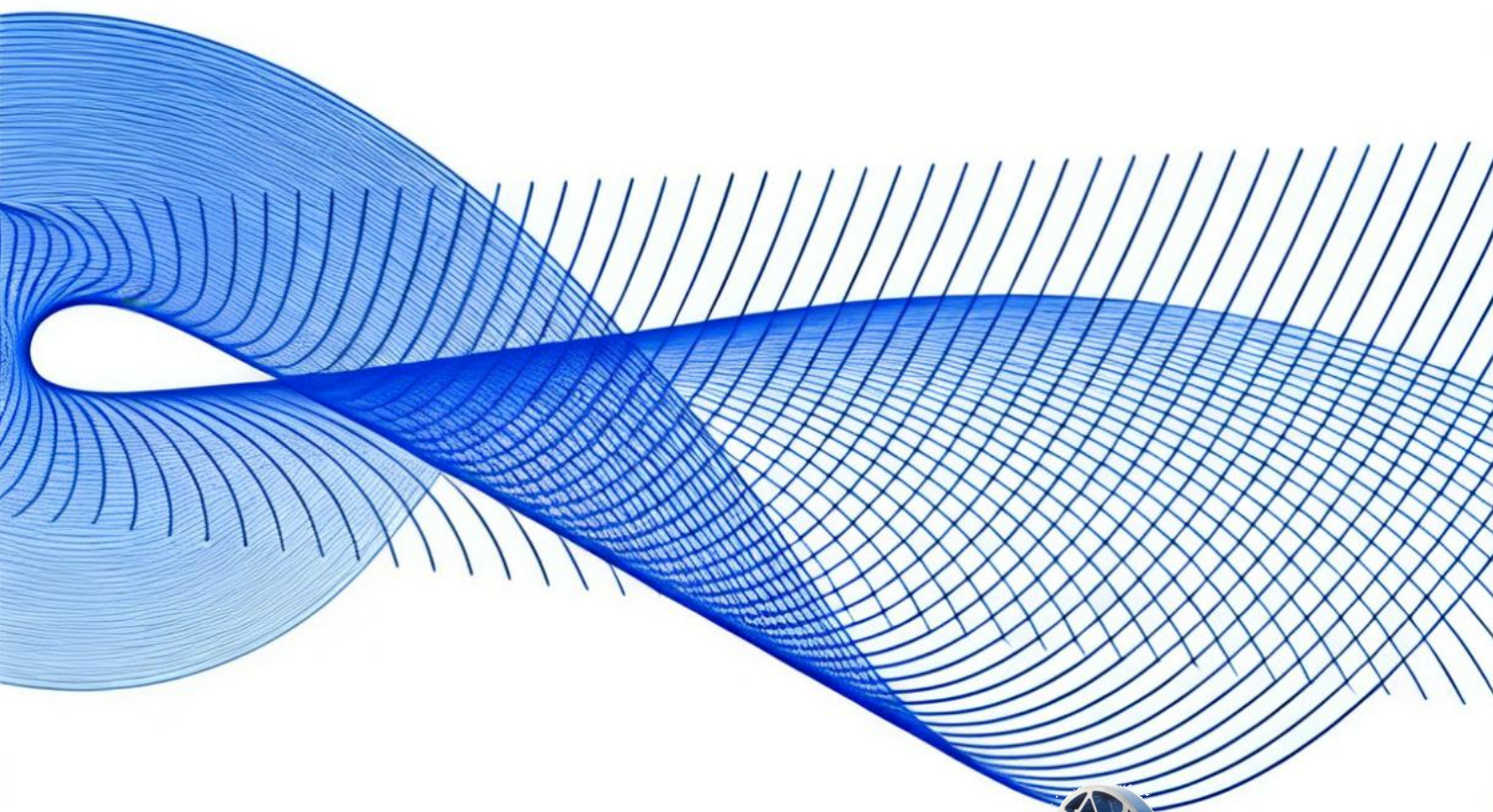


Hangzhou GT Rail Traffic Equipment Co., Ltd

IVH Drive: Global Power Transmission Solutions



NMRV Catalogue

About Us

IVH DRIVE was founded in 2011 and headquartered in Hangzhou, is a National High-Tech Enterprise integrating R&D, manufacturing, and sales. With over 150 employees (15% in R&D) and a 32,000 m² smart production base, the company achieves an annual turnover of 150 million RMB (with 30% from exports), maintaining steady growth. Holding prestigious international certifications such as CE, UL, and CSA, IVH DRIVE is committed to providing domestic alternatives for high-end transmission equipment, delivering high-efficiency and high-stability power solutions for the global rail traffic and industrial sectors. Our products are widely utilized in diverse industries, including smart logistics, food packaging, energy & mining, and construction machinery. To date, we have exported to 25 countries, with a business footprint spanning Europe, North America, Southeast Asia, and the Middle East, making us your trusted partner for industrial power.

2011

SINCE

25+

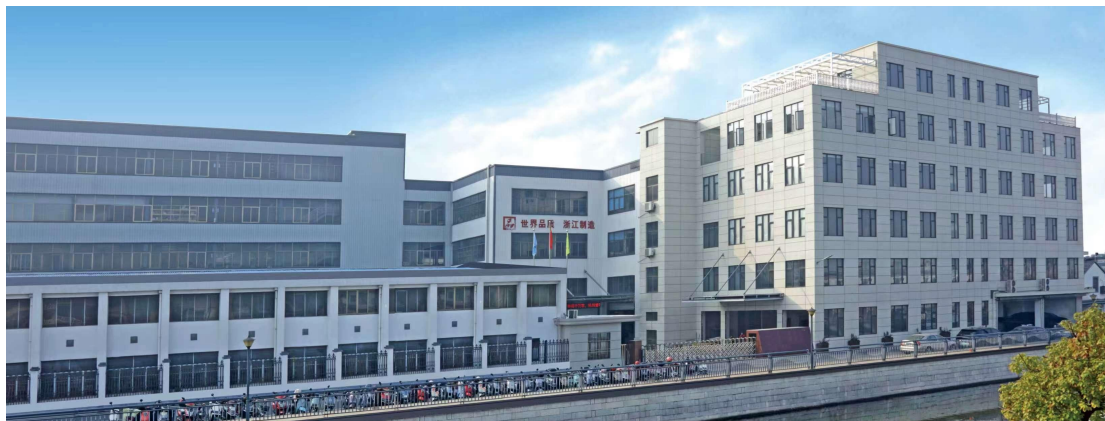
EXPORT COUNTRIES

40+

PRODUCT COVERAGE

8

FACTORIES DISTRIBUTION



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Product Picture:



NMRV



NMRV..法兰



NMRV..VS



NRV



NRV..VS



NMRV..AS



NMRV+NMRV

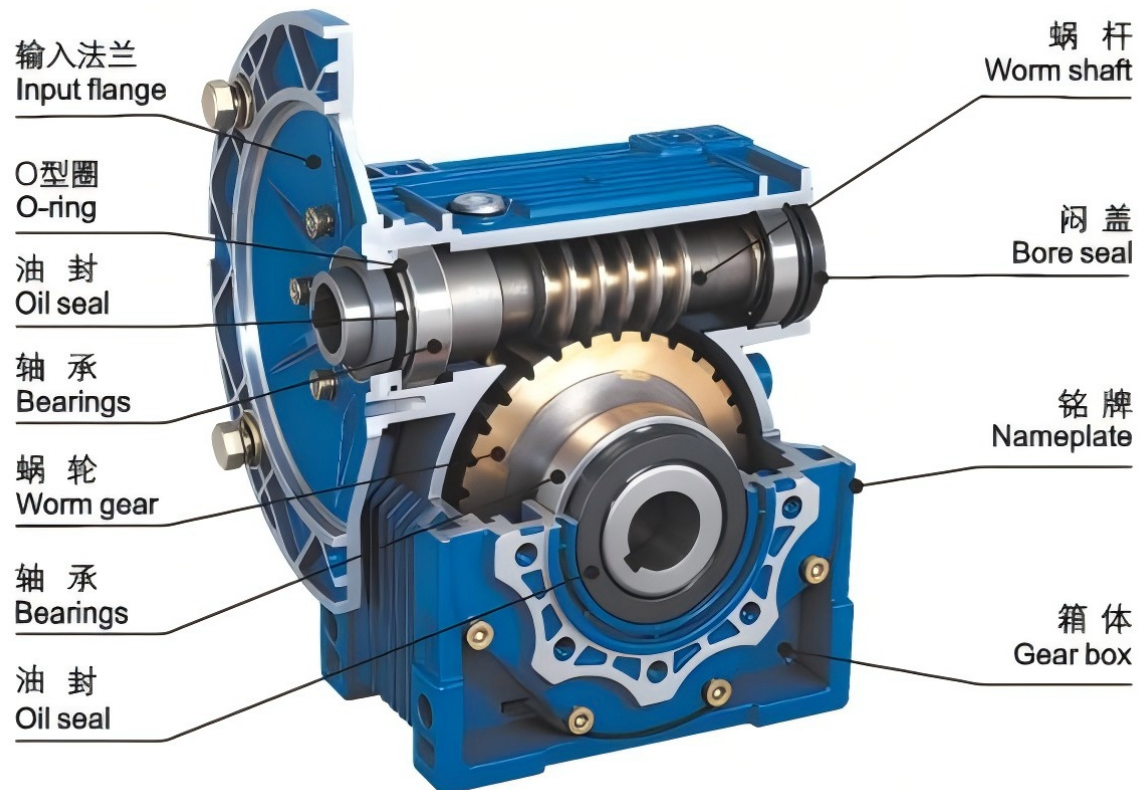


NMRV..TA



PC+NMRV

Product Structural Diagram:



Product Summary:

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.

Model Notes:

NMRV/NRV



NMRV



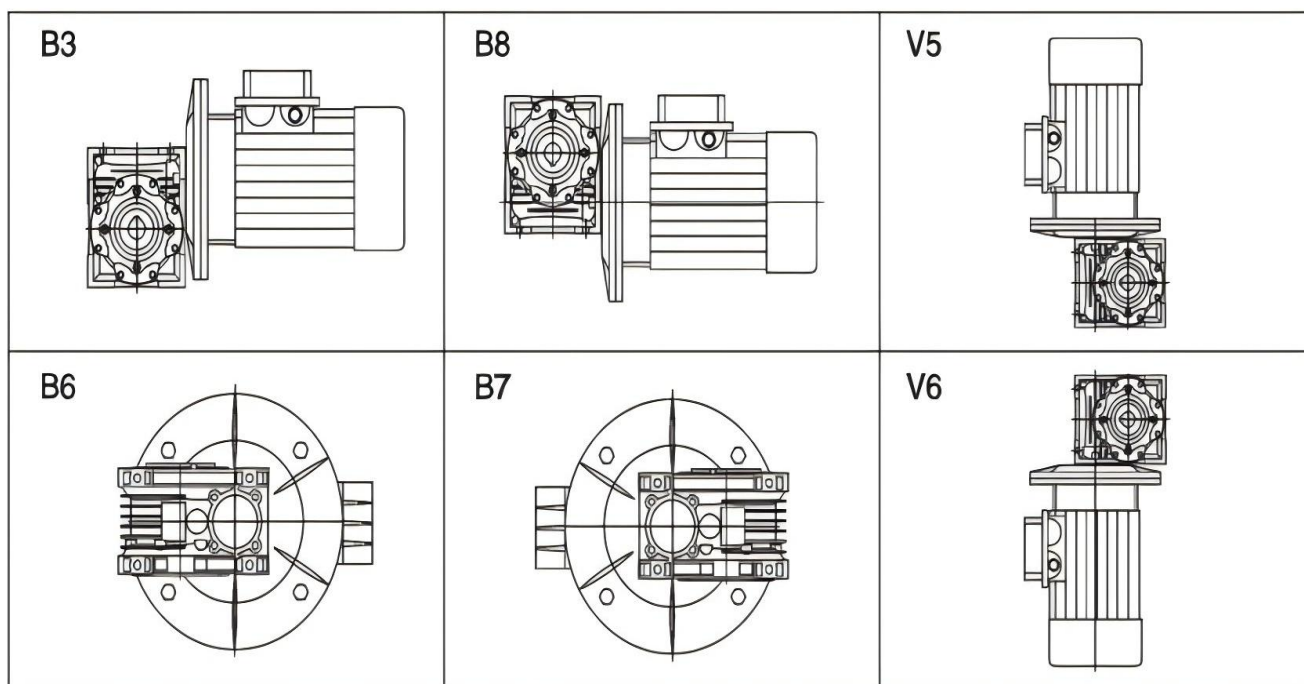
NRV

型号说明 MODEL NOTES

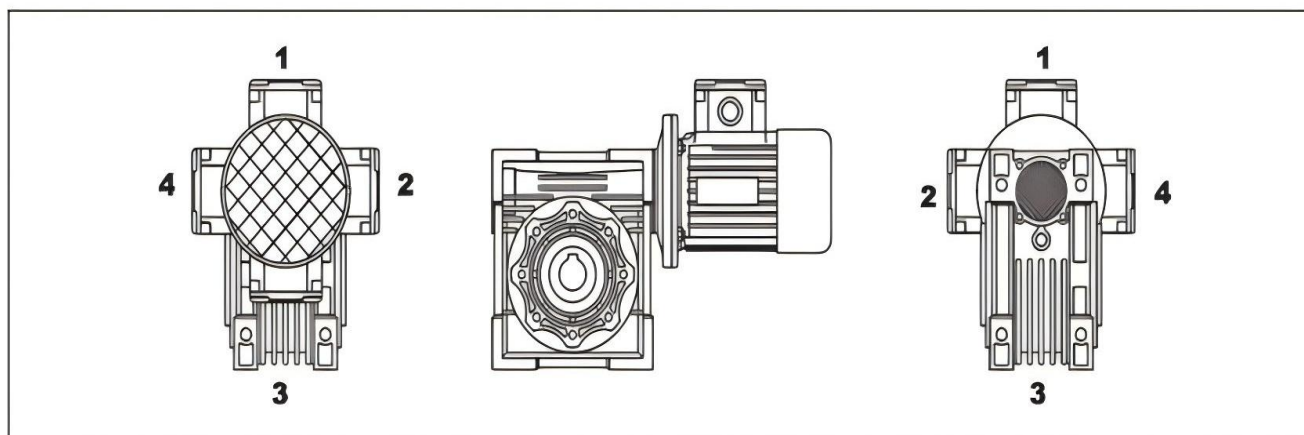
NMRV-063-30-VS-F1 (FA)-AS-80B5-0.55kW-B3			
NMRV	蜗轮减速机 Worm gear speed reducer		
NRV	蜗轮减速机(配接输入轴) Worm gear speed reducer (Matching input shaft)		
063	蜗轮减速机中心距 Center distance		
30	减速比 Reduction ratio		
VS	双向输入轴 Double input shaft	F1 (FA)	输出法兰位置及型号 Output flange
AS	单向输出轴 Single output shaft	AB	双向输出轴 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

Mounting Positions:

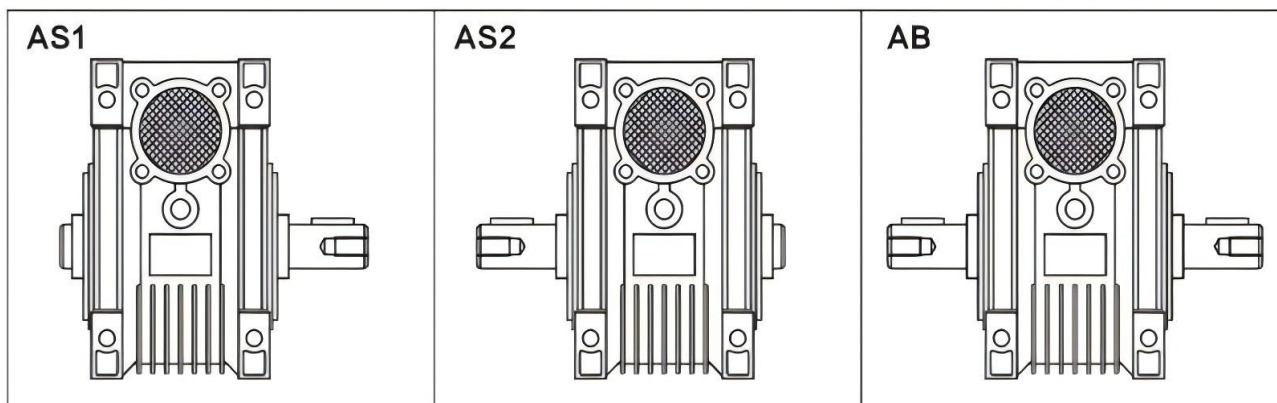
单级安装型式 SINGLE STEP MOUNTING POSITIONS



接线盒安装方式 POSITION OF TERMINAL BOX



输出轴配置 POSITION OF OUTPUT SHAFT

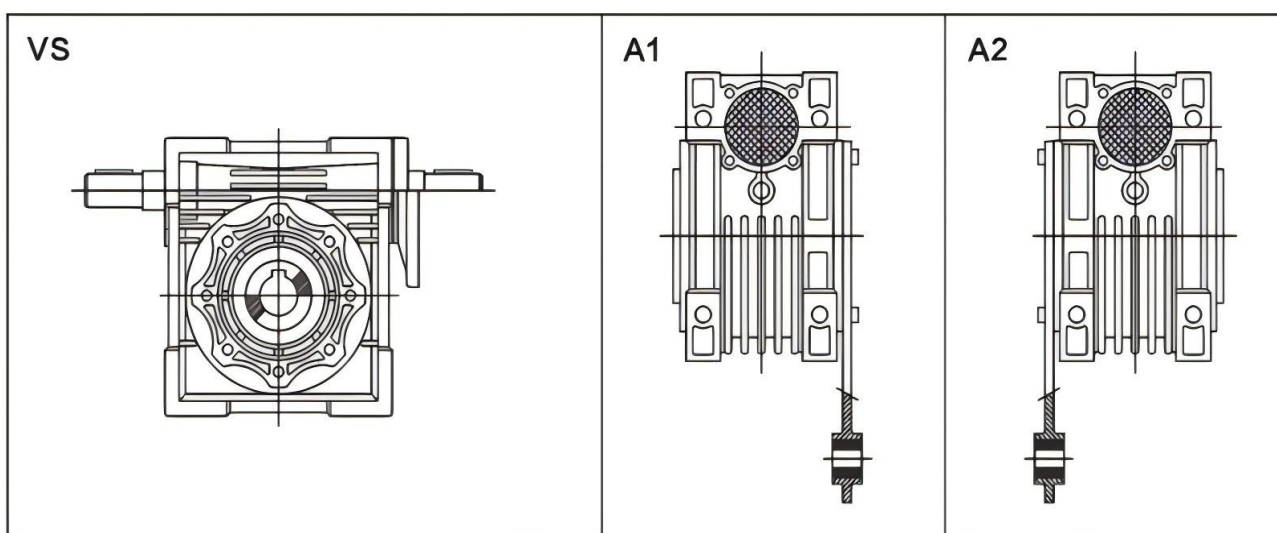


双向输入轴

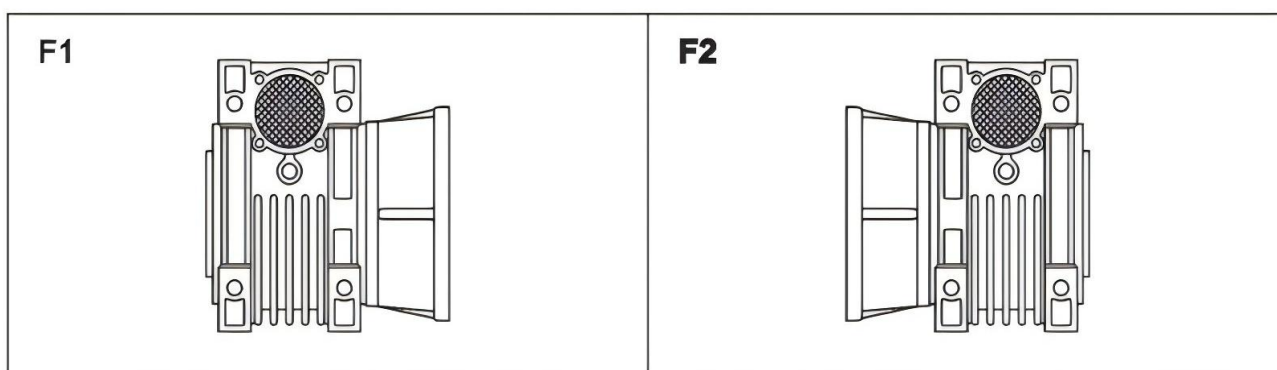
DOUBLE EXTENSION WORM SHAFT

扭力臂配置

POSITION OF TORQUE ARM



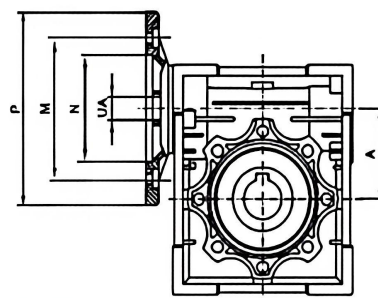
法兰位置 FLANGE F-FL



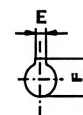
安装尺寸 MOUNTING DIMENSIONS

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	-	-	-	
	63B14	60	75	90															
	56B5	80	100	120	3	10.4	9	9	9	9	9	9	9	9	9	9	9		
	56B14	50	65	80															
NMRV040	71B5	110	130	160	5	16.3	14	14	14	14	14	14	14	14	-	-	-	-	
	71B14	70	85	105															
	63B5	95	115	140	4	12.8	11	11	11	11	11	11	11	11	11	11	11		
	63B14	60	75	90															
	56B5	80	100	120	3	10.4	-	-	-	-	-	-	-	-	9	9	9	9	
NMRV050	80B5	130	165	200	6	21.8	19	19	19	19	19	19	19	-	-	-	-	-	
	80B14	80	100	120															
	71B5	110	130	160	5	16.3	14	14	14	14	14	14	14	14	14	14	-		
	71B14	70	85	105															
	63B5	95	115	140	4	12.8	-	-	-	-	-	-	-	11	11	11	11	11	
NMRV063	90B5	130	165	200	8	27.3	24	24	24	24	24	24	24	-	-	-	-	-	
	90B14	95	115	140															
	80B5	130	165	200	6	21.8	19	19	19	19	19	19	19	19	19	-	-		
	80B14	80	100	120															
	71B5	110	130	160	5	16.3	-	-	-	-	-	-	14	14	14	14	14		
	71B14	70	85	105															
NMRV075	100/112B5	180	215	250	8	31.3	-	28	28	28	-	-	-	-	-	-	-	-	
	100/112B14	110	130	160															
	90B5	130	165	200	8	27.3	-	24	24	24	24	24	24	-	-	-	-		
	90B14	95	115	140															
	80B5	130	165	200	6	21.8	-	-	-	-	19	19	19	19	19	19	19		
	80B14	80	100	120															
	71B5	110	130	160	-	-	-	-	-	-	-	-	-	14	14	14	14	14	
NMRV090	100/112B5	180	215	250	8	31.3	-	28	28	28	28	28	28	-	-	-	-	-	
	100/112B14	110	130	160															
	90B5	130	165	200	8	27.3	-	24	24	24	24	24	24	24	24	-	-		
	90B14	95	115	140															
	80B5	130	165	200	6	21.8	-	-	-	-	-	-	19	19	19	19	19		
	80B14	80	100	120															
NMRV110	132B5	230	265	300	10	41.1	-	38	38	38	38	-	-	-	-	-	-	-	
	132B14	130	165	200	-	-													
	100/112B5	180	215	250	8	31.3	-	28	28	28	28	28	28	28	28	28	-	-	
	90B5	130	165	200	8	27.3													
	90B14	95	115	140	-	-	-	-	-	-	-	24	24	24	24	24	24	24	
	80B5	130	165	200	-	-													
NMRV130	132B5	230	265	300	10	41.1	-	38	38	38	38	38	38	38	-	-	-	-	
	132B14	130	165	200	-	-													
	100/112B5	180	215	250	8	31.3	-	-	-	-	-	28	28	28	28	28	28	28	
	90B5	130	165	200	-	-													
	90B14	95	115	140	-	-	-	-	-	-	-	-	-	-	-	-	24	24	
NMRV150	160B5	250	300	350	12	45.3	-	42	42	42	42	42	-	-	-	-	-	-	
	132B5	230	265	300	10	41.3													
	132B14	130	165	200	-	-	-	-	-	-	-	38	38	38	38	38	-	-	
	100/112B5	180	215	250	8	31.3													

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)

机型代号 Model	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Coefficient 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
	23.3	14	60	1.00	0.7
NMRV30	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
	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
NMRV30	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
	35	14	40	1.19	1.2
	28	17	50	1.28	1.0
NMRV40	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
NMRV40	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
	28	23	50	1.28	0.8
NMRV40	46.7	17.2	30	2.08	2.6
	35	21	40	2.29	1.9

