参数减速机的工作系数　Service factor

减速机的工作系数(f.s.)主要取决于减速机的运作条件，其决定因素为

1. 减速机的负荷形式：A—B—C
2. 工作时间：小时 / 天(△)
3. 开机频率：次 / 小时(*)

减速机的三种符合形式：

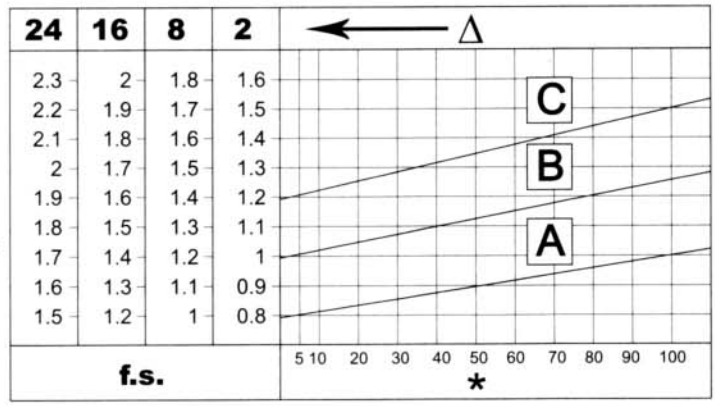
1. A：均等负荷 fa≤0.3
2. B：中等负荷 fa≤3
3. C：重量负荷 fa≤10

Fa=Je / Jm

—Je(kgm^2)：在电机轴上发生衰降的惯性矩

—Jm(kgm^2)：电机惯性矩

注意：fa>10时请与技术服务部联系



The service factor(f.s.)depends on the operating conditions the gearbox is subjected to. Following parameters need to be take to select the right service factor.

--type of load of the operating machine A - B - C
--length of daily operating time: hours/day(△)
--start-up frequency: starts/hour (*)

TYPE OF LOAD: A-uniform, fa≤0.3
B-moderate shocks, fa≤3
C-heavy shocks, fa≤10

fa=Jex/Jm

--Jex(kgm^2) moment of the external inertia reduced at the drive shaft

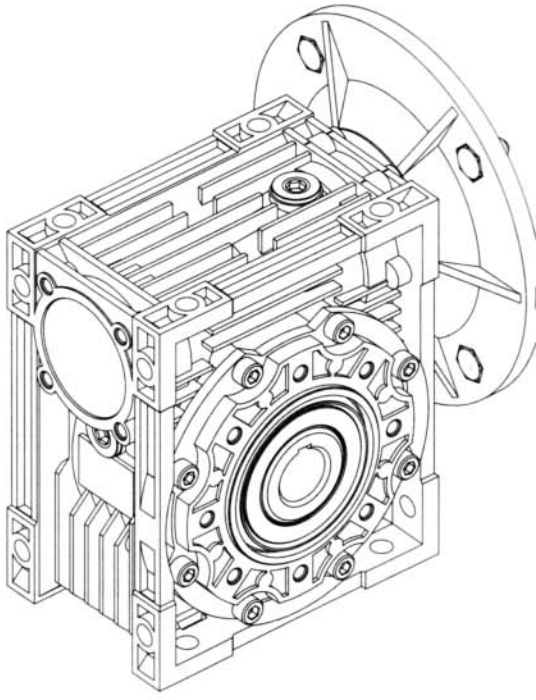
--Jm(kgm^2) moment of inertia of motor

安装注意事项　To install the reduction unit it is necessary to note the following recommendations

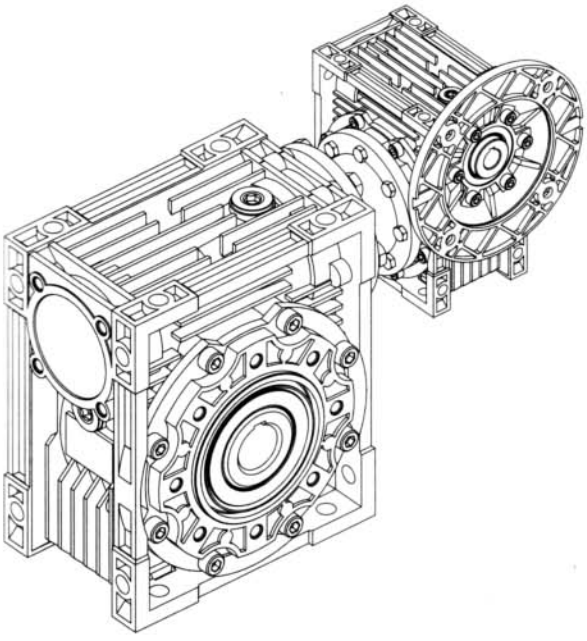
--减速机要平稳安装，避免震动。
--与机器装配前，请检查减速机的输出轴的旋转方向是否正确。
--在减速机放置时间长达4—6个月情况下，应检查密封圈是否因不浸润在润滑油中而与轴发生粘连或失去弹性，必要时更换密封圈。
--安装空心轴时，应采用专用力矩扳手。如果无该条件时，用户可自行选用专用工具，但应确保轴向不受力，减速机可自由移动。
--减速机应避免受日光直射和雨淋。
--确保通风条件良好。
--工作环境温度低于—5° 或高与40° 时，请咨询技术服务部。
--皮带盘,齿轮,联轴器,轴等通过特殊螺纹孔装于实心轴或空心轴,该螺纹孔可防止运作时损伤轴承和机件表面,应对机件表面作适当润滑,以防锈蚀和卡塞。
--橡胶件和透气孔不可上油漆。
--安装完毕后，取出油孔上的封口栓塞，换上透气栓塞。
--检查油位高度。
--如果减速机不连接电机时，请参考以下注意事项以确保正确连接：安装于B5，B14
--检查轴与电机法兰之公差是否符合基本标准。
--清洗轴、中心孔和法兰表面的污迹及油漆。
--安装时避免减速机受力。
--检查马达键槽的位置和偏差。
--用润滑油涂抹轴的表面，以防生锈或卡塞。
--开机时应分级起动，不能满负荷起动。
--装配在电机下方的机件及材料易于受损，应采取适当的防范措施。

--The mounting on the machine must be stable to avoid any vibration.
--Check the correct direction of rotation of the reduction unit output shaft before fitting the unit to the machine.
--In the case of particularly lengthy of periods of storage (4-6 months) if the oil seal is not immersed in the lubricant inside recommended to change it since the rubber could stick to the shaft or even has lost the elasticity it needs to function proberl
--For a shaft mounting, for reduction units with a hollow output shafts, use the torque arms motionclinic can supply. If it is n make sure that the constraint is axially free and with such as play as to ensure free movement to the reduction unit.
--Whenever possible, protect the reduction unit against solar radiation and bad weather.
--Ensure the motor cools correctly by assuring good passage of air from the fan side.
--In the case of ambient temperatures <-5° C and >+40° C contact motionclinic.
--The various parts (pulleys, gear wheels, couplings, shafts, etc.) must be mounted on the solid or hollow shafts using special holes or other systems that anyhow ensure correct operation wtihout risking damage to the bearings or external parts of the uni
--Painting must definitely not go over rubber parts and the holes on the breather plugs, if there are any.
--Taking out the seal embolism of the oilhole.
--Check the height of the oil level.
--Supposing the gear unit have not coupled with the motor, please pay attention to the following items to make sure rightly connection. Mounting to B5, B14
--Check whether the tolerance between the shaft and motor flange fit for the essential standard.
--Washing the dirt and the paint on the surfaces of the shaft, center bore and the flange.
--Mounting avoid the gear unit incur strength .
--Check the position and the decination of the motor keyslot.
--Lubricate the surfaces in contact to avoid seizure or oxidation.
--Starting must take place gradually, without immediately applying the maximum load.
--When there are parts objects or materials under the motor drive that can be damaged by even limited spillage of oil, special should be fitted.

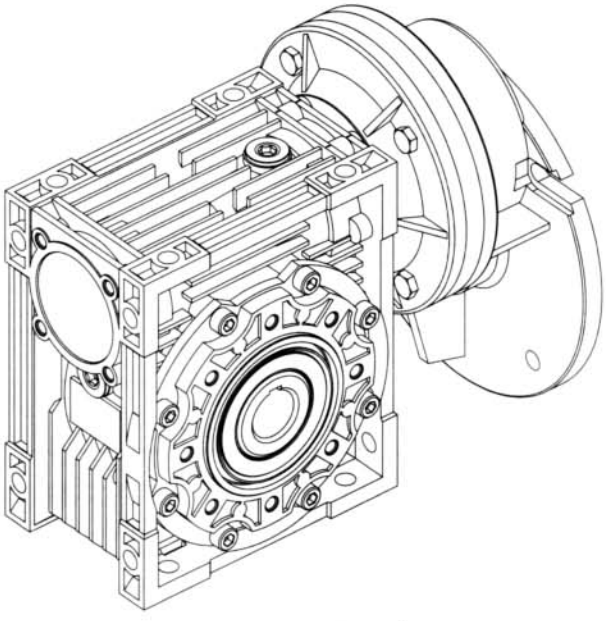
蜗 轮 减 速 机
Worm geared motors and worm gear units



