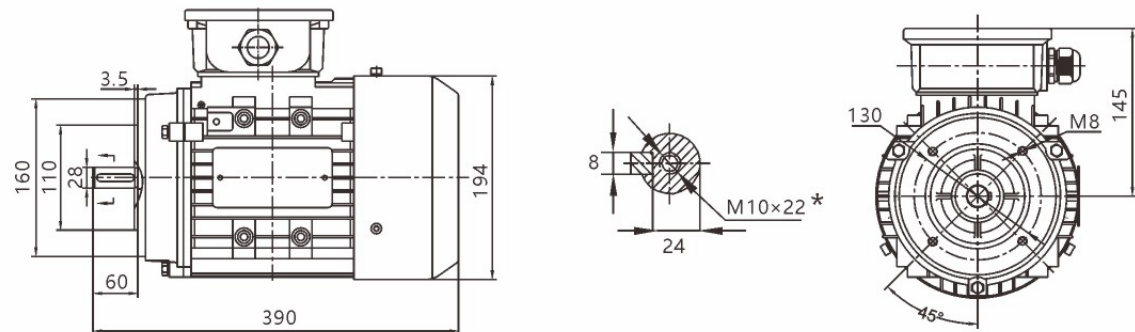
■ YS(H)100L -B3



■ YS(H)100L -B5



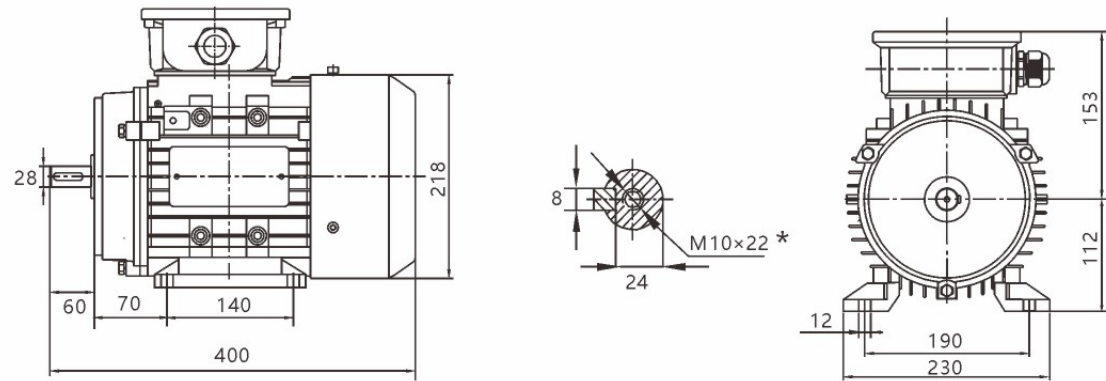
■ YS(H)100L -B14



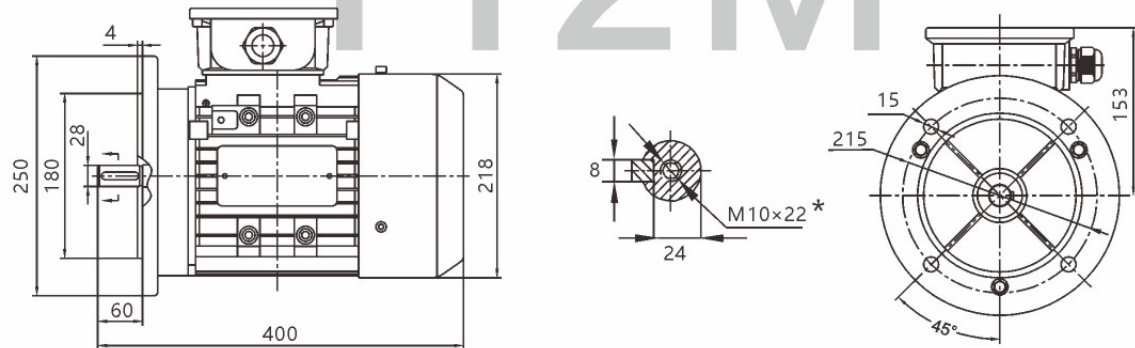
注意：带“*”号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