机型代号 Model	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Coefficient f.s.
0.12kw					
NMRV40	28	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
NMRV50	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
	23.3	43	60	2.63	0.8
NMRV40	70	19	20	1.82	2.0
	56	23	25	1.96	1.7
	46.7	26	30	2.08	1.7
	35	32	40	2.29	1.3
	28	38	50	2.47	1.0
	23.3	43	60	2.63	0.8
	17.5	52	80	3.97	1.2
NMRV50	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
	28	37	50	2.47	0.8
	23.3	60	60	3.61	1.1
	17.5	72	80	3.97	0.9
NMRV50	70	26	20	2.50	2.7
	56	32	25	2.69	2.2
	46.7	37	30	2.86	2.3
	35	46	40	3.15	1.7
	28	54	50	3.39	1.4
	23.3	60	60	3.61	1.1
	17.5	72	80	3.97	0.9
NMRV63	28	56	50	4.44	2.4
	23.3	63	60	4.71	2.0
	17.5	78	80	5.19	1.6
	14	87	100	5.59	1.4
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

机型代号 Model	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Coefficient 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
	17.5	115	80	5.19	1.1
NMRV63	35	70	40	4.12	2.1
	28	83	50	4.44	1.6
	23.3	94	60	4.71	1.4
	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
NMRV90	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
	46.7	114	30	3.74	1.4
NMRV63	93.3	63	15	2.97	2.2
	70	83	20	3.27	1.6
	56	100	25	3.52	1.3
	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

机型代号 Model	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Coefficient 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
	23.3	223	60	4.89	0.8
	17.5	328	80	6.17	0.9
NMRV75	93.3	95	15	3.50	2.1
	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
NMRV90	28	264	50	4.60	0.9
	23.3	223	60	4.89	0.8
	17.5	328	80	6.17	0.9
	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
	46.7	233	30	4.42	1.0
NMRV75	140	90	10	3.06	2.2
	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
NMRV90	70	171	20	4.27	2.1
	56	210	25	4.60	1.6
	46.7	239	30	4.89	1.7
	35	307	40	5.38	1.2
	28	368	50	5.79	0.9
NMRV110	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
NMRV90	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)

机型代号 Model	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Coefficient 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
	28	393	50	5.28	0.9
NMRV110	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
NMRV130	23.3	648	60	7.78	1.0
	35	468	40	8.89	2.2
	28	563	50	9.58	1.7
	23.3	648	60	10.18	1.4
	17.5	816	80	11.21	1.0
NMRV150	14	869	100	10.62	0.8
	28	570	50	13.10	2.5
	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
NMRV110	46.7	479	30	4.89	0.9
	93.3	264	15	4.90	2.5
	70	348	20	5.39	1.9
	56	430	25	5.81	1.6
	46.7	485	30	6.18	1.5
NMRV130	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
NMRV150	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
NMRV110	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
	140	243	10	3.39	1.3
	93.3	352	15	3.88	1.0
	70	458	20	4.27	0.8
NMRV90	140	242	10	4.28	2.5
	93.3	352	15	4.90	1.9
	70	464	20	5.39	1.4
	56	570	25	5.81	1.2

机型代号 Model	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Coefficient f.s.
4kw					
NMRV110	56	573	25	5.81	1.2
	46.7	647	30	6.18	1.1
	35	851	40	8.89	1.2
NMRV130	28	1023	50	9.58	1.0
	23.3	1179	60	10.18	0.8
	28	1036	50	13.10	1.4
	23.3	1195	60	13.92	1.1
NMRV150	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
NMRV150	35	1171	40	8.89	0.9
	28	1103	50	8.51	0.8
	70	645	20	9.65	2.0
	56	788	25	10.40	1.5
	46.7	934	30	11.05	1.3
NMRV110	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
NMRV150	46.7	1228	30	8.08	0.8
	35	1596	40	8.89	0.7
	70	880	20	9.65	1.5
	56	1074	25	10.4	1.1
	46.7	1274	30	11.05	0.9
NMRV110	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
NMRV110	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)

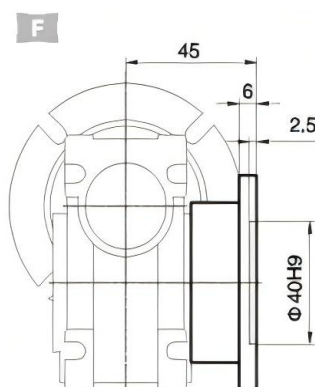
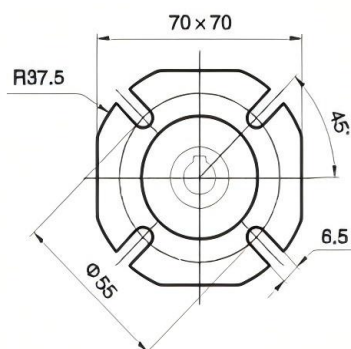
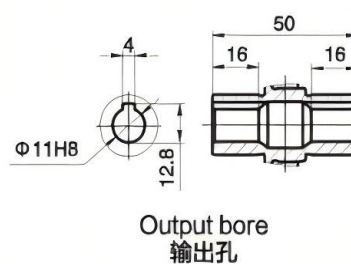
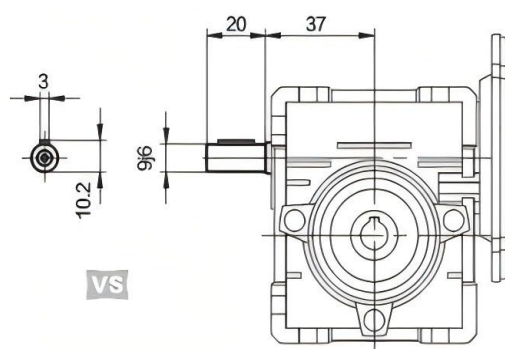
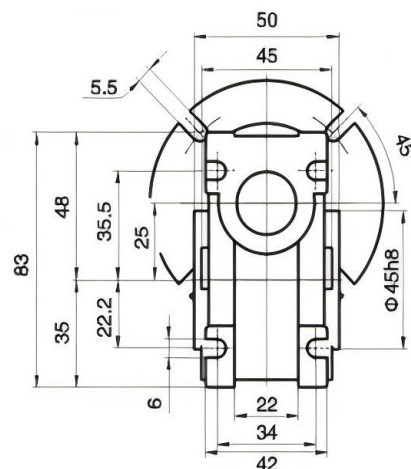
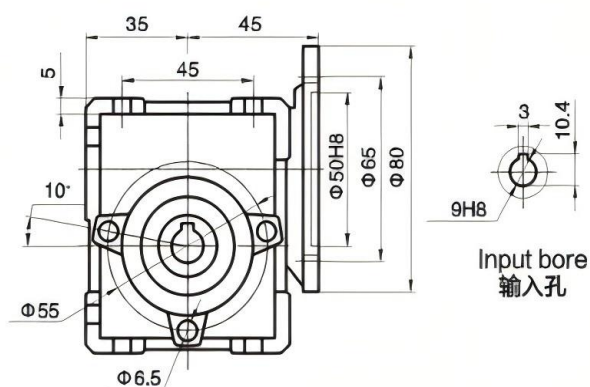
Single step reducer (shaft extend input, input speed is 1400r/min)

机型代号 Model	Input Shaft Power kw	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Radial force of input shaft 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	0.21
	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
	0.1	14	29	100	3.11	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
	0.3	14	118	100	5.59	0.70
NRV75	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
	1.5	46.7	230	30	4.42	0.98

机型代号 Model	Input Shaft Power kw	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Radial force of input shaft 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	0.90
	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
NRV130	1.1	14	483	100	9.23	1.70
	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
NRV150	2.3	17.5	840	80	11.21	2.10
	1.7	14	740	100	12.07	2.10
	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
	2.3	14	1000	100	16.50	2.80

减速机外型尺寸 DIMENSIONS

NMRV 025



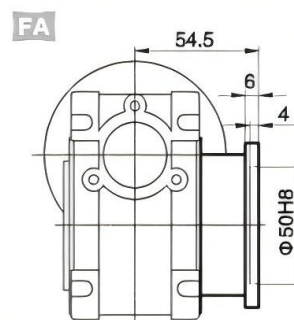
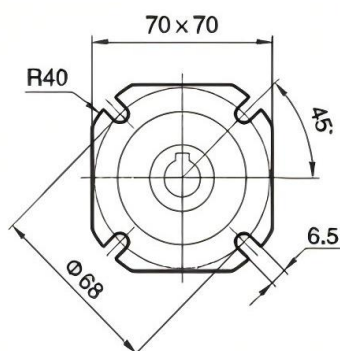
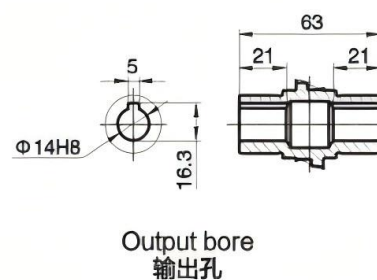
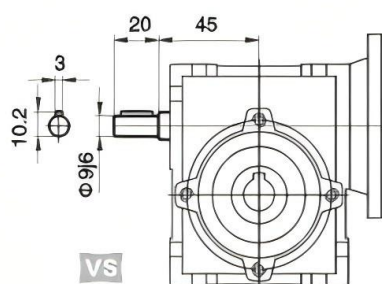
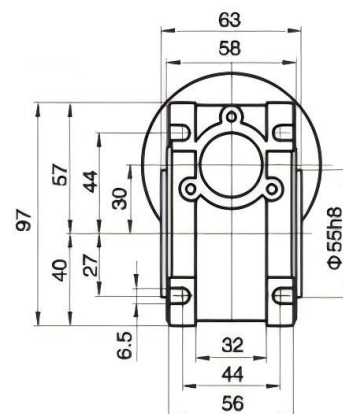
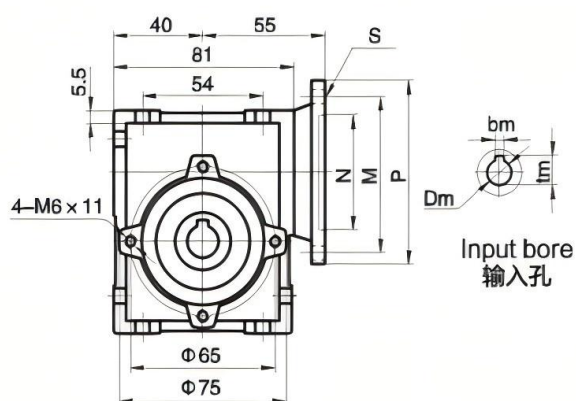
输入法兰可配I(R)K系列马达 I(R)K series motors
法兰尺寸 Flange size: 70 x 70, 80 x 80, 90 x 90

马达型号 Motor model	功率 Power(W)			
3I(R)K	10	15	20	30
4I(R)K	25	30	40	
5I(R)K	40	60	90	120