NMRV

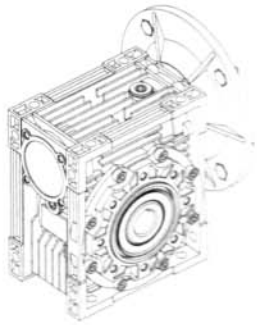
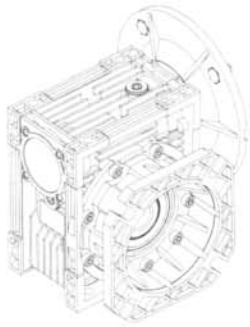
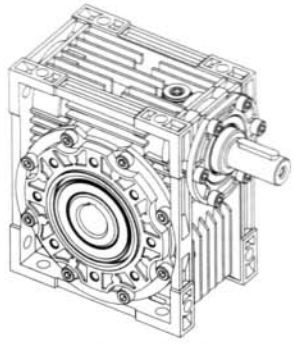
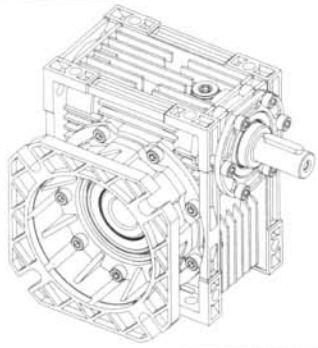
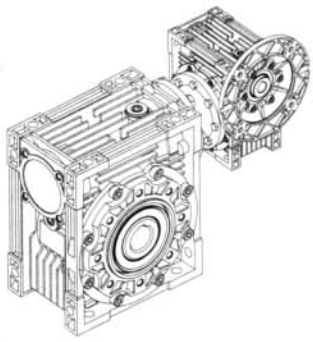
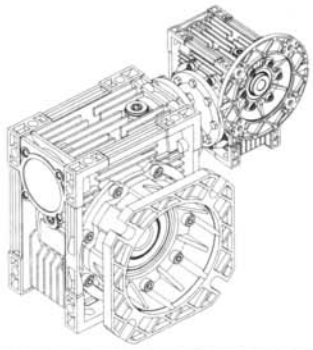
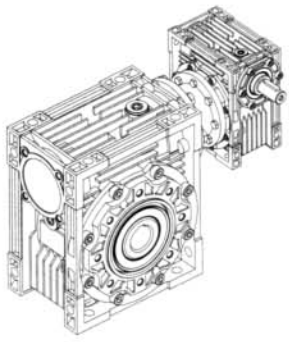
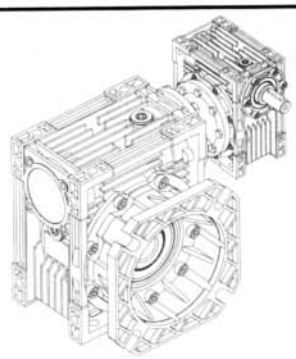
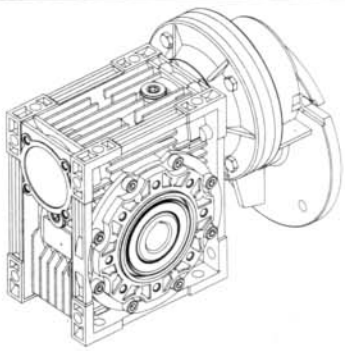
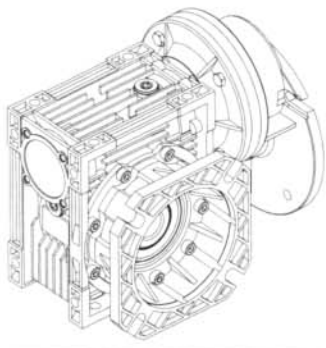


NMRV+NMRV

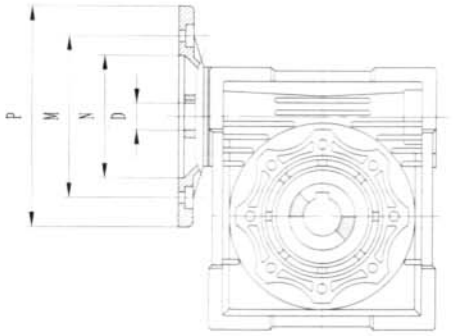


PC+NMRV

蜗轮减速机型号　Versions

	NMRV 025-130	NMRV 025-130 F	
	NRV 025-130	NRV 025-130 F	
	NMRV-NMRV 025-130	NMRV-NMRV 025-130 F	
	NRV-NMRV 025-130	NRV-NMRV 025-130 F	
	PC-NMRV 063/040-090/130	PC-NMRV 063/040-090/130 F	

电机直联尺寸 Predisposition



NMRV	PAM / IEC	N	M	P	D											
					5	7.5	10	15	20	25	30	40	50	60	80	100
025	56B14	50	65	80	9	9	9	9	9	–	9	9	9	9	–	–
030	63B5	95	115	140	11	11	11	11	11	11	11	11	11	–	–	–
	63B14	60	75	90												
	56B5	80	100	120	9	9	9	9	9	9	9	9	9	9	9	–
	56B14	50	65	80												
040	71B5	110	130	160	14	14	14	14	14	14	14	14	–	–	–	–
	71B14	70	85	105												
	63B5	95	115	140	11	11	11	11	11	11	11	11	11	11	11	11
	63B14	60	75	90												
	56B5	80	100	120	–	–	–	–	–	–	–	–	9	9	9	9
050	80B5	130	165	200	19	19	19	19	19	19	19	–	–	–	–	–
	80B14	80	100	120												
	71B5	110	130	160	14	14	14	14	14	14	14	14	14	14	14	–
	71B14	70	85	105												
	63B5	95	115	140	–	–	–	–	–	–	–	11	11	11	11	11
063	90B5	130	165	200	–	24	24	24	24	24	24	–	–	–	–	–
	90B14	95	115	140												
	80B5	130	165	200	–	19	19	19	19	19	19	19	19	19	–	–
	80B14	80	100	120												
	71B5	110	130	160	–	–	–	–	–	–	–	14	14	14	14	14
	71B14	70	85	105												
075	110/112B5	180	215	250	–	28	28	28	–	–	–	–	–	–	–	–
	110/112B14	110	130	160												
	90B5	130	165	200	–	24	24	24	24	24	24	24	–	–	–	–
	90B14	95	115	140												
	80B5	130	165	200	–	–	–	–	19	19	19	19	19	19	19	19
	80B14	80	100	120												
	71B5	110	130	160	–	–	–	–	–	–	–	–	14	14	14	14
090	110/112B5	180	215	250	–	28	28	28	28	28	28	–	–	–	–	–
	110/112B14	110	130	160												
	90B5	130	165	200	–	24	24	24	24	24	24	24	24	24	–	–
	90B14	95	115	140												
	80B5	130	165	200	–	–	–	–	–	–	–	19	19	19	19	19
	80B14	80	100	120												
110	132B5	230	265	300	–	38	38	38	38	–	–	–	–	–	–	–
	100/112B5	180	215	250	–	28	28	28	28	28	28	28	28	28	–	–
	90B5	130	165	200	–	–	–	–	–	24	24	24	24	24	24	24
	80B5	130	165	200	–	–	–	–	–	–	–	–	–	–	19	19
130	132B5	230	265	300	–	38	38	38	38	38	38	38	–	–	–	–
	100/112B5	180	215	250	–	–	–	–	–	28	28	28	28	28	28	28
	90B5	130	165	200	–	–	–	–	–	–	–	–	–	–	24	24

啮合参数表 Mesh data

蜗杆螺纹，蜗轮齿牙，效率
Worm thread,worm wheel tooth and efficiency data

NRV	i	5	7.5	10	15	20	25	30	40	50	60	80	100
025	Z1	4	4	3	2	2		1	1	1	1		
	γ	30° 57′	25° 18′	19° 31′	13° 18′	10° 53′		6° 44′	5° 29′	4° 34′	3° 56′		
	mx	1.8	1.3	1.3	1.3	1		1.3	1	0.8	0.67		
	ηd	0.86	0.84	0.82	0.78	0.74		0.66	0.61	0.57	0.54		
	ηs	0.71	0.70	0.67	0.60	0.55		0.46	0.41	0.36	0.34		
030	Z1	4	4	3	2	2	1	1	1	1	1	1	
	γ	21° 48′	18° 50′	14° 21′	9° 40′	7° 44′	5° 34′	4° 52′	3° 53′	3° 11′	2° 46′	2° 07′	
	mx	2	1.44	1.44	1.44	1.1	1.7	1.44	1.1	0.88	0.75	0.56	
	ηd	0.86	0.84	0.81	0.76	0.72	0.67	0.64	0.58	0.54	0.50	0.44	
	ηs	0.71	0.66	0.62	0.54	0.50	0.43	0.39	0.35	0.31	0.27	0.23	
040	Z1	4	4	4	2	2	2	1	1	1	1	1	1
	γ	27° 24′	21° 48′	17° 31′	11° 18′	8° 58′	7° 41′	5° 42′	4° 30′	3° 51′	3° 17′	2° 32′	2° 05′
	mx	2.8	2	1.5	2	1.5	1.25	2	1.5	1.25	1.04	0.78	0.63
	ηd	0.88	0.86	0.85	0.81	0.77	0.74	0.69	0.64	0.61	0.57	0.51	0.47
	ηs	0.72	0.69	0.65	0.58	0.53	0.5	0.44	0.4	0.36	0.32	0.28	0.24
050	Z1	4	4	4	2	2	2	1	1	1	1	1	1
	γ	23° 49′	21° 48′	17° 42′	11° 18′	9° 04′	7° 36′	5° 42′	4° 33′	3° 49′	3° 17′	2° 33′	2° 04′
	mx	3.4	2.5	1.9	2.5	1.9	1.54	2.5	1.9	1.54	1.3	0.98	0.78
	ηd	0.87	0.86	0.84	0.8	0.77	0.74	0.7	0.65	0.61	0.57	51	0.49
	ηs	0.73	0.69	0.65	0.58	0.54	0.5	0.44	0.39	0.35	0.32	0.27	0.23
063	Z1		4	4	2	2	2	1	1	1	1	1	1
	γ		24° 31′	20° 19′	12° 50′	10° 29′	8° 44′	6° 30′	5° 17′	4° 23′	3° 47′	2° 59′	2° 25′
	mx		3.25	2.5	3.25	2.5	2	3.25	2.5	2	1.68	1.28	1.02
	ηd		0.87	0.86	0.82	0.8	0.77	0.73	0.69	0.65	0.61	56	0.5
	ηs		0.7	0.65	0.59	0.54	0.5	0.45	0.4	0.36	0.33	0.28	0.24
075	Z1		4	4	2	2	2	1	1	1	1	1	1
	γ		26° 33′	21° 48′	14° 02′	11° 18′	9° 37′	7° 07′	5° 42′	4° 50′	4° 05′	3° 15′	2° 40′
	mx		4	3	4	3	2.45	4	3	2.45	2	1.54	1.24
	ηd		0.88	0.87	0.84	0.81	0.79	0.75	0.71	0.68	0.64	0.59	0.54
	ηs		0.7	0.67	0.6	0.57	0.52	0.46	0.42	0.38	0.35	0.29	0.26
090	Z1		4	4	2	2	2	1	1	1	1	1	1
	γ		28° 20′	23° 26′	15° 05′	12° 14′	10° 37′	7° 40′	6° 11′	5° 21′	4° 36′	3° 36′	2° 57′
	mx		4.8	3.6	4.8	3.6	3	4.8	3.6	3	2.5	1.88	1.5
	ηd		0.89	0.88	0.85	0.83	0.81	0.77	0.74	0.71	0.68	0.62	0.58
	ηs		0.72	0.69	0.63	0.59	0.55	0.49	0.45	0.41	0.38	0.32	0.28
110	Z1		4	4	2	2	2	1	1	1	1	1	1
	γ		28° 17′	27° 35′	15° 03′	14° 38′	12° 37′	7° 39′	7° 26′	6° 23′	5° 31′	4° 23′	3° 38′
	mx		5.89	4.6	5.89	4.6	3.75	5.89	4.6	3.75	3.12	2.36	1.9
	ηd		0.89	0.88	0.85	0.84	0.83	0.78	0.77	0.74	0.71	0.66	0.62
	ηs		0.71	0.68	0.62	0.61	0.58	0.48	0.48	0.44	0.41	0.36	0.32
130	Z1		4	4	2	2	2	1	1	1	1	1	1
	γ		28° 46′	26° 15′	15° 21′	13° 51′	11° 49′	7° 48′	7° 01′	5° 58′	5° 12′	4° 05′	3° 25′
	mx		7	5.4	7	5.4	4.37	7	5.4	4.37	3.68	2.75	2.24
	ηd		0.9	0.88	0.86	0.85	0.83	0.79	0.77	0.74	0.71	0.67	0.63
	ηs		0.71	0.68	0.62	0.6	0.57	0.49	0.46	0.43	0.39	0.34	0.3