YS(H)112M 尺寸 YS(H)112M Dimensions

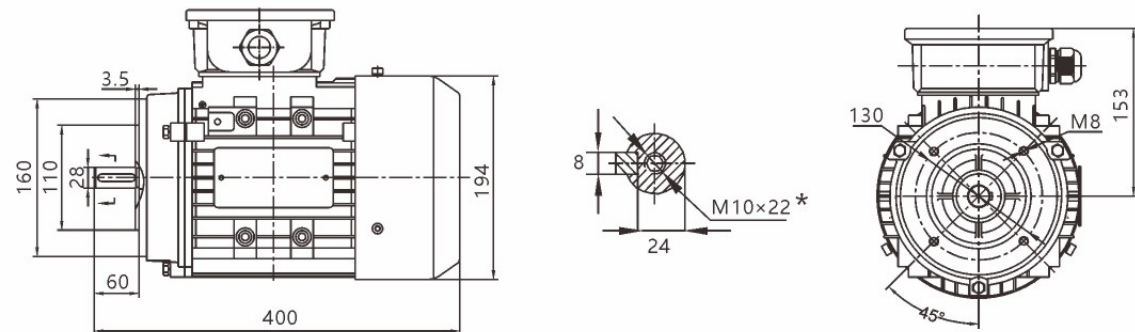
■ YS(H)112M -B3



■ YS(H)112M -B5



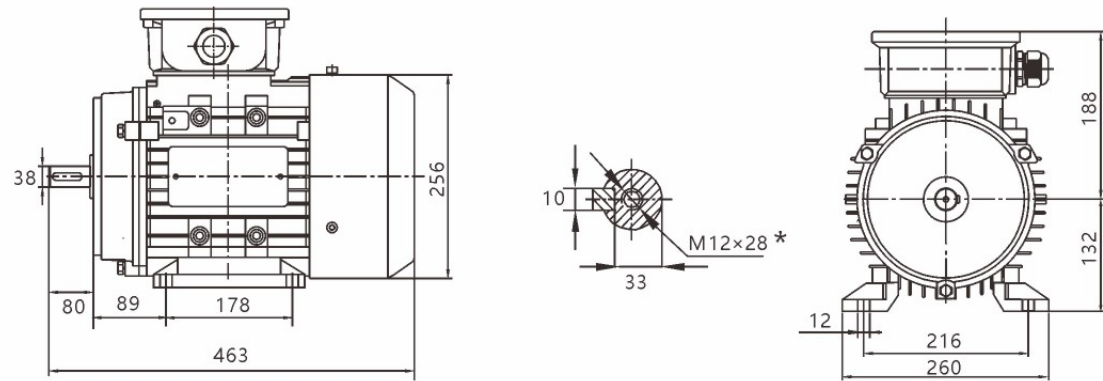
■ YS(H)112M -B14



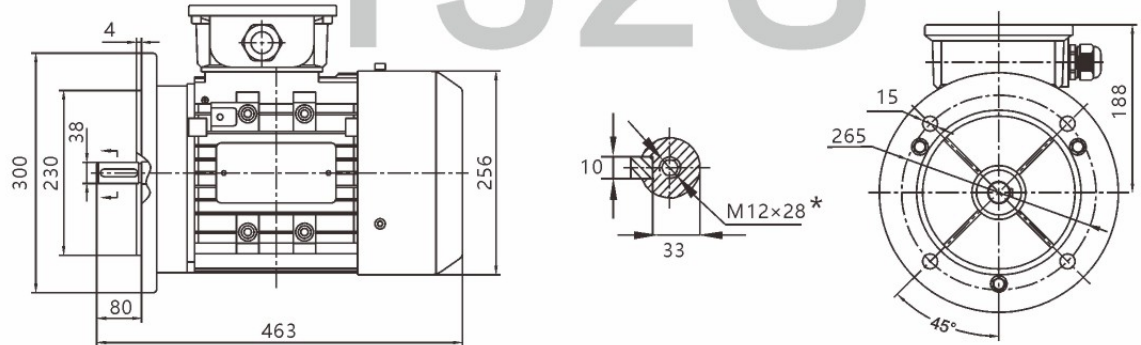
注意：带“*”号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