重量 weight: 0.7kg

减速机外型尺寸 DIMENSIONS

NMRV 030



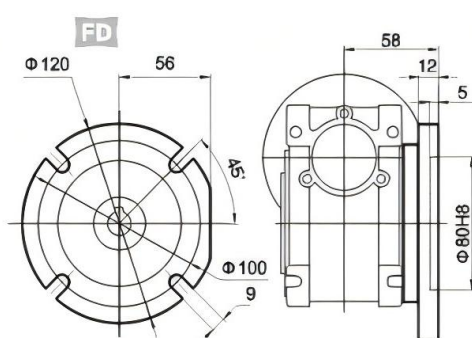
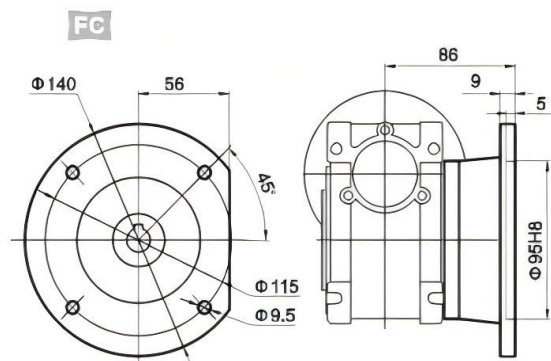
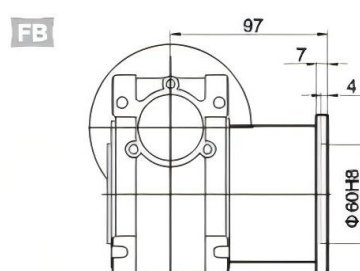
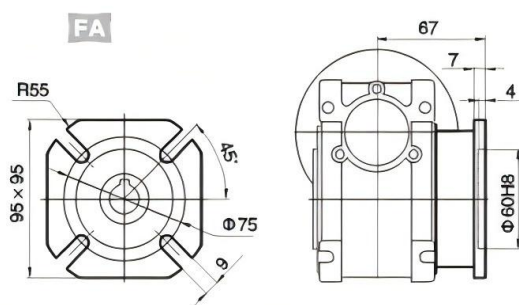
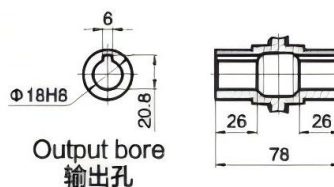
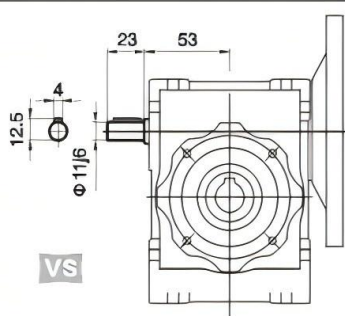
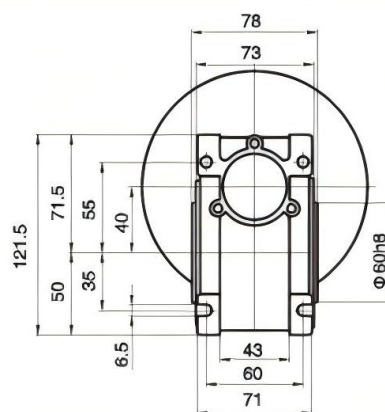
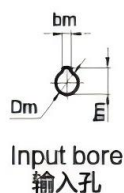
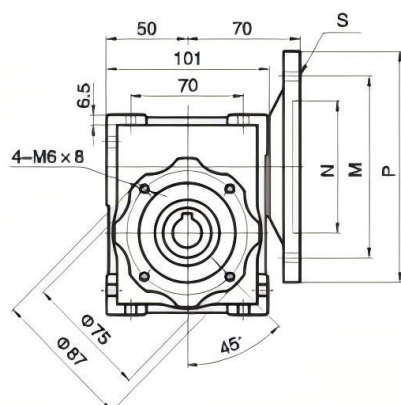
输入法兰可配I(R)K系列马达 I(R)K series motors
法兰尺寸 Flange size: 80×80、90×90、104×104

马达型号 Motor model	功率 Power(W)				
4I(R)K	25	30	40		
5I(R)K	40	60	90	120	
6I(R)K	70	120	140	180	200

重量 weight: 1.3kg

减速机外型尺寸 DIMENSIONS

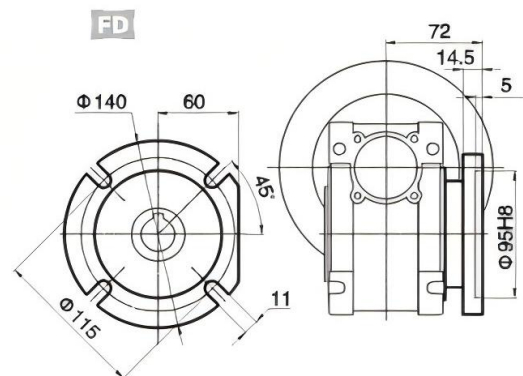
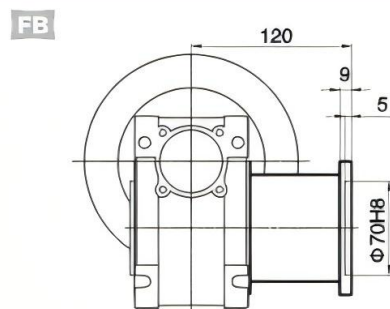
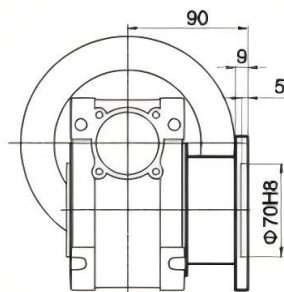
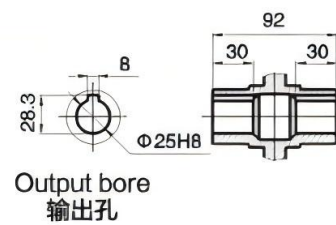
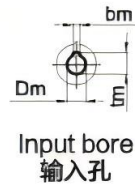
NMRV 040



输入法兰可配I(R)K系列马达 I(R)K series motors
法兰尺寸 Flange size: 90×90、104×104

马达型号 Motor model	功率 Power(W)				
5I(R)K	40	60	90	120	
6I(R)K	70	120	140	180	200

重量 weight: 2.4kg

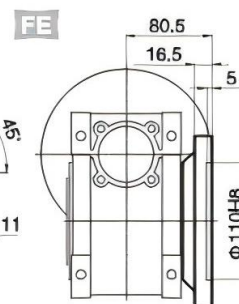
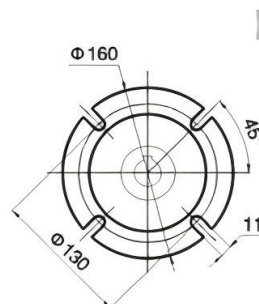
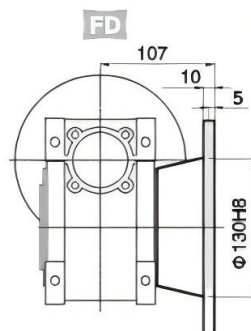
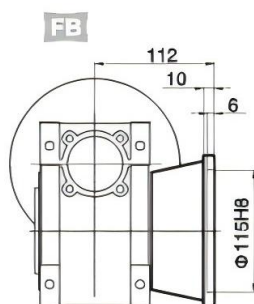
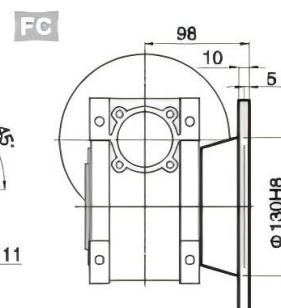
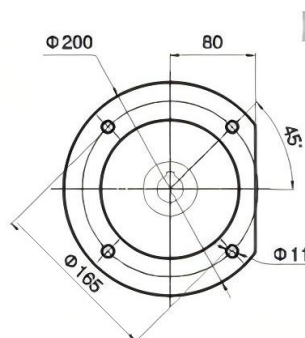
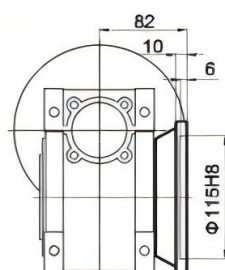
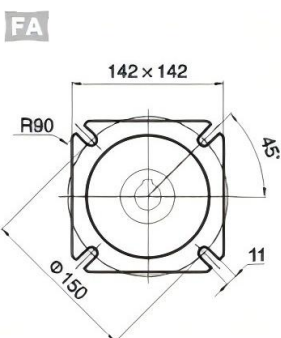
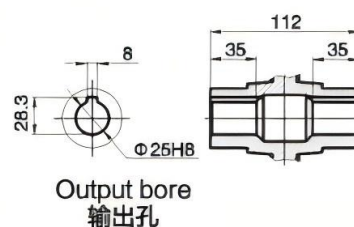
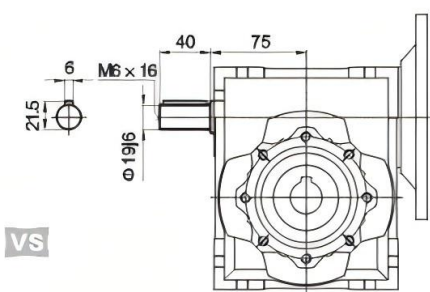
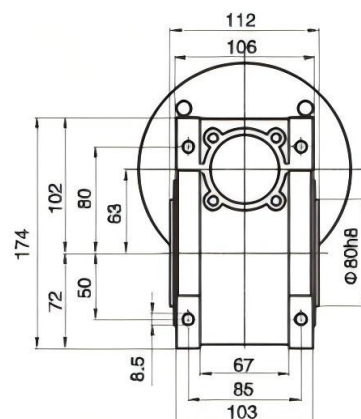
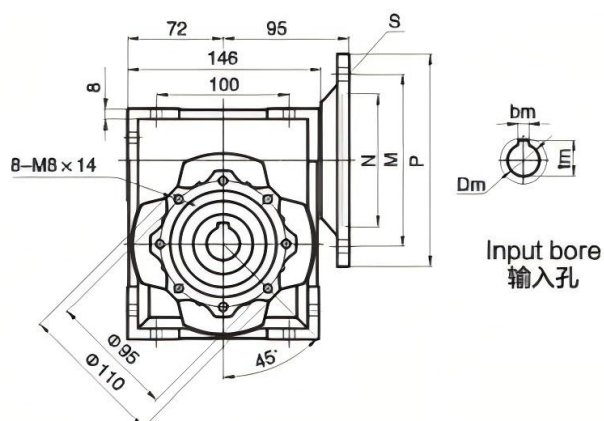
NMRV 050 ➤

马达型号 Motor model	功率 Power(W)				
6I(R)K	70	120	140	180	200

重量 weight: 3.6kg

减速机外型尺寸 DIMENSIONS

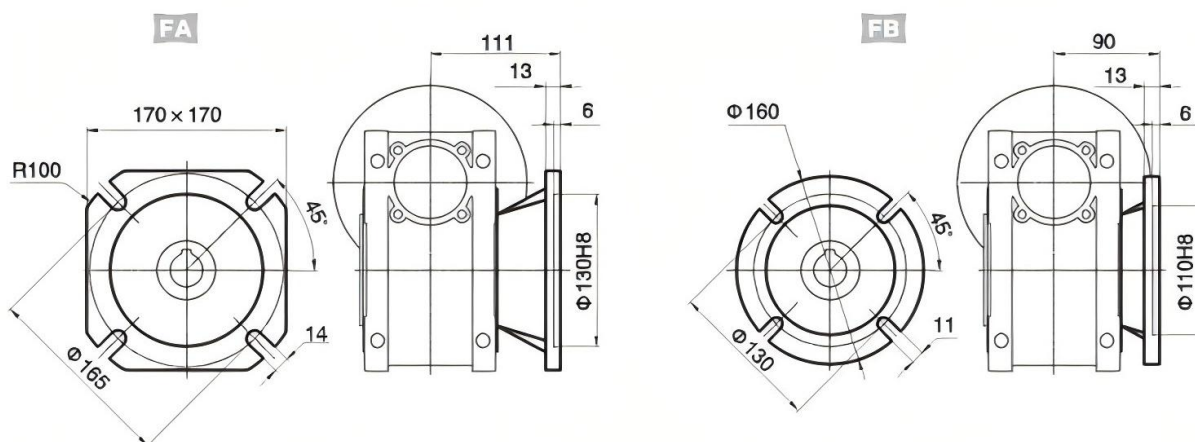
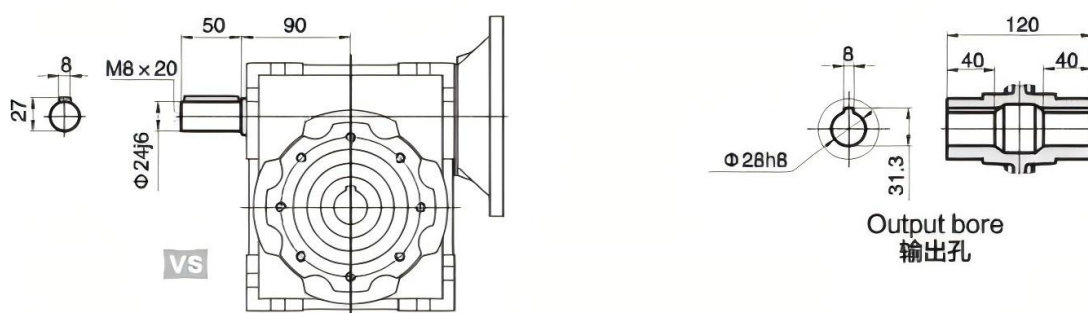
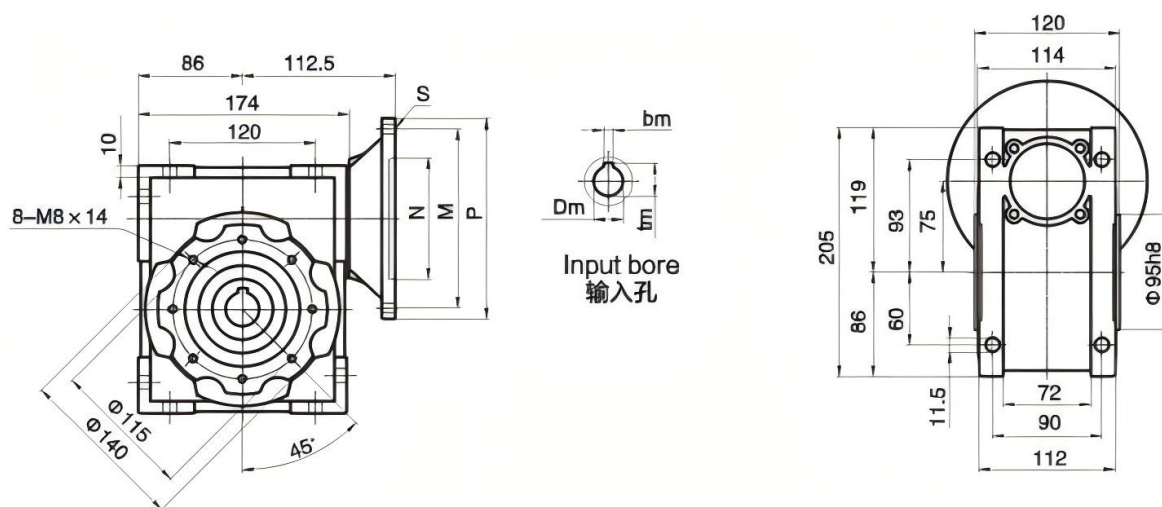
NMRV 063 