The helix is right-handed. ηd(1400)…..dynamic efficiency at n1=1400 ηs…..static efficiency
i…..ratio Z1:蜗杆齿数 γ:螺旋角 mx:模数

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.06	280	1.8	6.2	5		439	
	186.7	2.6	4.2	7.5		503	
	140	3.4	3.5	10		553	
	93.3	4.9	2.5	15		633	
	70	6.1	2	20	NMRV025	697	24
	46.7	8.2	1.6	30		798	
	35	10	1.3	40		878	
	28	12	0.9	50		946	
	23.3	14	0.7	60		1006	
	280	1.8	10.1	5		597	
	186.7	2.6	6.9	7.5		683	
	140	3.4	5.4	10		752	
	93.3	4.7	3.8	15		861	
	70	6	3	20		948	
	56	7	3	25	NMRV030	1021	25
	46.7	8	2.5	30		1085	
	35	9.7	1.9	40		1194	
	28	11	1.5	50		1286	
	23.3	13	1.3	60		1367	
	17.5	14	0.9	80		1504	
	14	25.1	1.3	100		1620	
	9.3	32	0.9	150	NMRV025/030	1830	48
	7	41	0.7	200		1830	
	5.6	44	0.8	250		1830	
	4.7	59.1	1.2	300		3490	
	3.5	71	0.9	400		3490	
	2.8	82	0.7	500		3490	
	2.3	101	0.6	600		3490	
	1.9	116	0.5	750		3490	
	1.6	143	0.5	900		3490	
	1.2	171	0.4	1200	NMRV025/040	3490	48
	0.9	197	0.3	1500		3490	
	0.8	217	0.3	1800		3490	
	0.6	268	0.2	2400		3490	
	0.5	324	0.2	3000		3490	
	0.4	294	0.1	4000		3490	
	0.3	356	0.1	5000		3490	
	4.7	57.4	1.3	300		3490	
	3.5	70	0.9	400		3490	
	2.8	96	0.6	500		3490	
	2.3	104	0.7	600		3490	
	1.9	121	0.6	750		3490	
	1.6	139	0.5	900		3490	
	1.2	166	0.4	1200	NMRV030/040	3490	48
	0.9	196	0.4	1500		3490	
	0.8	218	0.3	1800		3490	
	0.58	261	0.2	2400		3490	
	0.4	300	0.2	3200		3490	
	0.4	279	0.1	4000		3490	
	0.28	338	0.1	5000		3490	
	1.6	141.3	1	900		4840	
	1.2	169	0.7	1200		4840	
	0.93	199	0.7	1500		4840	
	0.78	222	0.7	1800	NMRV030/050	4840	49
	0.6	266	0.5	2400		4840	
	0.5	307	0.4	3000		4840	
	0.35	288	0.3	4000		4840	
	0.29	311	0.3	4800		4840	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.06	0.9	203.5	1.1	1500		6270	
	0.78	225	0.9	1800		6270	
	0.58	276	0.8	2400	NMRV030/063	6270	49
	0.47	319	0.7	3000		6270	
	0.35	306	0.6	4000		6270	
	0.28	360	0.4	5000		6270	
	0.6	330.4	1.1	2400		7380	
	0.47	377	0.8	3000	NMRV040/075	7380	49
	0.35	355	0.7	4000		7380	
	0.28	419	0.5	5000		7380	
	0.5	405.9	1.4	3000		8180	
	0.35	365	1.3	4000	NMRV040/090	8180	50
	0.28	431	1	5000		8180	
0.09	280	2.7	4.1	5		439	
	186.7	3.9	2.8	7.5		503	
	140	5.1	2.4	10		553	
	93.3	7.3	1.6	15	NMRV025	633	24
	70	9.2	1.3	20		697	
	46.7	12	1.1	30		798	
	35	15	0.9	40		878	
	280	2.7	6.7	5		597	
	186.7	3.9	4.6	7.5		683	
	140	5	3.6	10		752	
	93.3	7.1	2.5	15		861	
	70	9	2	20	NMRV030	948	25
	56	10	2	25		1021	
	46.7	12	1.7	30		1085	
	35	14	1.2	40		1194	
	28	17	1	50		1286	
	23.3	19	0.9	60		1367	
	14	37.7	0.8	100		1620	
	9.3	49	0.6	150		1830	
	7	62	0.5	200		1830	
	5.6	66	0.5	250		1830	
	4.7	75	0.4	300		1830	
	3.5	107	0.3	400		1830	
	2.8	115	0.3	500		1830	
	2.3	135	0.2	600	NMRV025/030	1830	48
	1.9	151	0.2	750		1830	
	1.6	178	0.2	900		1830	
	1.2	212	0.1	1200		1830	
	0.9	247	0.1	1500		1830	
	0.78	304	0.1	1800		1830	
	0.58	340	0.1	2400		1830	
	0.47	405	0.1	3000		1830	
	28	19	2	50		2475	
	23.3	21	1.7	60	NMRV040	2630	26
	17.5	26	1.3	80		2895	
	14	29	1	100		3118	
	4.7	87.6	0.8	300	NMRV030/040	3490	48
	3.5	106.7	1.2	400		4840	
	2.8	123	1	500		4840	
	2.3	159	0.9	600	NMRV030/050	4840	49
	1.9	185	0.8	750		4840	
	1.6	212	0.7	900		4840	
	1.6	200	1	900		6270	
	1.2	263	0.9	1200	NMRV030/063	6270	49
	0.93	305	0.7	1500		6270	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f. s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.09	0.9	359.7	1.1	1500		7380	
	0.78	404	1	1800	NMRV040/075	7380	49
	0.58	496	0.7	2400		7380	
	0.5	608.9	0.9	3000	NMRV040/090	8180	50
	0.35	548	0.8	4000		8180	
0.12	280	3.6	5.1	5		597	
	186.7	5.2	3.4	7.5		683	
	140	6.7	2.7	10		752	
	93.3	9.5	1.9	15		861	
	70	12	1.5	20	NMRV030	948	25
	56	14	1.5	25		1021	
	46.7	16	1.3	30		1085	
	35	19	0.9	40		1194	
	28	23	0.8	50		1286	
	46.7	17.2	2.6	30		2087	
	35	21	1.9	40		2298	
	28	25	1.5	50	NMRV040	2475	26
	2.3	28	1.3	60		2630	
	17.5	34	1	80		2895	
	14	38	0.8	100		3118	
	19.1	41.5	1.2	73.3		2833	
	15.9	45	1.2	88		3011	
	11.9	56	0.9	117.3	PC063+NMRV040	3314	42
	9.5	64.6	0.7	146.7		3490	
	7.9	73	0.6	176		3490	
	23.3	29	2.3	60		3610	
	17.5	35	1.9	80	NMRV050	3973	27
	14	40	1.4	100		4280	
	9.5	66	1.3	146.7		4840	
	7.9	74	1.1	176	PC063+NMRV050	4840	42
	6.0	85	0.8	234.6		4840	
	4.8	96	0.7	293.3		4840	
	4.7	118.8	1.2	300		4840	
	3.5	142	0.9	400	NMRV030/050	4840	49
	2.8	164	0.7	500		4840	
	6.0	89	1.5	234.6	PC063+NMRV063	6270	42
	4.8	101	1.2	293.3		6270	
	2.8	171.2	1.3	500		6270	
	2.3	208	1.1	600	NMRV030/063	6270	49
	1.9	241	0.9	750		6270	
	1.6	324.9	1.2	900	NMRV040/075	7370	49
	1.2	399	0.9	1200		7380	
	0.8	546.6	0.9	1800	NMRV040/090	8180	50
	0.58	695	0.9	2400		8180	
	0.5	883.8	1.2	3000		10320	
	0.35	784	1	4000	NMRV050/110	10320	50
	0.28	928	0.8	5000		10320	
0.18	280	5.3	3.4	5		597	
	186.7	7.8	2.3	7.5		683	
	140	10	1.8	10		752	
	93.3	14	1.3	15	NMRV030	861	25
	70	18	1	20		948	
	56	21	1	25		1021	
	46.7	24	0.8	30		1085	
	70	19.2	2	20		1824	
	56	23	1.7	25	NMRV040	1964	26
	46.7	26	1.7	30		2087	
	35	32	1.3	40		2298	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f. s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.18	28	38	1	50	NMRV040	2475	26
	23.3	43	0.8	60		2630	
	19.1	62	0.8	73.3		2833	
	15.9	69	0.8	88	PC063+NMRV040	3011	42
	11.9	84	0.6	117.3		3314	
	35	32.9	2.3	40		3153	
	28	39	1.9	50		3397	
	23.3	43	1.6	60	NMRV050	3610	27
	17.5	52	1.2	80		3973	
	14	60	0.9	100		4280	
	19.1	62	1.4	73.3		3889	
	15.9	70	1.5	88		4132	
	11.9	86	1.1	117.3	PC063+NMRV050	4548	42
	9.5	99	0.9	146.7		4840	
	7.9	112	0.7	176		4840	
	6.0	129	0.6	234.6		4840	
	9.5	101	1.7	146.7		6270	
	7.9	116	1.4	176	PC063+NMRV063	6270	42
	6.0	135	1	234.6		6270	
	4.8	152	0.8	293.3		6270	
	3.5	221.5	1	400	NMRV030/063	6270	49
	2.8	257	0.8	500		6270	
	2.3	362	1.1	600		7380	
	1.9	435	0.9	750	NMRV040/075	7380	49
	1.6	487	0.8	900		7380	
	1.2	629.2	1	1200	NMRV040/090	8180	50
	0.93	735	0.8	1500		8180	
	0.8	860.6	1.5	1800	NMRV050/110	10320	50
	0.58	1113	1.1	2400		10320	