YS(H)132S 尺寸 YS(H)132S Dimensions

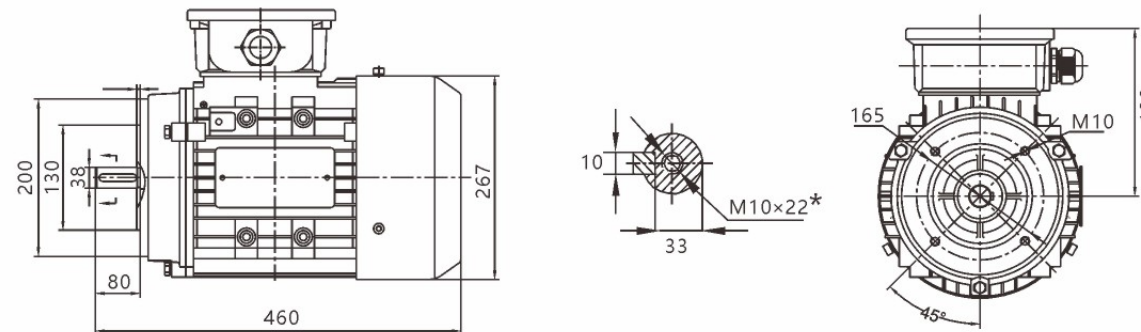
■ YS(H)132S -B3



■ YS(H)132S -B5



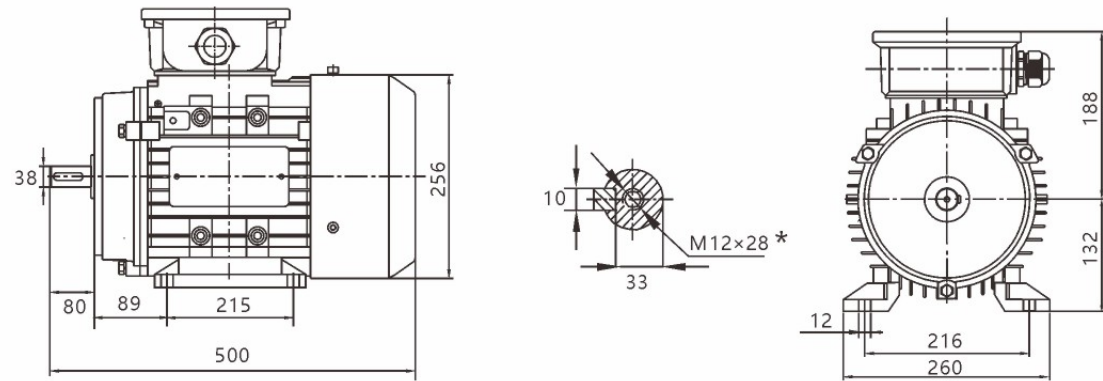
■ YS(H)132S -B14



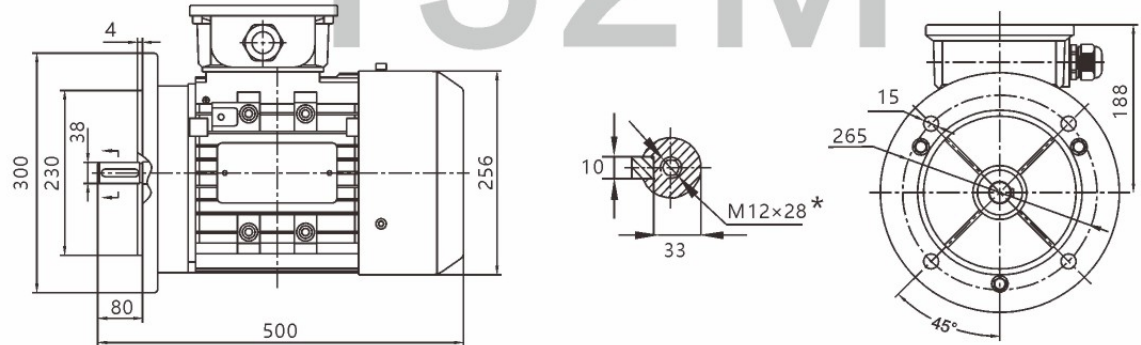
注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