重量 weight: 6.3kg

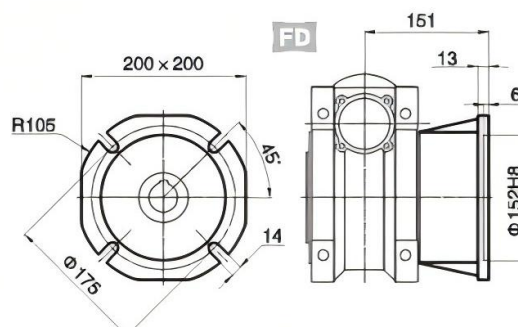
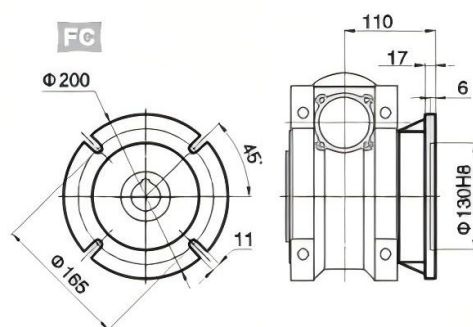
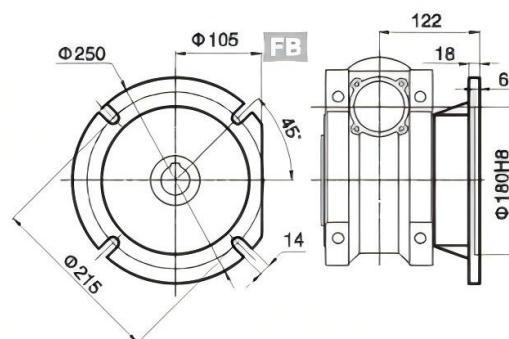
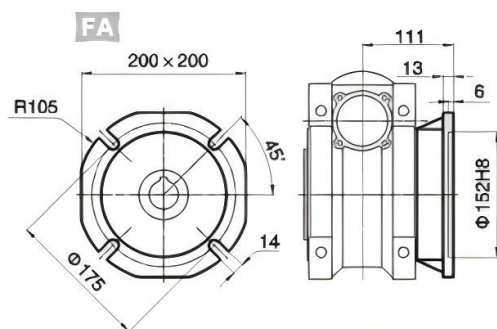
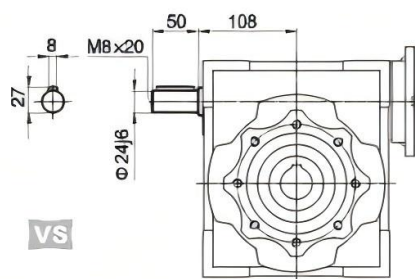
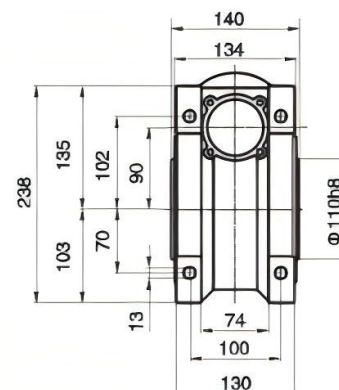
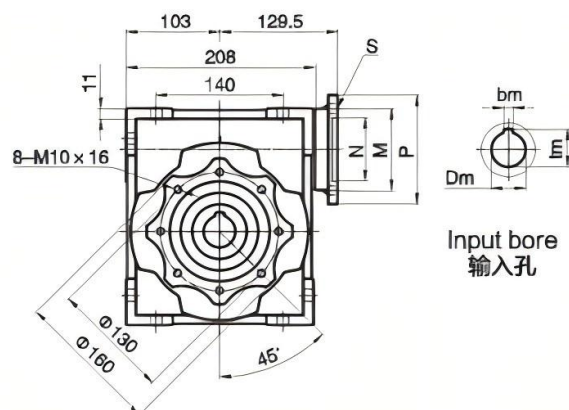
减速机外型尺寸 DIMENSIONS

NMRV 075



重量 weight: 9kg

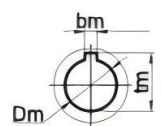
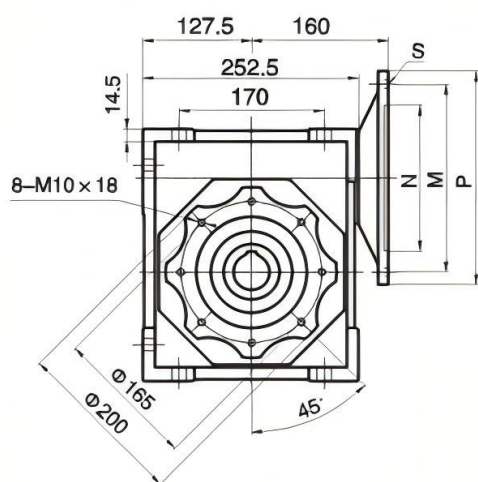
减速机外型尺寸 DIMENSIONS



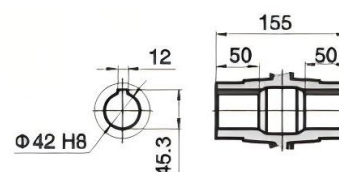
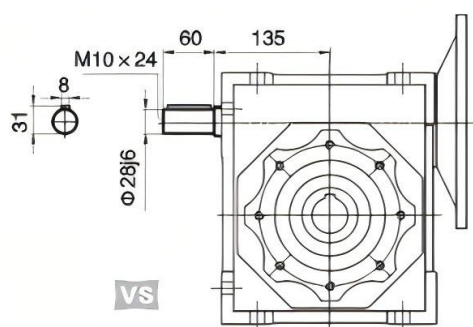
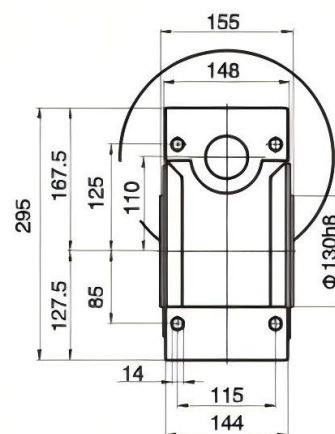
重量 weight: 13kg

减速机外型尺寸 DIMENSIONS

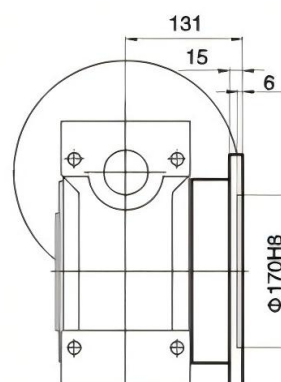
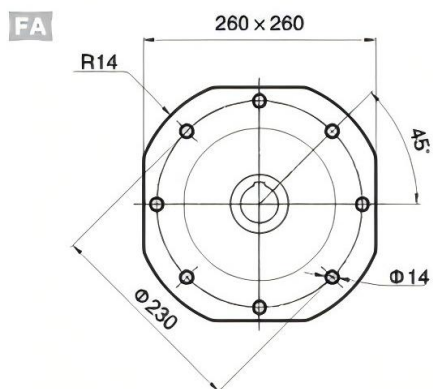
NMRV 110



Input bore
输入孔

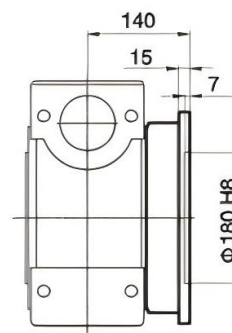
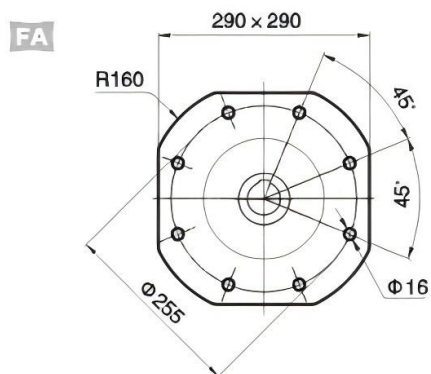
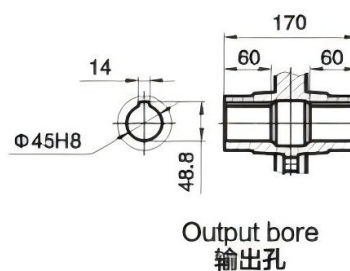
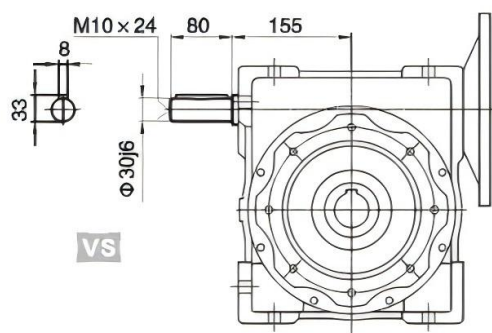
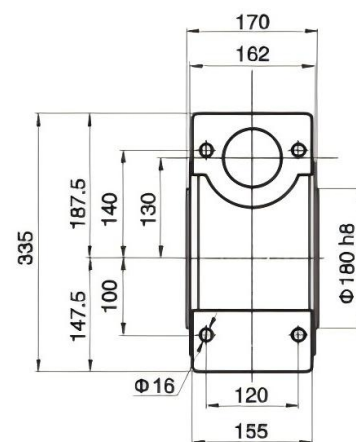
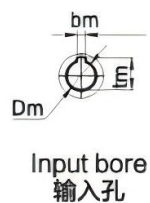
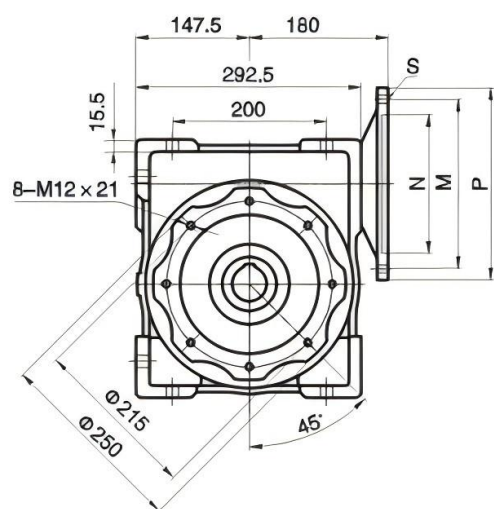