0.22	280	6.5	2.8	5		597	
	186.7	10	1.9	7.5		683	
	140	12	1.5	10	NMRV030	752	25
	93.3	17	1	15		861	
	70	22	0.8	20		948	
	93.3	18.5	2.2	15		1657	
	70	23	1.7	20		1824	
	56	28	1.4	25	NMRV040	1964	26
	46.7	32	1.4	30		2087	
	35	39	1.1	40		2298	
	28	47	0.8	50		2475	
	28	47.3	1.5	50		3397	
	23.3	53	1.3	60	NMRV050	3610	27
	17.5	64	1	80		3973	
	19.1	76	1.2	73.3		3889	
	15.9	84	1.2	88		4132	
	11.9	104	0.9	117.3	PC063+NMRV050	4548	42
	9.5	123	1.4	146.7		6270	
	7.9	141	1.1	176		6270	
	4.7	210.5	1.1	300	NMRV030/063	6270	49
	3.5	271	0.8	400		6270	
0.25	280	7.6	4.5	5		1149	
	186.7	11	3.6	7.5		1315	
	140	14	2.8	10		1447	
	93.3	21	1.9	15	NMRV040	1657	26
	70	27	1.5	20		1824	
	56	32	1.2	25		1964	
	46.7	36	1.3	30		2087	
	35	44	0.9	40		2298	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.25	70	26.9	2.7	20		2503	
	56	32	2.2	25		2696	
	46.7	37	2.3	30		2865	
	35	46	1.7	40	NMRV050	3153	27
	28	54	1.4	50		3397	
	23.3	60	1.1	60		3610	
	17.5	72	0.9	80		3973	
	19.1	86	1	73.4		3889	
	15.9	96	1.1	88.1	PC071+NMRV050	4132	43
	11.9	119	0.8	117.5		4548	
	28	56.3	2.4	50		4440	
	23.3	63	2	60	NMRV063	4719	28
	17.5	78	1.6	80		5193	
	14	87	1.4	100		5595	
	19.1	89	1.8	73.4		5083	
	15.9	98	2	88.1		5401	
	11.9	123	1.5	117.5		5945	
	9.5	140	1.2	146.9	PC071+NMRV063	6270	43
	7.9	161	1	176.3		6270	
	6.0	185.6	0.7	235		6270	
	4.8	211	0.6	293.8		6270	
	7	159.5	1.4	400	NMRV030/063	6270	49
	5.6	185	1.2	500		6270	
	17.5	81.9	2.3	80	NMRV075	6130	29
	14	94	1.9	100		6603	
	9.5	148	1.7	146.9		7380	
	7.9	170	1.4	176.3	PC071+NMRV075	7380	43
	6.0	195	1.1	235		7380	
	4.8	225	0.9	293.8		7380	
	3.5	336.3	1.1	400	NMRV040/075	7380	49
	2.8	384	0.8	500		7380	
	2.3	511.8	1.2	600		8180	
	1.9	598	0.9	750	NMRV040/090	8180	50
	1.6	667	0.8	900		8180	
	1.2	943	1.3	1200		10320	
	0.93	1064	1.2	1500	NMRV050/110	10320	50
	0.78	1195	1.1	1800		10320	
	0.6	1624	1	2400		13500	
	0.47	1935	0.8	3000	NMRV063/130	13500	50
	0.35	2046	0.6	4000		13500	
	0.28	2430	0.5	5000		13500	
0.37	280	11.2	3	5		1149	
	186.7	16	2.4	7.5		1315	
	140	21	1.9	10		1447	
	93.3	31	1.3	15	NMRV040	1657	26
	70	39	1	20		1824	
	56	47	0.8	25		1964	
	46.7	53	0.8	30		2087	
	140	21.7	3.3	10		1987	
	93.3	31	2.4	15		2274	
	70	40	1.8	20		2503	
	56	48	1.5	25	NMRV050	2696	27
	46.7	55	1.5	30		2865	
	35	68	1.1	40		3153	
	28	80	0.9	50		3397	
	23.3	89	0.8	60		3610	
	35	70.7	2.1	40	NMRV063	4122	28
	28	83	1.6	50		4440	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f. s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.37	23.3	94	1.4	60		4719	
	17.5	115	1.1	80	NMRV063	5193	28
	14	129	0.9	100		5595	
	19.1	131	1.2	73.4		5083	
	15.9	145	1.4	88.1	PC071+NMRV063	5401	43
	11.9	182	1	117.5		5945	
	9.5	208	0.8	146.9		6270	
	23.3	98.4	2	60		5569	
	17.5	121	1.6	80	NMRV075	6130	29
	14	139	1.3	100		6603	
	19.1	135	1.8	73.4		6000	
	15.9	151	1.9	88.1		6375	
	11.9	188	1.5	117.5	PC071+NMRV075	7017	43
	9.5	218	1.1	146.9		7380	
	7.9	251	0.9	176.3		7380	
	4.7	405.5	1	300	NMRV040/075	7380	49
	3.5	498	0.7	400		7380	
	7.9	265	1.5	176.3		8180	
	6.0	312	1.1	235	PC071+NMRV090	8180	43
	4.8	363	0.9	293.8		8180	
	4.7	401.8	1.5	300		8180	
	3.5	523	1.2	400	NMRV040/090	8180	50
	2.8	611	0.9	500		8180	
	2.3	757	0.8	600		8180	
	1.9	949.5	1.3	750		10320	
	1.6	1079	1.2	900	NMRV050/110	10320	50
	1.2	1396	0.8	1200		10320	
	0.9	1674.1	1.1	1500	NMRV063/130	13500	50
	0.78	1887	0.9	1800		13500	
0.55	280	16.7	2	5		1149	
	186.7	24	1.6	7.5	NMRV040	1315	26
	140	32	1.3	10		1447	
	93.3	46	0.9	15		1657	
	280	16.7	3.7	5		1577	
	186.7	25	2.9	7.5		1805	
	140	32	2.2	10		1987	
	93.3	46	1.6	15	NMRV050	2274	27
	70	59	1.2	20		2503	
	56	71	1	25		2696	
	46.7	81	1	30		2865	
	70	60.8	2.2	20		3272	
	56	73	1.8	25		3524	
	46.7	83	1.9	30	NMRV063	3745	29
	35	105	1.4	40		4122	
	28	124	1.1	50		4440	
	23.3	140	0.9	60		4719	
	19.1	196	0.8	73.4	PC071+NMRV063	5083	43
	15.9	215	0.9	88.1		5401	
	35	108.1	2	40		4865	
	28	129	1.6	50		5241	
	23.3	146	1.4	60	NMRV075	5569	29
	17.5	180	1.1	80		6130	
	14	206	0.9	100		6603	
	19.1	201	1.2	73.4		6000	
	15.9	229	1.3	88.1	PC071+NMRV075	6375	43
	11.9	279	1	176.3		7017	
	18.7	205.4	1.2	75	PC080+NMRV075	6000	44
	15.6	230	1.3	90		6375	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.55	11.7	284	1	120	PC080+NMRV075	7017	44
	9.3	332	0.8	150		7380	
	17.5	189.1	1.5	80	NMRV090	6783	30
	14	221	1.2	100		7306	
	15.6	239.7	2.3	90	PC080+NMRV090	7054	44
	11.7	297	1.6	120		7764	
	9.3	355	1.3	150		8180	
	7.8	398	1	180		8180	
	5.8	477	0.8	240		8180	
	17.5	201.1	2.6	80	NMRV110	8571	31
	14	236	2	100		9232	
	7.8	425.5	1.8	180	PC080+NMRV110	10320	44
	5.8	513	1.3	240		10320	
	4.7	597	1	300		10320	
	4.7	638.9	2	300	NMRV050/110	10320	50
	3.5	826	1.4	400		10320	
	2.8	984	1.1	500		10320	
	2.3	1181	1	600		10320	
	1.9	1411	0.9	750		10320	
	2.8	995.5	1.6	500	NMRV063/130	13500	50
	1.9	1471	1.2	750		13500	
	1.2	2132	0.8	1200		13500	
0.75	280	22.8	2.7	5	NMRV050	1577	27
	186.7	34	2.1	7.5		1805	
	140	44	1.6	10		1987	
	93.3	63	1.2	15		2274	
	70	81	0.9	20		2503	
	93.3	63.7	2.2	15	NMRV063	2973	28
	70	83	1.6	20		3272	
	56	100	1.3	25		3524	
	46.7	114	1.4	30		3745	
	35	143	1	40		4122	
	56	102.3	2	25	NMRV075	4160	29
	46.7	117	2	30		4421	
	35	147	1.5	40		4865	
	28	177	1.2	50		5241	
	23.3	200	1	60		5569	
	18.7	280.1	0.9	75	PC080+NMRV075	6000	44
	15.6	313	1	90		6375	
	28	184.2	1.8	50	NMRV090	5799	30
	23.3	212	1.5	60		6163	
	17.5	258	1.1	80		6783	
	14	302	0.9	100		7306	
	15.6	326.9	1.7	90	PC080+NMRV090	7054	44
	11.7	405	1.2	120		7764	
	9.3	483	0.9	150		8180	
	7.8	543	0.7	180		8180	
	17.5	274.2	1.9	80	NMRV110	8571	31
	14	322	1.5	100		9232	
	11.7	429.8	2.2	120	PC080+NMRV110	9811	44
	9.3	506	1.7	150		10320	
	7.8	580	1.3	180		10320	
	5.8	700	0.9	240		10320	
	4.7	871.2	1.5	300	NMRV050/110	10320	50
	3.5	1126	1.1	400		10320	
	5.8	712.2	1.4	240	PC080+NMRV130	13500	44
	4.7	813	1.1	300		13500	
	2.8	1357.5	1.1	500	NMRV063/130	13500	50