YS(H)132M 尺寸 YS(H)132M Dimensions

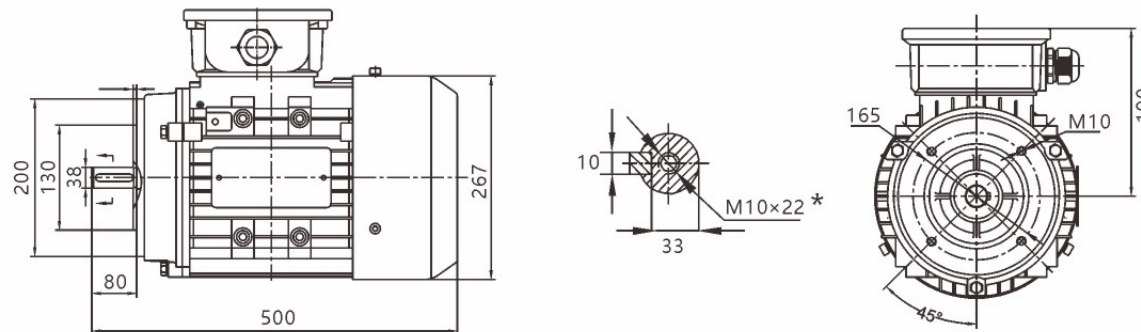
■ YS(H)132M -B3



■ YS(H)132M -B5



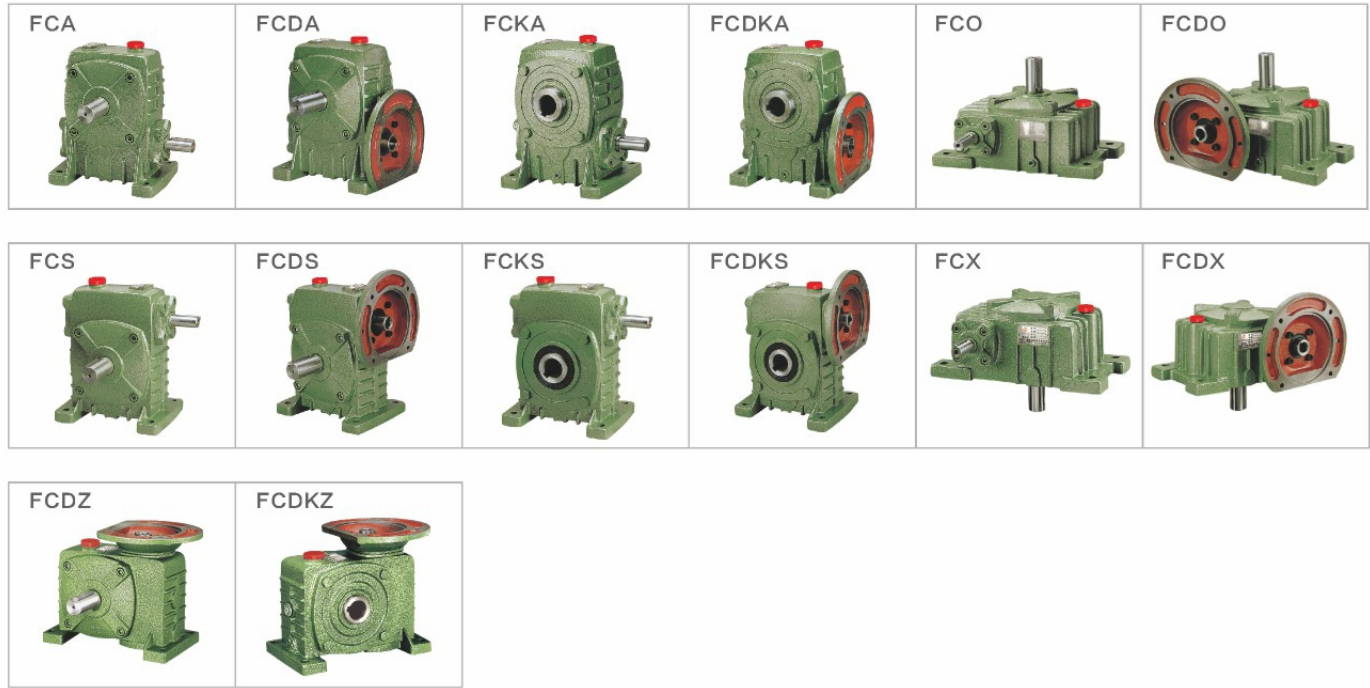
■ YS(H)132M -B14



注意：带 “*” 号的尺寸为可选项，标准品不含此尺寸。Note: The size marked with “*” is optional and not included in the standard product.