Output bore
输出孔



重量 weight: 40kg

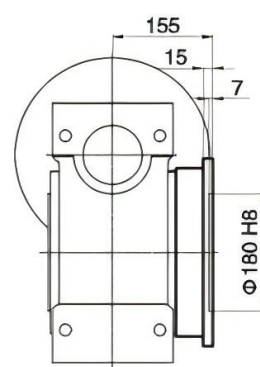
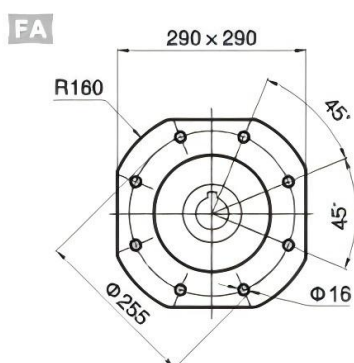
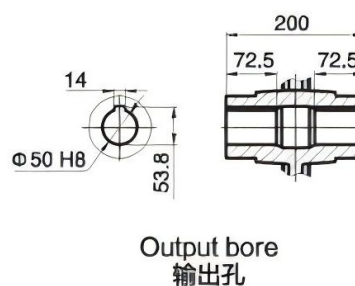
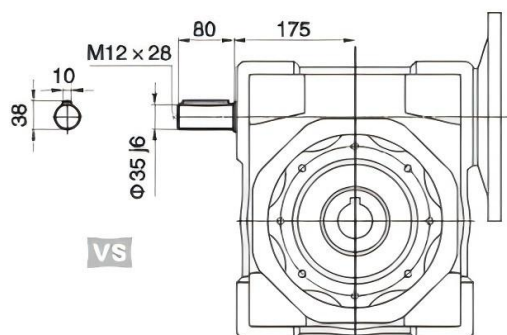
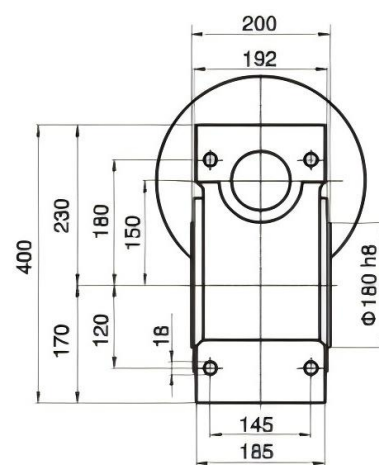
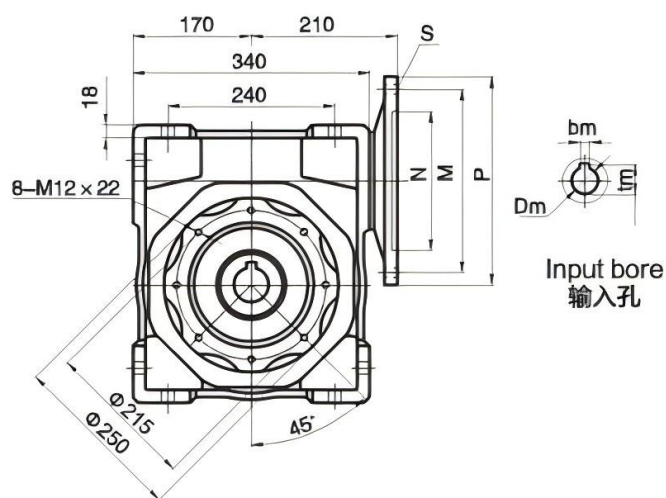
减速机外型尺寸 DIMENSIONS



重量 weight: 50kg

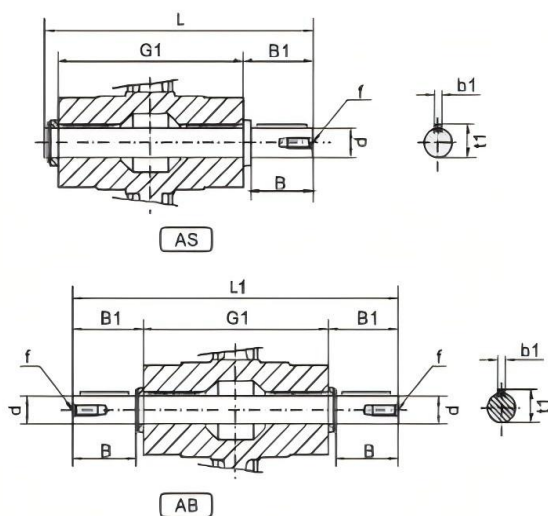
减速机外型尺寸 DIMENSIONS

NMRV 150 »



重量 weight: 84kg

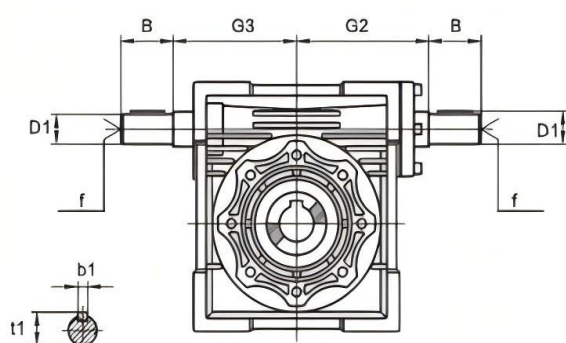
单向/双向输出轴尺寸 Size of double extension worm shaft



	d	B	B1	G1	L	L1	f	b1	t1
025	11 g6 (9)	23 (25)	25.5 30	50	81 (85.5)	101	-	4 (3)	12.5 (10.2)
030	14 g6	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

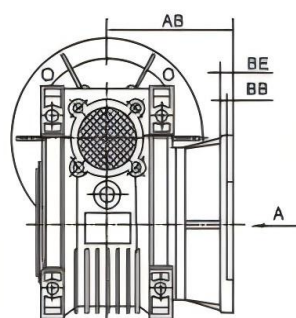
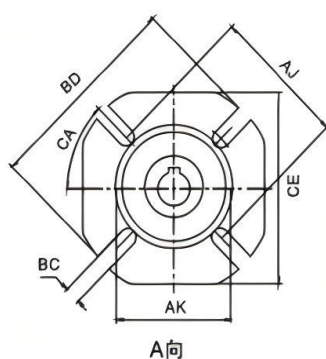
◎非标产品，下单时须注明要求 Only on request.

同向输入轴尺寸 Size of double extension worm shaft



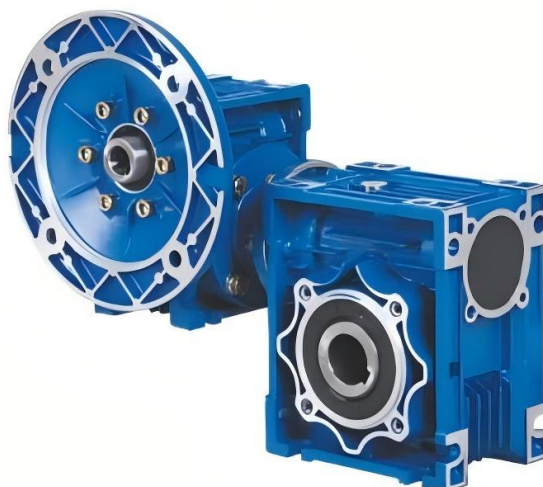
	G2	G3	D1(j6)	B	f	b1	t1
025	38	37	9	20	-	3	10.2
030	51	45	9	20	-	3	10.2
040	60	53	11	23	-	4	12.5
050	74	64	14	30	M6	5	16
063	90	75	19	40	M6	6	21.5
075	105	90	24	50	M8	8	27
090	125	108	24	50	M8	8	27
110	142	135	28	60	M10	8	31
130	162	155	30	80	M10	8	33
150	195	175	35	80	M12	10	38

输出法兰安装尺寸 Output flange mounting dimensions



	025	030	040	050	063	075	090	110	130	150
AB	45	54.5	67	90	82	111	111	131	140	155
AJ	55	68	80	85	150	165	175	230	255	255
AK	40	50	60	70	115	130	152	170	180	180
BB	3	4	4	5	6	6	6	6	6	7
BD	75	80	110	125	180	200	210	280	320	320
BE	6	6	7	9	10	13	13	15	15	15
BC	6.5(n.4)	6.5(n.4)	9(n.4)	11(n.4)	11(n.4)	14(n.4)	14(n.4)	φ14(n.8)	φ16(n.8)	φ16(n.8)
CA	45°	45°	45°	45°	45°	45°	45°	45°	22.5°	22.5°
CE	70	70	95	110	142	170	200	260	290	290

NMRV-NMRV

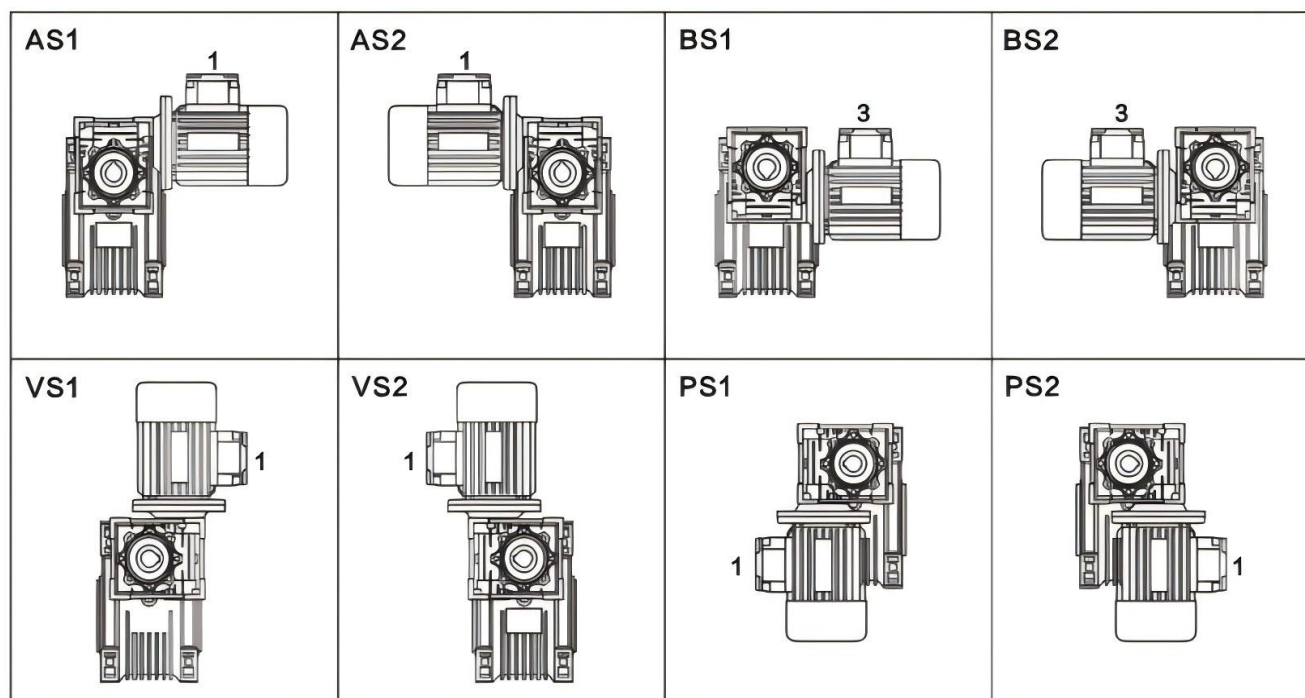


NMRV-NMRV

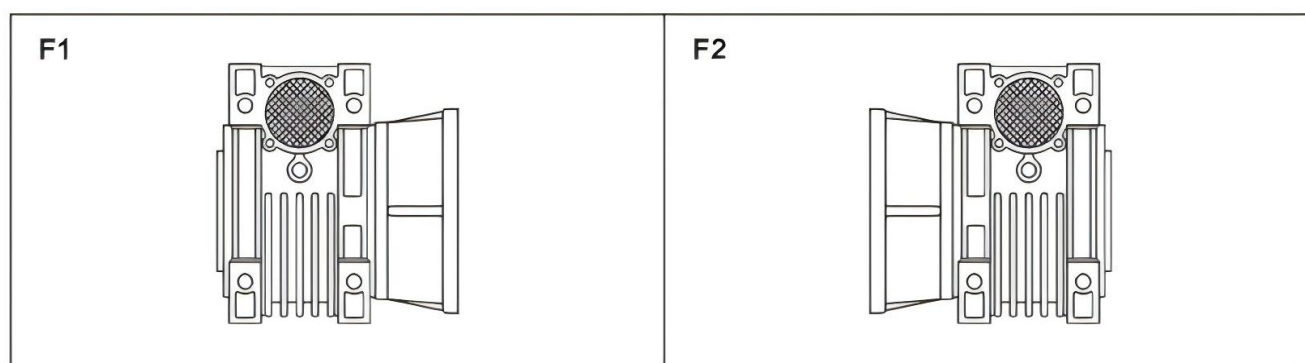
型号说明 MODEL NOTES

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 (Matching 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