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f. s.	i	减速机型号 Type	Fr2 (N)	页码 Page
0.75	2.3	1631	1	600		13500	
	1.9	2005	0.9	750	NMRV063/130	13500	50
	1.6	2283	0.8	900		13500	
1.1	186.7	49.5	2.6	7.5		2359	
	140	65	2	10		2597	
	93.3	93	1.5	15	NMRV063	2973	28
	70	122	1.1	20		3272	
	56	146	0.9	25		3524	
	46.7	167	1	30		3745	
	93.3	95.7	2.1	15		3509	
	70	123	1.7	20		3862	
	56	150	1.3	25	NMRV075	4160	29
	46.7	171	1.3	30		4421	
	35	216	1	40		4865	
	35	225.1	1.6	40		5383	
	28	270	1.3	50	NMRV090	5799	30
	23.3	311	1	60		6163	
	28	281.4	2.3	50		7328	
	23.3	324	1.9	60	NMRV110	7787	31
	17.5	402	1.3	80		8571	
	14	473	1	100		9232	
	19	398	2.5	73.6		8298	
	14.3	515	1.8	98.2		9133	
	11.4	609	1.5	122.7	PC090+NMRV110	9838	44
	9.5	693	1.1	147.3		10320	
	7.1	840	0.8	196.4		10320	
	17.5	408.2	2.1	80	NMRV130	11210	32
	14	480	1.5	100		12076	
	19	404	3.5	73.6		10853	
	14.3	515	2.6	98.2		11945	
	11.4	619	2	122.7	PC090+NMRV130	12868	44
	9.5	693	1.6	147.3		13500	
	7.1	855	1.2	196.4		13500	
	5.7	978	0.9	245.5		13500	
	4.7	1312.1	1.3	300		13500	
	3.5	1671	1	400	NMRV063/130	13500	50
	2.8	1991	0.8	500		13500	
1.5	186.7	67.5	1.9	7.5		2359	
	140	89	1.5	10	NMRV063	2597	28
	93.3	127	1.1	15		2973	
	70	166	0.8	20		3272	
	140	90	2.2	10		3065	
	93.3	130	1.5	15		3509	
	70	168	1.3	20	NMRV075	3862	29
	56	205	1	25		4160	
	46.7	233	1	30		4421	
	70	171.9	2.1	20		4273	
	56	210	1.6	25		4603	
	46.7	239	1.7	30	NMRV090	4891	30
	35	307	1.2	40		5383	
	28	368	0.9	50		5799	
	23.3	424	0.8	60		6163	
	35	319.2	2.2	40		6803	
	28	384	1.7	50	NMRV110	7328	31
	23.3	442	1.4	60		7787	
	17.5	548	0.9	80		8571	
	19	543	1.9	73.6	PC090+NMRV110	8298	44
	14.3	703	1.3	98.2		9133	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	减速机型号 Type	Fr2 (N)	页码 Page
1.5	11.4	831	1.1	122.7	PC090-NMRV110	9838	44
	9.5	946	0.8	147.3		10320	
	17.5	556.6	1.5	80	NMRV130	11210	32
	14	655	1.1	100		12076	
	19	550	2.6	73.6	PC090-NMRV130	10853	44
	14.3	703	1.9	98.2		11945	
	11.4	845	1.5	122.7		12868	
	9.5	998	1.1	147.3		13500	
	7.1	1165	0.8	196.4		13500	
	4.7	1789.3	1	300	NMRV063/130	13500	50
	3.5	2279	0.7	400		13500	
2.2	186.7	100.2	1.8	7.5	NMRV075	2785	29
	140	132	1.5	10		3065	
	93.3	191	1	15		3509	
	186.7	101.3	2.9	7.5	NMRV090	3081	30
	140	134	2.3	10		3391	
	93.3	194	1.9	15		3882	
	70	252	1.4	20		4273	
	56	308	1.1	25		4603	
	46.7	351	1.2	30		4891	
	70	255.1	2.5	20	NMRV110	5399	31
	56	315	2.2	25		5816	
	46.7	356	2	30		6181	
	35	468	1.5	40		6803	
	28	563	1.2	50		7328	
	23.3	648	1	60		7787	
	35	468.2	2.2	40	NMRV130	8897	32
	28	563	1.7	50		9584	
	23.3	648	1.4	60		10185	
	17.5	816	1	80		11210	
3	186.7	136.6	1.4	7.5	NMRV075	2785	29
	140	180	1.1	10		3065	
	93.3	261	0.8	15		3509	
	186.7	138.1	2.1	7.5	NMRV090	3081	30
	140	182	1.7	10		3391	
	93.3	264	1.4	15		3882	
	70	344	1	20		4273	
	56	420	0.8	25		4603	
	46.7	479	0.9	30		4891	
	93.3	264	2.5	15	NMRV110	4905	31
	70	348	1.9	20		5399	
	56	430	1.6	25		5816	
	46.7	485	1.5	30		6181	
	35	638	1.1	40		6803	
	28	767	0.9	50		7328	
	56	429.8	2.2	25	NMRV130	7607	32
	46.7	491	2.1	30		8084	
	35	638	1.6	40		8897	
	28	767	1.3	50		9584	
	23.3	884	1	60		10185	
	17.5	1113	0.8	80		11210	
4	186.7	184.2	1.6	7.5	NMRV090	3081	30
	140	243	1.3	10		3391	
	93.3	352	1	15		3882	
	70	458	0.8	20		4273	
	140	242.8	2.5	10	NMRV110	4285	31
	93.3	352	1.9	15		4905	
	70	464	1.4	20		5399	

性能参数表 Performance

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	减速机型号 Type	Fr2 (N)	页码 Page
4	56	573	1.2	25	NMRV110	5816	31
	46.7	647	1.1	30		6181	
	56	573	1.6	25		7607	
	46.7	655	1.6	30		8084	
	35	851	1.2	40	NMRV130	8897	32
	28	1023	1	50		9584	
	23.3	1179	0.8	60		10185	
4.8	186.7	221	1.3	7.5		3081	
	140	291	1.1	10	NMRV090	3391	30
	93.3	422	0.9	15		3882	
	186.7	221	2.5	7.5		3893	
	140	291	2.1	10		4285	
	93.3	422	1.6	15	NMRV110	4905	31
	70	557	1.2	20		5399	
	56	688	1	25		5816	
	56	687.6	1.4	25		7607	
	46.7	786	1.3	30	NMRV130	8084	32
	35	1022	1	40		8897	
	28	1228	0.8	50		9584	
5.5	186.7	253.2	2.2	7.5		3893	
	140	334	1.8	10	NMRV110	4285	31
	93.3	484	1.4	15		4905	
	70	638	1	20		5399	
	140	333.9	2.5	10		5605	
	93.3	490	1.9	15		6416	
	70	645	1.4	20	NMRV130	7062	32
	56	788	1.2	25		7607	
	46.7	900	1.2	30		8084	
	35	1171	0.9	40		8897	
7.5	186.7	345.3	1.6	7.5		3893	
	140	455	1.3	10	NMRV110	4285	31
	93.3	660	1	15		4905	
	186.7	349.2	2.1	7.5		5092	
	140	455	1.8	10		5605	
	93.3	668	1.4	15		6416	
	70	880	1	20	NMRV130	7062	32
	56	1074	0.9	25		7607	
	46.7	1228	0.8	30		8084	
	35	1596	0.7	40		8897	
9.2	186.7	423.6	1.3	7.5	NMRV110	3893	31
	186.7	428.3	1.8	7.5		5092	
	140	559	1.5	10		5605	
	93.3	819	1.1	15	NMRV130	6416	32
	70	1079	0.8	20		7062	
	56	1318	0.7	25		7607	

NRV性能参数表 Performance

(n1=1400)

M2 (Nm)	i	P1 (kW)	n2 (1/min)	减速机型号 Type	Fr2 (N)	Fr1 (N)	页码 Page
18	5	0.6	280	NRV030	597	150	25
18	7.5	0.4	186.7		683	150	
18	10	0.3	140		752	169	
18	15	0.2	93.3		861	169	
18	20	0.2	70		948	190	
21	25	0.2	56		1021	210	
20	30	0.2	46.7		1085	210	
18	40	0.1	35		1194	210	
17	50	0.1	28		1286	210	
16	60	0.1	23.3		1367	210	
13	80	0.1	17.5		1504	210	
34	5	1.1	280	NRV040	1149	250	26
40	7.5	0.9	186.7		1315	294	
40	10	0.7	140		1447	331	
40	15	0.5	93.3		1657	331	
39	20	0.4	70		1824	350	
38	25	0.3	56		1964	350	
45	30	0.3	46.7		2087	350	
41	40	0.2	35		2298	350	
39	50	0.2	28		2475	350	
36	60	0.2	23.3		2630	350	
33	80	0.1	17.5		2895	350	
29	100	0.1	14		3118	350	
62	5	2	280	NRV050	1577	350	27
71	7.5	1.6	186.7		1805	401	
72	10	1.2	140		1987	490	
74	15	0.9	93.3		2274	490	
73	20	0.7	70		2503	490	
70	25	0.5	56		2696	490	
84	30	0.6	46.7		2865	490	
76	40	0.4	35		3153	490	
73	50	0.3	28		3397	490	
68	60	0.3	23.3		3610	490	
65	80	0.2	17.5		3973	490	
55	100	0.2	14		4280	490	
128	7.5	2.8	186.7	NRV063	2359	500	28
130	10	2.2	140		2597	571	
140	15	1.6	93.3		2973	615	
135	20	1.2	70		3272	667	
130	25	1	56		3524	700	
160	30	1.1	46.7		3745	700	
145	40	0.8	35		4122	700	
135	50	0.6	28		4440	700	
130	60	0.5	23.3		4719	700	
122	80	0.4	17.5		5193	700	
118	100	0.3	14		5595	700	
185	7.5	4.1	186.7	NRV075	2785	700	29
195	10	3.2	140		3065	830	
200	15	2.3	93.3		3509	851	
210	20	1.9	70		3862	980	
200	25	1.5	56		4160	980	
230	30	1.5	46.7		4421	980	
220	40	1.1	35		4865	980	
210	50	0.9	28		5241	980	
200	60	0.8	23.3		5569	980	
190	80	0.6	17.5		6130	980	
180	100	0.5	14		6603	980	