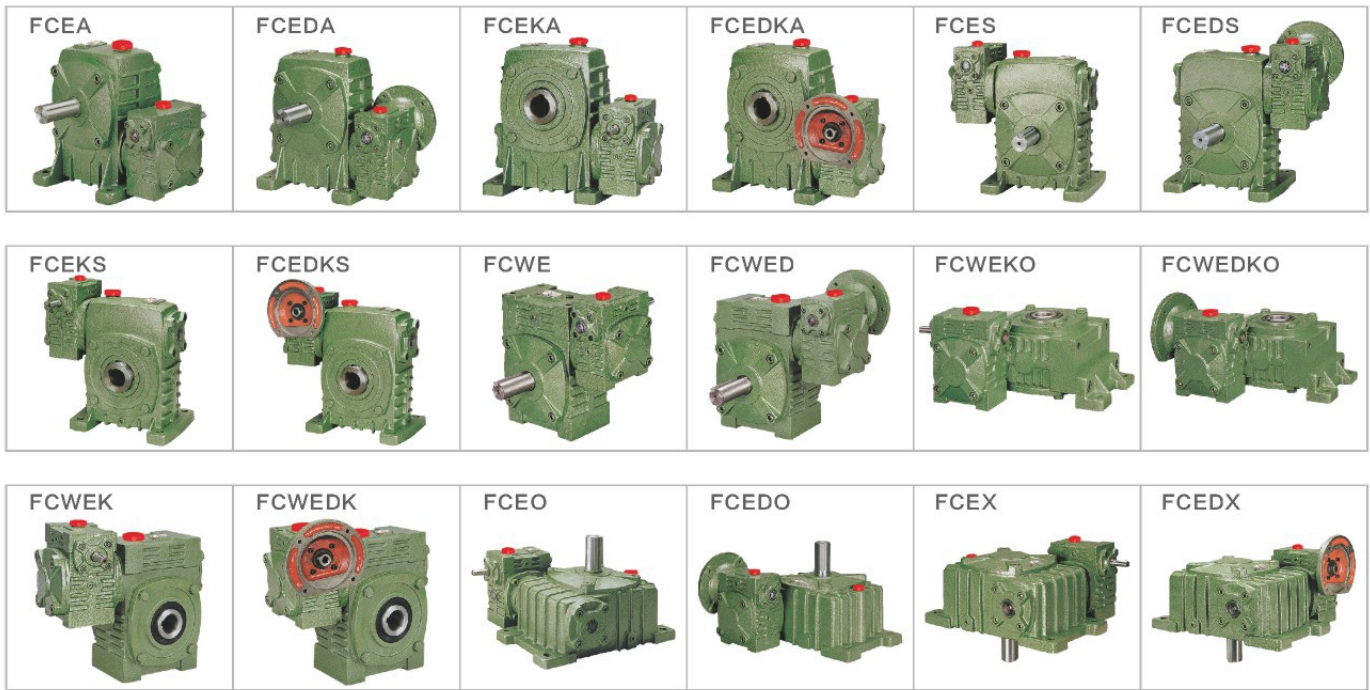
单级减速机
Single Speed Reducer

速比 Ratio: 1/10-1/60



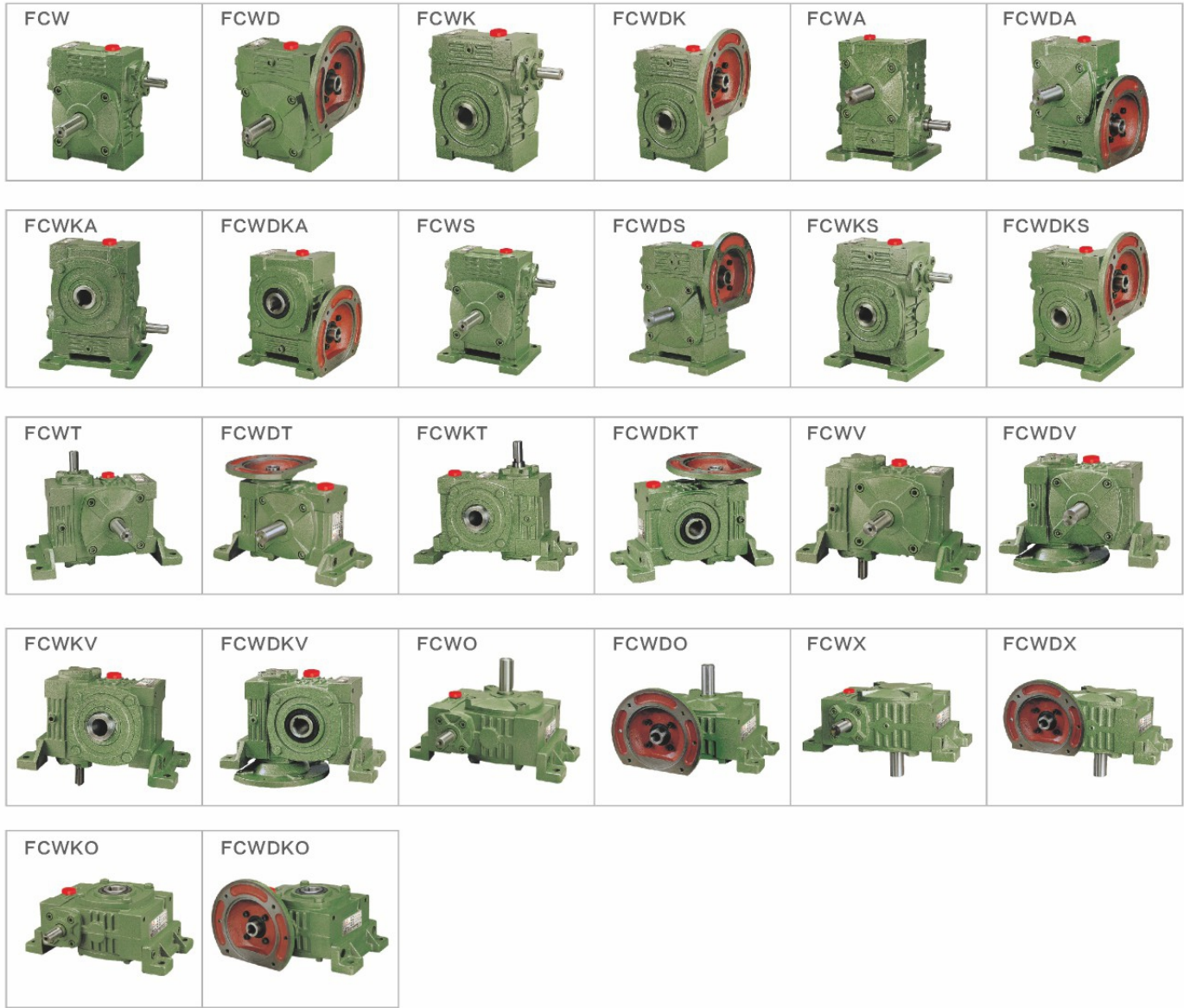
双级减速机
Double Speed Reducer

速比 Ratio: 1/100-1/3600



万能型减速机
Universal Speed Reducer

速比 Ratio: 1/10-1/60

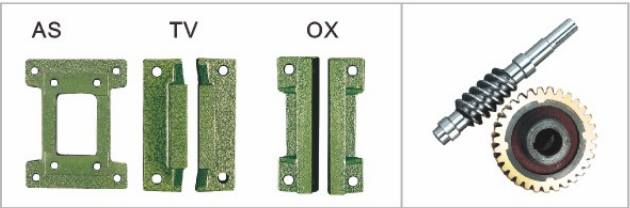


多级减速机
Multistage Speed Reducer

速比1/1000-1/216000



其他产品
Other Products



产品图片



圆柱型



法兰型



螺纹型



扁头型



伺服法兰型



电机法兰型



防旋护管型



护管法兰型



升降螺母型



升降螺母电机型



电机法兰配RV型



产品特点 / Products features

DKM系列斜齿-准双曲面齿轮减速机是我公司自主研发的新一代实用性产品。融合了国内外先进技术，具有以下一些主要特点：

1. 采用准双曲面齿轮传动，传动比大；
2. 输出扭矩大，传动效率高，节能环保；
3. 优质铝合金铸造，重量轻，不生锈；
4. 传动平稳，噪音小，适合在恶劣环境中长期连续工作；
5. 美观耐用，体积小；