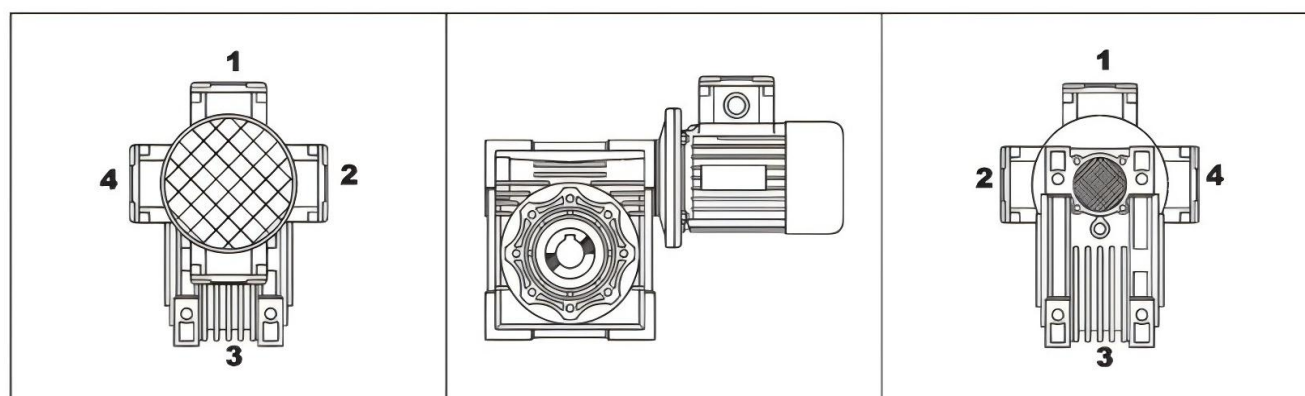
NMRV-NMRV安装方式 MOUNTING POSITIONS



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	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Total transmission ratio i	High Speed Gear ratio i1	Low Speed Gear ratio i2	Radial force of output shaft kN	Coefficient 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
	0.3	356	5000	50	100	3.49	0.1
30/40	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
	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
	0.28	338	5000	50	100	3.49	0.1
30/50	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
	0.35	288	4000	50	80	4.84	0.3
	0.29	311	4800	60	80	4.84	0.3
30/63	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
	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	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Total transmission ratio i	High Speed Gear ratio i1	Low Speed Gear ratio i2	Radial force of output shaft kN	Coefficient 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
	0.28	419	5000	50	100	7.38	0.5
40/90	0.5	405	3000	60	50	8.18	1.4
	0.35	365	4000	50	80	8.18	1.3
	0.28	431	5000	50	100	8.18	1.0
	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
	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
30/63	1.6	200	900	15	60	6.27	1.0
	1.2	263	1200	30	40	6.27	0.9
	0.93	305	1500	30	50	6.27	0.7
40/75	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	Output Speed N(r/min)	Output Torque M _t (N.m)	Total transmission ratio i	High Speed Gear ratio i1	Low Speed Gear ratio i2	Radial force of output shaft kN	Coefficient 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
63/130	0.6	1624	2400	60	40	13.5	1.0
	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
63/150	0.8	1199	1800	60	30	18	1.8
	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
0.37kw							
40/175	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	Output Speed N(r/min)	Output Torque M _t (N.m)	Total transmission ratio i	High Speed Gear ratio i1	Low Speed Gear ratio i2	Radial force of output shaft kN	Coefficient 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	500	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)

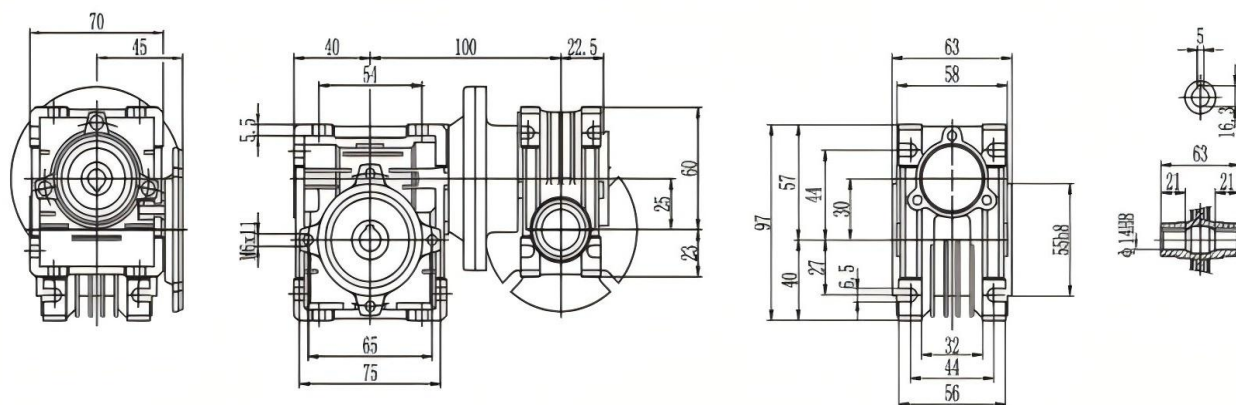
Double step reducer (shaft extend input, input speed is 1400r/min)

机型代号 Model	Input Shaft Power kw	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Radial force of input shaft 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
	0.15	4.7	145	300	4.84	0.21
30/50	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
	0.24	4.7	230	300	6.27	0.21
	0.2	3.5	230	400	6.27	0.21
30/63	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
	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
40/75	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

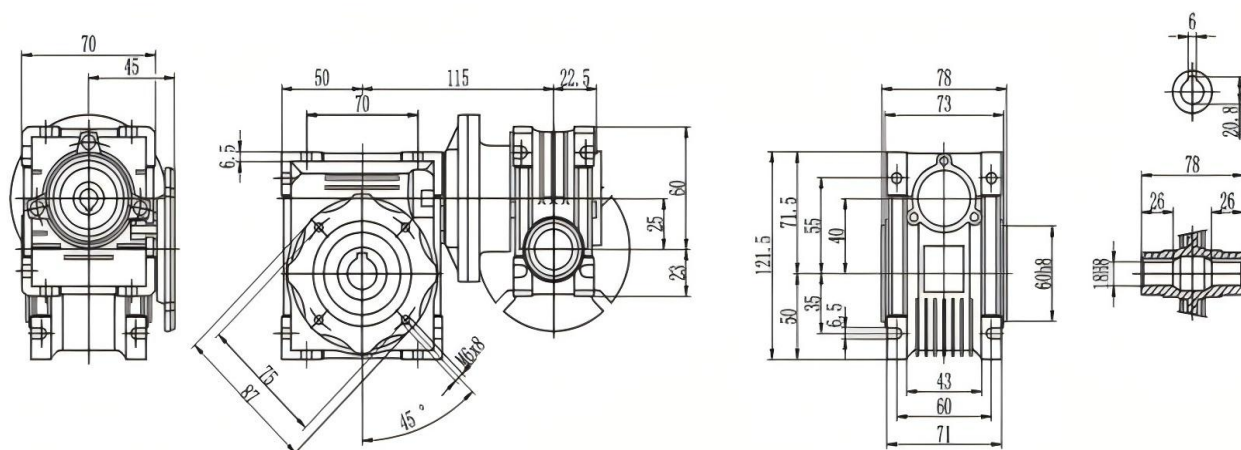
机型代号 Model	Input Shaft Power kw	Output Speed N ₂ (r/min)	Output Torque M ₂ (N.m)	Transmission Ratio i	Radial force of output shaft kN	Radial force of input shaft kN
40/90	0.6	4.7	610	300	8.18	0.35
	0.43	3.5	610	400	8.18	0.35
	0.34	2.8	560	500	8.18	0.35
	0.3	2.3	610	600	8.18	0.35
	0.23	1.9	560	750	8.18	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
	1.1	4.7	1265	300	10.32	0.49
50/110	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
	0.8	2.3	1650	600	13.5	0.7
	0.7	1.9	1760	750	13.5	0.7
63/130	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	0.78	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
	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
63/150	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

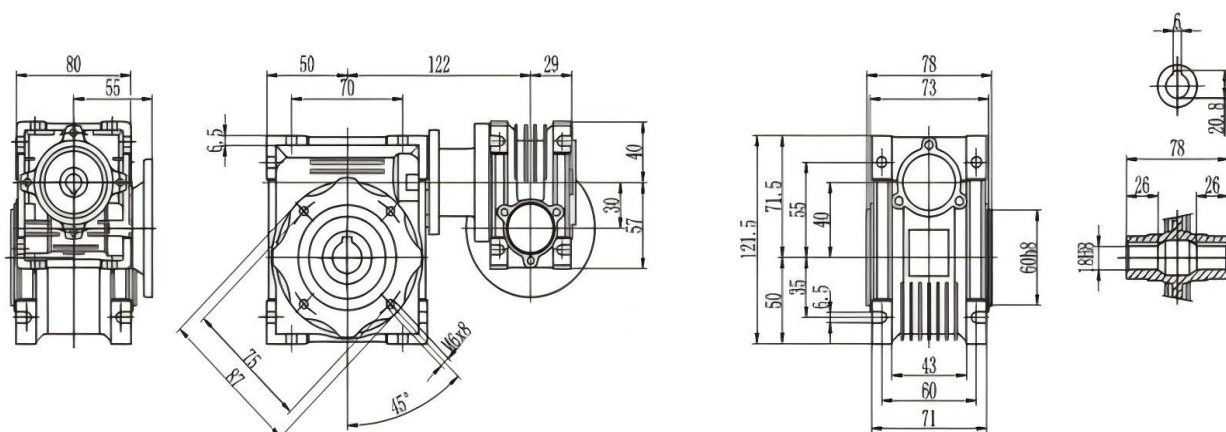
NMRV025-NMRV030



NMRV025-NMRV040

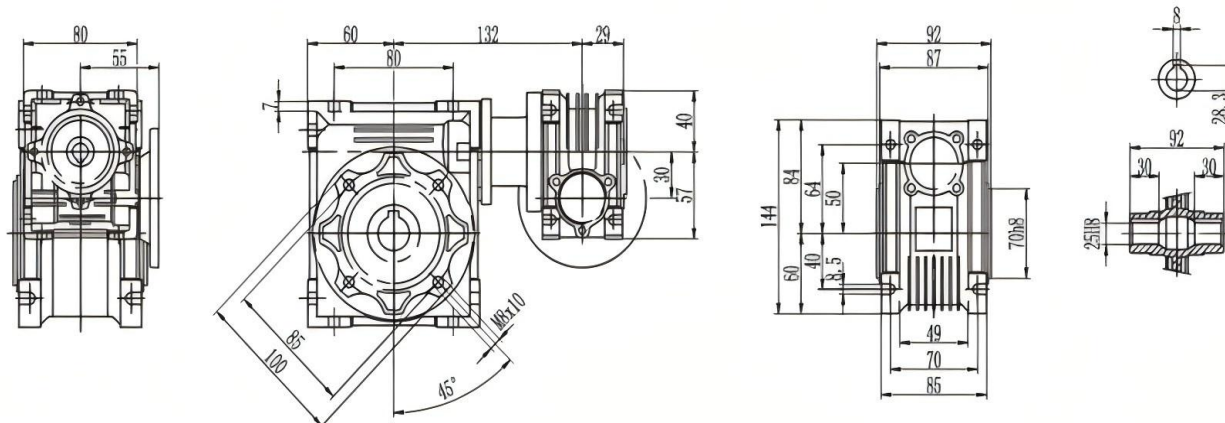


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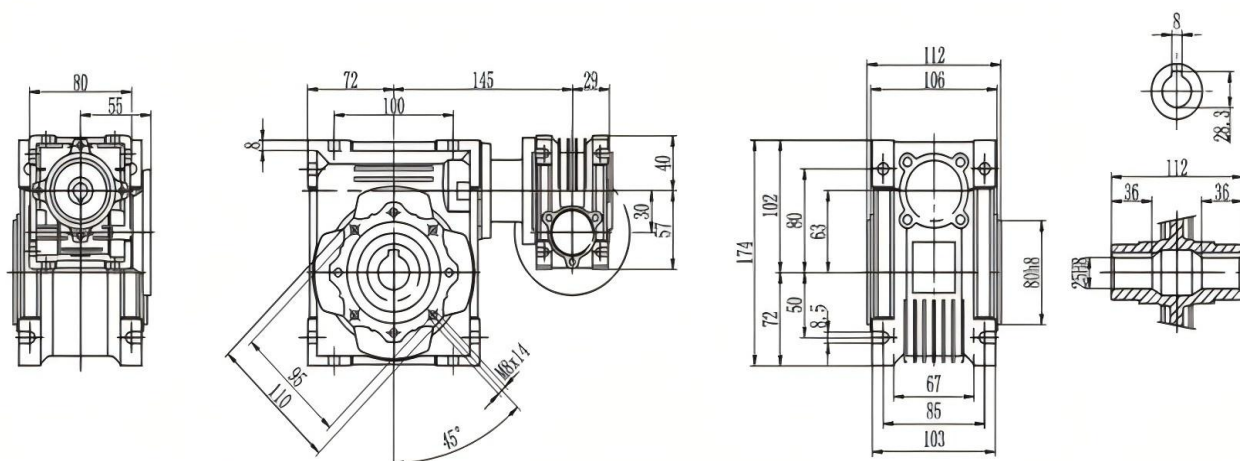