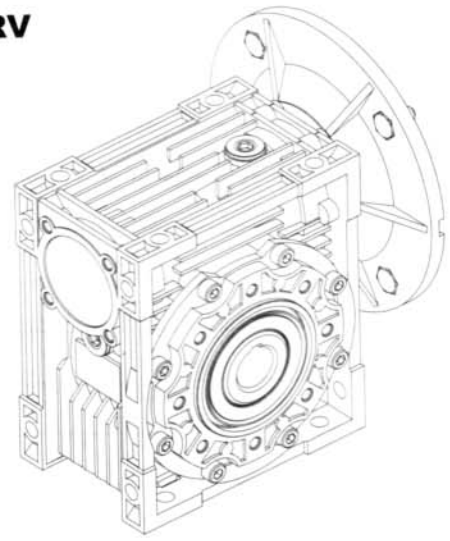
NRV性能参数表 Performance

(n1=1400)

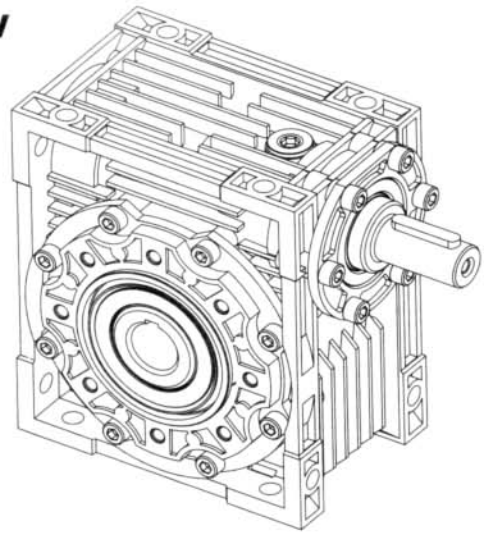
M2 (Nm)	i	P1 (kW)	n2 (1/min)	减速机型号 Type	Fr2 (N)	Fr1 (N)	页码 Page
290	7.5	6.3	186.7		3081	900	
310	10	5.1	140		3391	1082	
360	15	4.1	93.3		3882	1257	
355	20	3.1	70		4273	1270	
340	25	2.4	56		4603	1270	
410	30	2.6	46.7	NRV090	4891	1270	30
360	40	1.8	35		5383	1270	
340	50	1.4	28		5799	1270	
320	60	1.1	23.3		6163	1270	
285	80	0.8	17.5		6783	1270	
270	100	0.7	14		7306	1270	
552	7.5	12	186.7		3893	1200	
598	10	9.8	140		4285	1463	
656	15	7.5	93.3		4905	1604	
644	20	5.6	70		5399	1700	
679	25	4.7	56		5816	1700	
725	30	4.5	46.7	NRV110	6181	1700	31
702	40	3.3	35		6803	1700	
660	50	2.6	28		7328	1700	
616	60	2.1	23.3		7787	1700	
515	80	1.4	17.5		8571	1700	
483	100	1.1	14		9232	1700	
750	7.5	16.1	186.7		5092	1500	
820	10	13.5	140		5605	1845	
920	15	10.3	93.3		6416	2070	
910	20	7.8	70		7062	2100	
930	25	6.5	56		7607	2100	
1040	30	6.4	46.7	NRV130	8084	2100	32
1050	40	4.9	35		8897	2100	
980	50	3.8	28		9584	2100	
900	60	3.1	23.3		10185	2100	
840	80	2.3	17.5		11210	2100	
740	100	1.7	14		12076	2100	

NMRV/NRV

NMRV



NRV

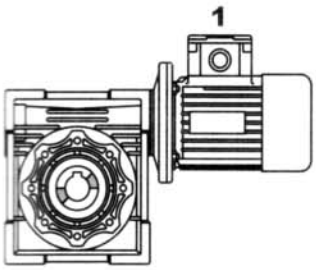


NMRV型号标记　NMRV Model & marker

NMRV-063-30-VS-F1(FA)-AS-80B5-0.75kW-B3			
NMRV	蜗轮减速器 Worm geared motor		
NRV	蜗轮减速器(配接输入轴) Worm reduction unit		
063	蜗轮减速器中心距 Center dictance		
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
0.75kW	电机功率 Electric motor power	**B3**	安装方位 Mounting position

安装方位　Mounting positions

B3



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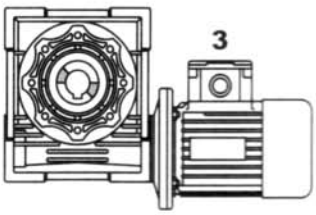
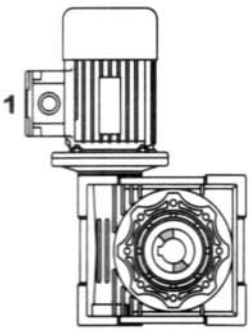


V5



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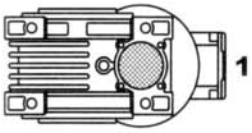

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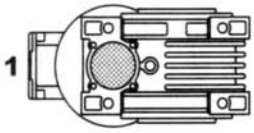

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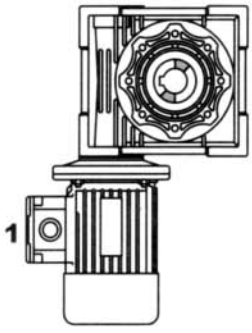
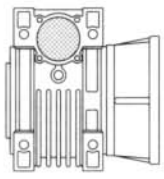


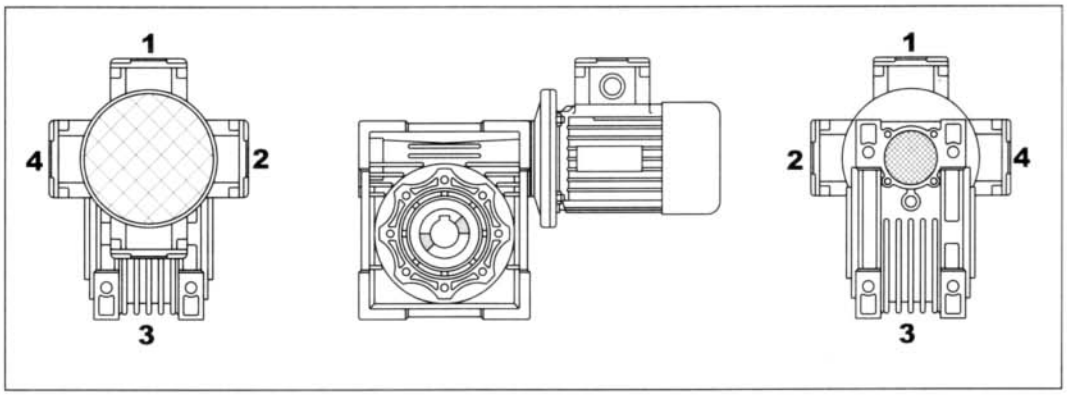
法兰位置　Flange F-FL

F1



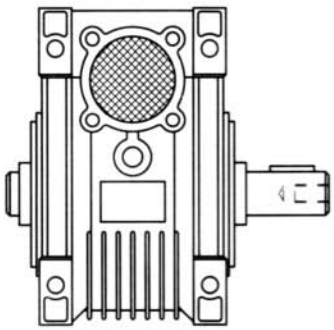
F2

接线盒安装方式　Pos. of terminal box

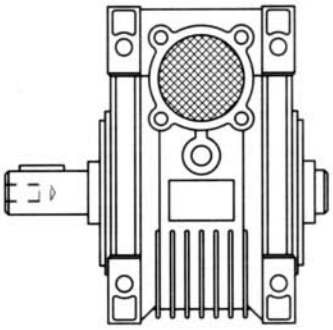


输出轴配置　Pos. of output shaft

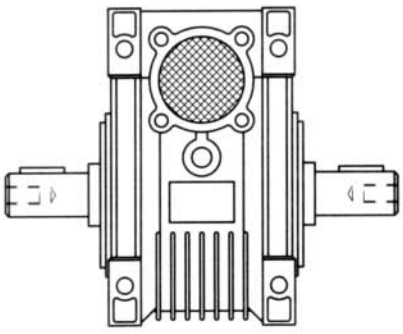
AS1



AS2

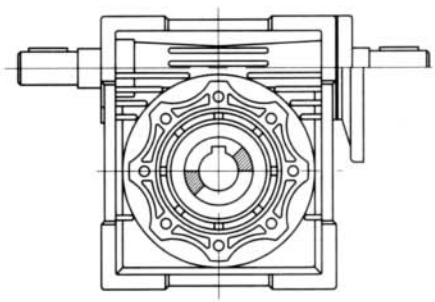


AB



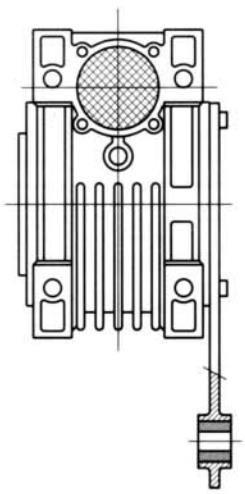
双向输入轴　Double extension worm shaft

VS



扭力臂配置　Pos. of torque arm

A1



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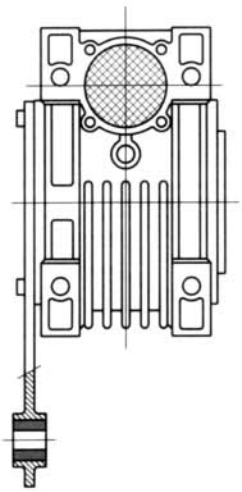
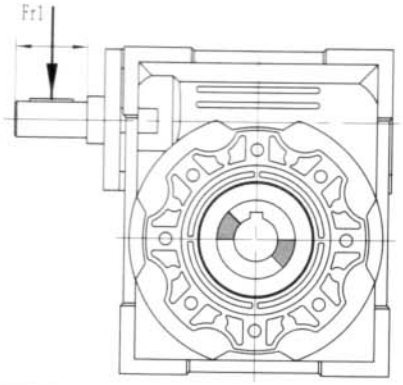