6. 可适应全方位安装，应用广泛，使用方便；
7. DKM系列减速机安装尺寸与NMRV系列蜗轮蜗杆减速机完全兼容（DKM28与NMRV050部分尺寸不同）；
8. 模块化组合，可多种形式组合，满足各种传动条件的需求。

DKM series helical-hypoid gear units is a new-generation of product developed by our company,with a compromise of advanced technology both at home and abroad,its main features are as follows:

- 1.Driven by hypoid gear,has big ratios.
- 2.Large in output torque,high efficiency,energy saving and environmental protection.
- 3.Made of high-quqlity aluminum alloy,light in weight and nonrusting.
- 4.Smooth in running and low in noise,can work long time in dreadful conditions.
- 5.Good-looking in appearance,durable in service life and small in volume.
- 6.Suitable for all round installation,wide application and easy of use.
- 7.The mounting dimension of DKM series are compatible with NMRV series worm gear unit(A part of NMRV050 dimensions are different from DKM28).
- 8.Modulaw and multistructure can meet the demands of various conditions.

主要材料 / Main materials

1. 外壳：铝合金（机座：28-58）
2. 齿轮：20CrMnTi，渗碳淬火，齿面硬度56-62HRC，精磨后保持渗碳层厚度0.3-0.5mm。

1. Housing:die-cast aluminum alloy (frame size:28 to 58);
2. Gear wheel:20CrMnTi,carbonize & quencher heat treatment make the hardness of gear's surface up to 56-62 HRC,retain carburization layer's thickness 0.3 and 0.5mm after precise grinding.