NMRV-NMRV外型尺寸 DIMENSIONS

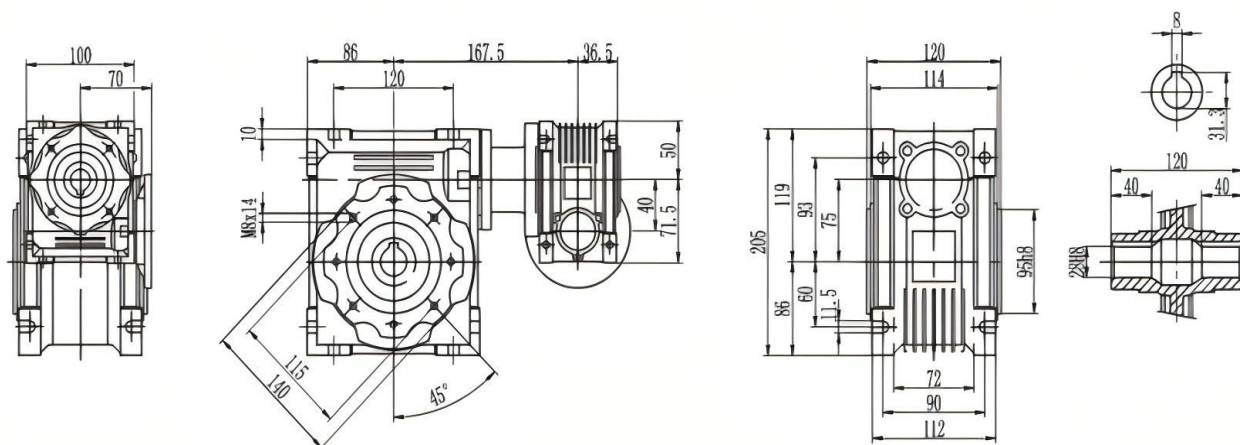
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NMRV030-NMRV063

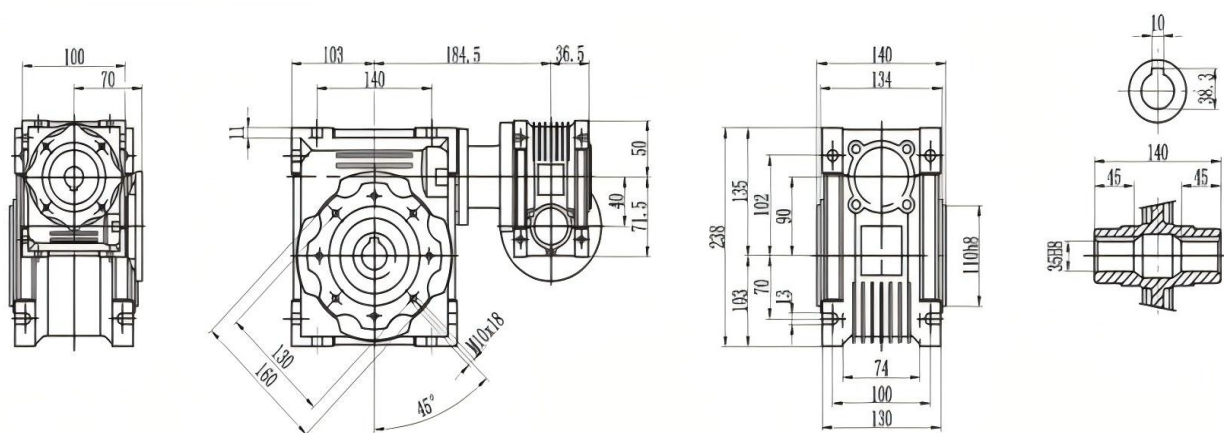


NMRV040-NMRV075

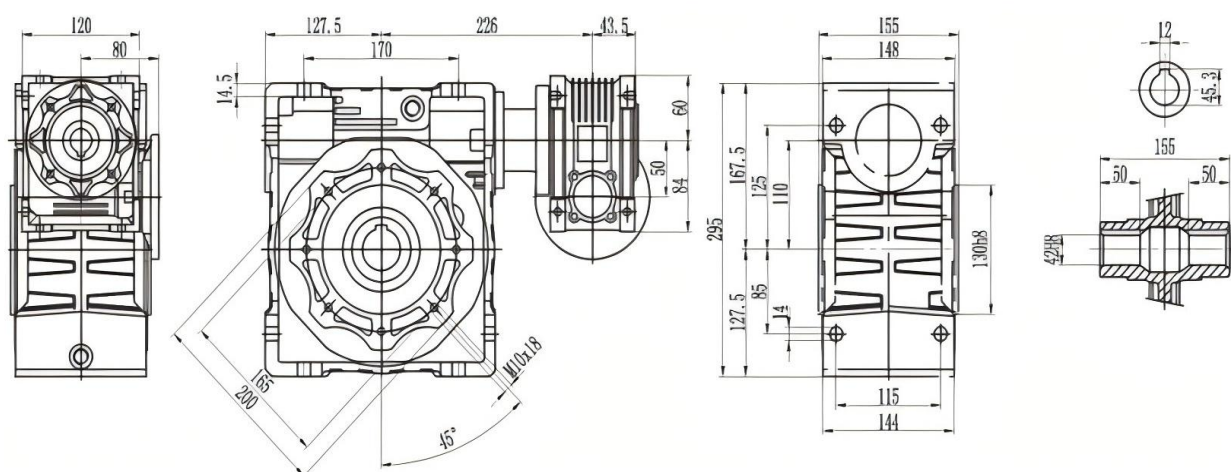


NMRV-NMRV外型尺寸 DIMENSIONS

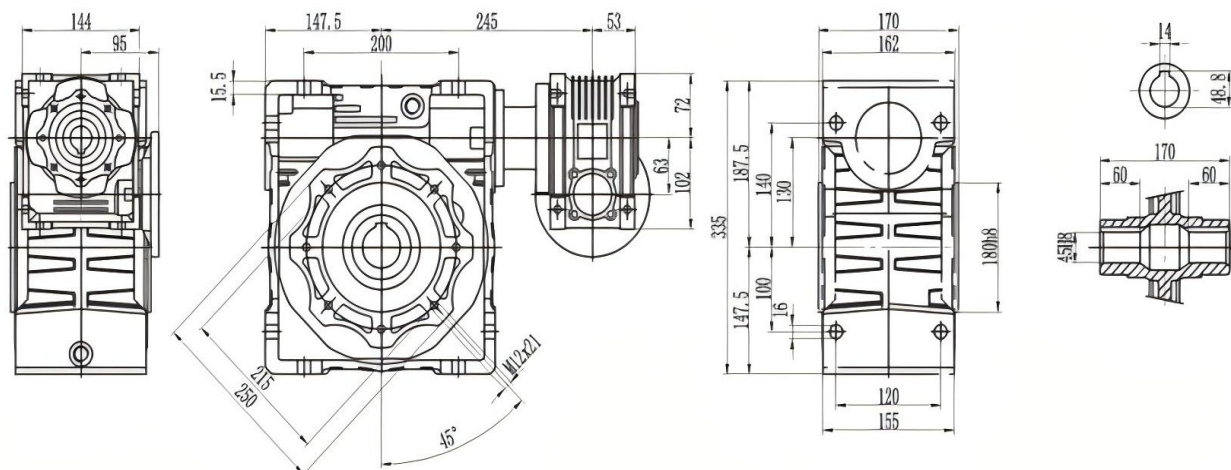
NMRV040-NMRV090



NMRV050-NMRV110



NMRV063-NMRV130



Operating Instruction:

1.Single step worm gear reducer

- 1.1 The reducer which is 25-90 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.
- 1.2 The reducer model 110-150 is made of cast iron which casted with Aluminum mould. It's good looking and solid, and can be used through the setting of multi-azimuth.
- 1.3 Good radiating characteristic leads safe and high efficiency for using.
- 1.4 The strong capacity of loading and overload ensure stable transmission, make less vibration and noise.
- 1.5 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.

2.Double step worm gear reducer

- 2.1 It is combined by two single step reducers and has all the virtues of them. And you can get bigger ratio with it.
- 2.2 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.

3.Notes of installation

- 3.1 The base-plate must be plane and stoutness, and the base-bolts must be screwed down and shockproof.
- 3.2 The connecting shafts of prime mover, reducer and operation device must be coaxial after installation.
- 3.3 The diameter tolerance zone of input and output shaft is j6 and h6, the holes of fittings(such as couplings, belt pulley, sprocket wheel and so on) must properly mate the shaft, which prevents bearing from breakage because of over-tight mate or avoid effecting normal power transmission because of over-loose mate.
- 3.4 Drivers such as sprocket wheel and gear must be fitted close to bearing in order to reduce bending stress of hanging shaft.
- 3.5 While assembling motor to the reducer, it is necessary to add butters to the worm shaft input hole and keyway, so as to avoid tightly assembling and rusting when it is used for a long time.
- 3.6 Supporting unit is required when reducers directly match with motors whose weight is bigger than normal types motor is a little bigger than normal.

4.Operating notes

- 4.1 Before using, please check carefully whether the reducer mode, distance size, ratio, input connecting method, output shaft structure, input and output shaft direction and revolving direction are right according to requirement. It is better for the input speed of worm shaft not more than 1500r/min.
- 4.2 The load should be added step by step when using the machine. Never running it with full load.
- 4.3 The reducer which model is among 25-90 has the oil add hole only. It has been full of synthetic lubrication oil ISO VG 320. User doesn't need to think about oil adding.
- 4.4 The reducer model of 110-150 has oil add hole, oil out hole and oil gauge. Mineral lubrication oil ISO VG 460 has been filled in enough, before using, user must pull out the rubber ring of vent plug. After the first 400 hours running, clean the inter box and change new oil in it. Then change the oil once per 4000 hours.
- 4.5 The permitted temperature of the oil in reducer is 95℃. If up to this value, it must be stopped and checked.
- 4.6 We propose to change oil seal when the reducer has been stored over four to six months and the oil seal has not been immersed in lubrication oil before using.
- 4.7 When the ambient temperature is 5℃ upper or lower than the normal level stated in the table, please contact with us.

油品润滑 LUBRICANT

润滑油选用表 Lubrication oil chosen table

减速机规格 Reducer size	25-90	110-150	
润滑油类型 Type of lubrication oil	合成润滑油 Complex lubrication oil	矿物润滑油 Mineral lubrication oil	
环境温度℃ Ambient temperature	-25 ~ +50	-5 ~ +40	-15 ~ +25
ISO VG	ISO VG 320	ISO VG 460	ISO VG 220
AGIP	TELUM VSF320	BLASIA 460	BLASIA 220
SHELL	TIVELA OIL Sc320	OMALA OIL 460	OMALA OIL 220
ESSO	S220	SPARTAN EP460	SPARTAN EP220
MOBIL	GLYGOYLE 320	MOBIL GEAR 634	MOBIL GEAR 630
CASTROL	ALPHASYN PG320	ALPHA MAX 460	ALPHA MAX 220
BP	ENERGOL SG-XP320	ENERGOL GR-XP460	ENERGOL GR-XP220

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

规格 Type 安装型式 Installation	025	030	040	050	063	075	090	110	130	150
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

Malfunctions Analysis:

Fault Description	Reasons	Solutions
Overheating	Improper connection among prime mover, reducer and the operation device	Adjust to proper position
	Overloading	Adjust to proper load
	Over Friction of oil seals	Drop lubricant at oil seal
	☆ Lubricant oil over much or shortage	Adjust to proper oil quantity as lubricant capacity table
	☆ Much impurity in oil or inferior oil	Refill proper oil
Vibration	Prime mover, reducer and the operation device mount badly	Find out the bad place, tighten it
	Tooth surface of worm gear sets worn-out or damaged	Replace worm gear sets (we will cooperate with you when necessary)
	Bearing worn-out	Replace Bearing
	Bolt loose	Tighten Screw
Noise	Improper connection among prime mover, reducer and the operation device	Adjust to proper position
	Bearing damaged or too large clearance	Replace Bearing
	Worm gear sets mesh badly	Mend tooth surface or replace worm gear sets (please contact to us)
	☆ Lubricant oil shortage	Fill in adequate oil as lubricant capacity table
Oil leakage	Oil seal lip worn-out	Replace oil seal
	Shaft of oil seal area worn-out	Replace input or output shaft with worm gear
	Oil screw plug loose	Tighten oil screw plug
	Oil gauge damaged	Replace oil gauge
Tooth surface of worm gear sets abrade extra-quickly	Overload	Adjust to proper loading
	☆ Lubricant oil not according with requirement	Replace proper lubricant oil
	☆ Lubricant oil shortage	Fill adequate oil as indication
	Not replacing lubricant oil in time according to requirement, oil deteriorates	Replacing oil in time according to requirement
	Overheating while running	1. Deal with it as "Overheating" 2. Adopting proper measures to make environment temperature fall

Annotate: 1. ☆ Accorded after the lubricant changed.

2. If other faults not listed above occur, Please contact with us at any moment, Our company will supply thorough consultation and service.



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