润滑油的选用　Choice of lubricant

油量公升数　Q.ty of oil in litres									
NMRV	025	030	040	050	063	075	090	110	130
B3	0.02	0.04	0.08	0.15	0.3	0.55	1	3	4.5
B8								2.2	3.3
B6-B7								2.5	3.5
V5								3	4.5

		合成油 Synthetic	矿物油 Mineral
ISO	VG32	VG320	VG320
国内使用 Used in interior	广研润滑	#A460	
国外使用 Used in foreign Countries	IP	TELIUM VSF	MELLANA OIL 220
	SHELL	TIVELA OIL SC320	OMALA OIL 220
	AGIP	BLASIA S320	BLASIA 220
	MOBIL	GLYGOYLE 30	MOBILGEAR 220
	CASTROL	ALPHASYN PG 320	ALPHA MAX 220

输入轴许用径向载荷　Applied mid-way along the input shaft



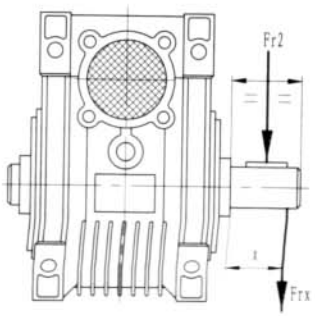
(N)

n1	NRV030	NRV040	NRV050	NRV063	NRV075	NRV090	NRV110	NRV130
1400	150	250	350	500	700	900	1200	1500
900	175	290	400	580	810	1040	1390	1740
500	210	350	490	700	980	1270	1700	2100

输出轴许用径向载荷　Applied mid-way along the output shaft

(N)

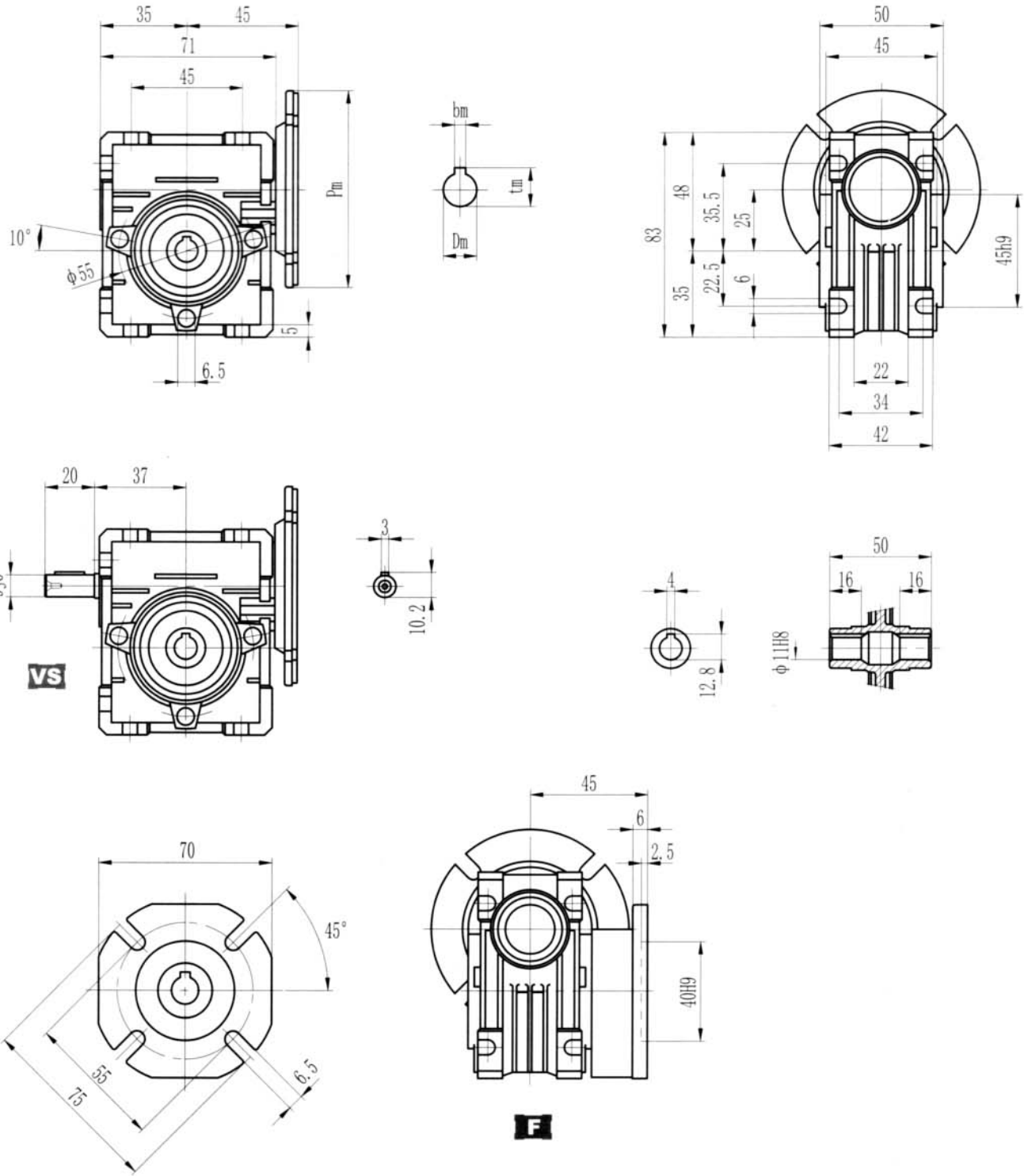
n2	NRV025	NRV030	NRV040	NRV050	NRV063	NRV075	NRV090	NRV110	NRV130
400	390	530	1020	1400	1830	2160	2390	3020	3950
250	460	620	1200	1650	2150	2520	2800	3530	4610
150	550	740	1420	1960	2540	2990	3310	4180	5470
100	630	850	1620	2250	2910	3430	3800	4790	6260
60	740	1000	1920	2660	3450	4060	4500	5680	7420
40	850	1150	2200	3050	3950	4650	5150	6500	8500
25	990	1350	2570	3570	4620	5440	6020	7600	9940
10	1350	1830	3490	4840	6270	7380	8180	10320	13500
a	50	65	84	101	120	131	162	191	203
b	38	50	64	76	95	101	122	151	163



$$Frx=Fr\frac{a}{b+x}$$

--表中的数值为作用于出力轴中点的许可加载力
--当减速机为双出轴时，折算到轴端的径向合力不能超过表中规定的数值
--当径向力和轴向力同时施加时，最大许可的轴向推力为径向力的1/5
--Above table is the allowed loading force on the midpoint of output shaft
--When the reducer is with double output shafts, the resultant radial power at the edge of shaft should not exceed the values specified as in above table
--the max allowed axial thrust is 1/5 of radial force while the radial force and axial force effected together

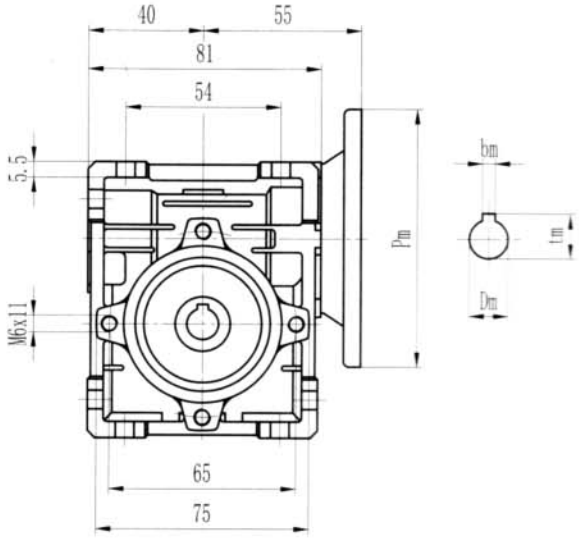
NMRV025

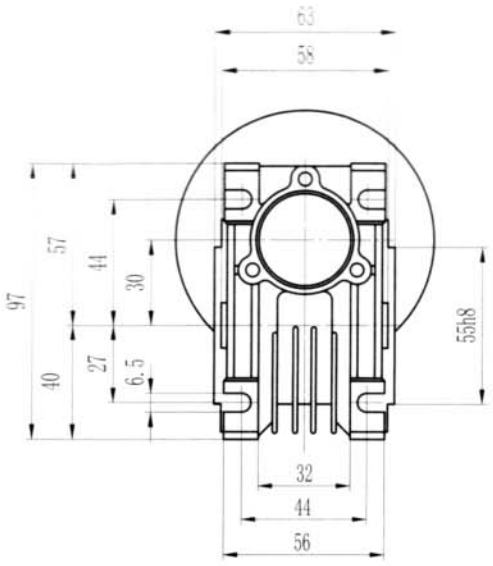


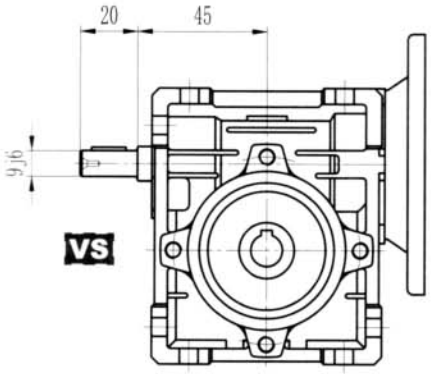
*不带电机重量为:0.7kg
*输入尺寸（Pm,Dm,bm,tm）参照第52页图表
*Weight without motor:0.7kg
*for the dimensions concerning the motor connection area(Pm,Dm,bm,tm)please refer to the table shown at page 52

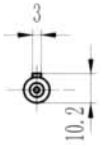
减速机外形尺寸 Dimensions

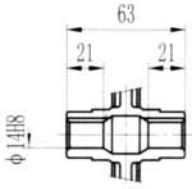
NMRV030

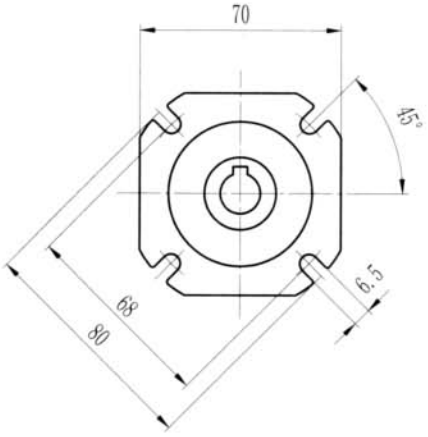


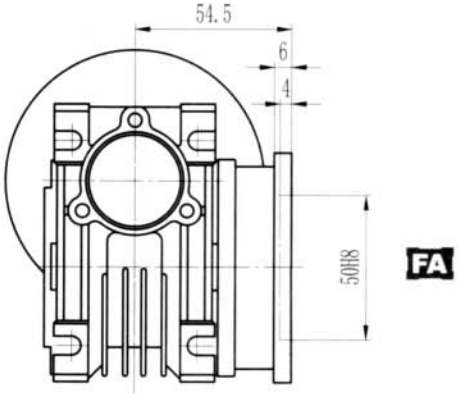








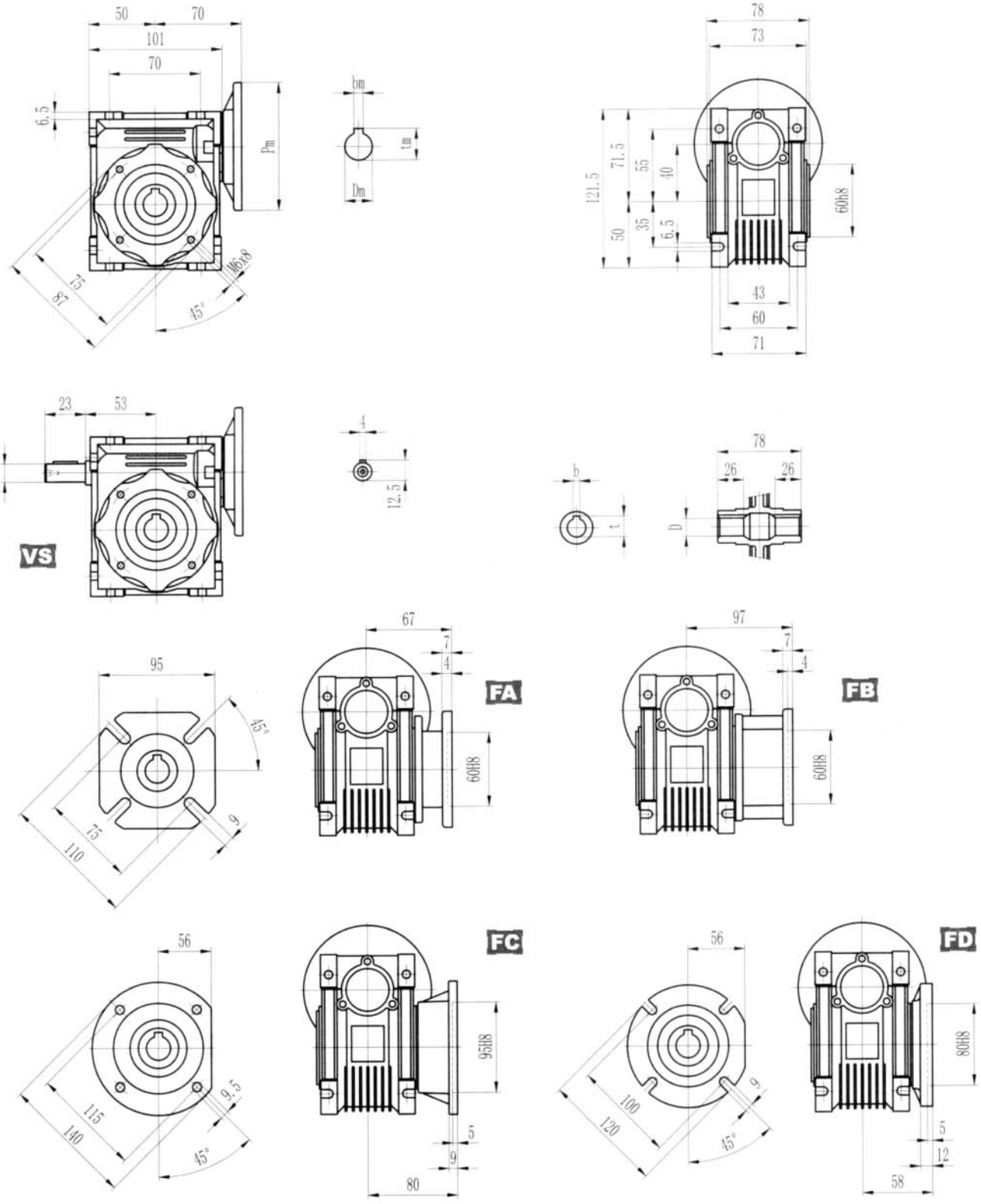




*不带电机重量为:1.2kg
*输入尺寸（Pm,Dm,bm,tm）参照第52页图表
*Weight without motor:1.2kg
*for the dimensions concerning the motor connection area(Pm,Dm,bm,tm)please refer to the table shown at page 52

减速机外形尺寸 Dimensions

NMRV040

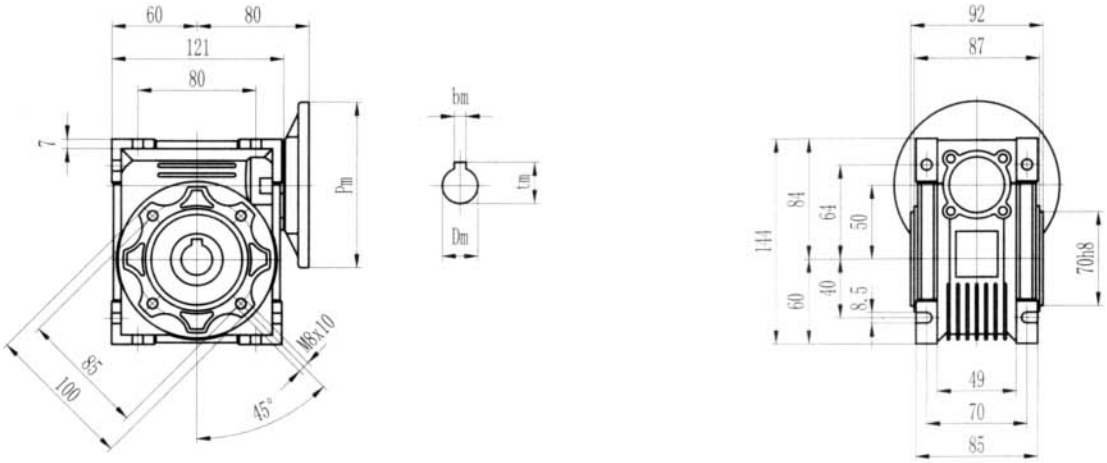


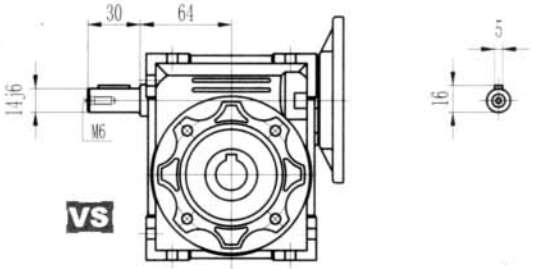
输出/Output		
D H8	b	t
18 (19)	6 (6)	20.8 (21.8)

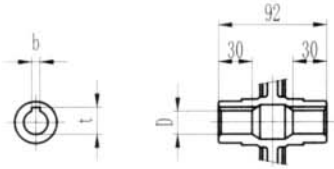
(..)根据用户要求定制
*不带电机重量为:2.3kg
*输入尺寸（Pm, Dm, bm, tm）参照第52页图表
(..)Only on request
*Weight without motor:2.3kg
*for the dimensions concerning the motor connection area(Pm, Dm, bm, tm) please refer to the table shown at page 52

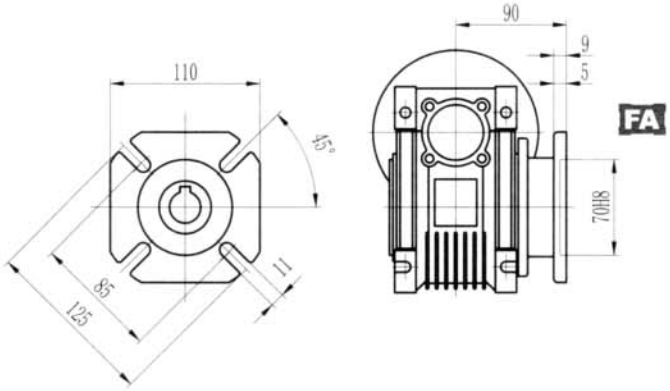
减速机外形尺寸　Dimensions

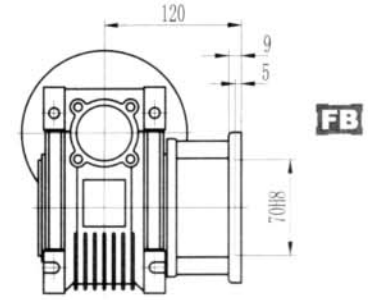
NMRV050

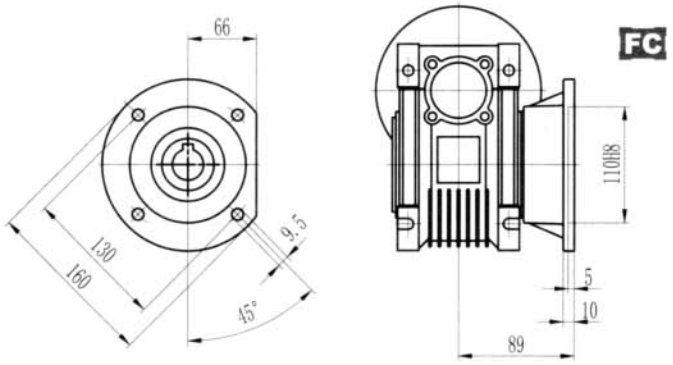


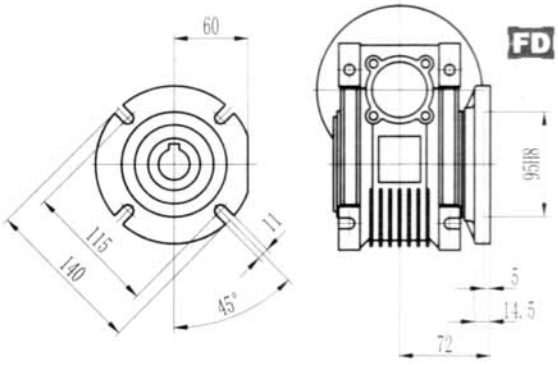








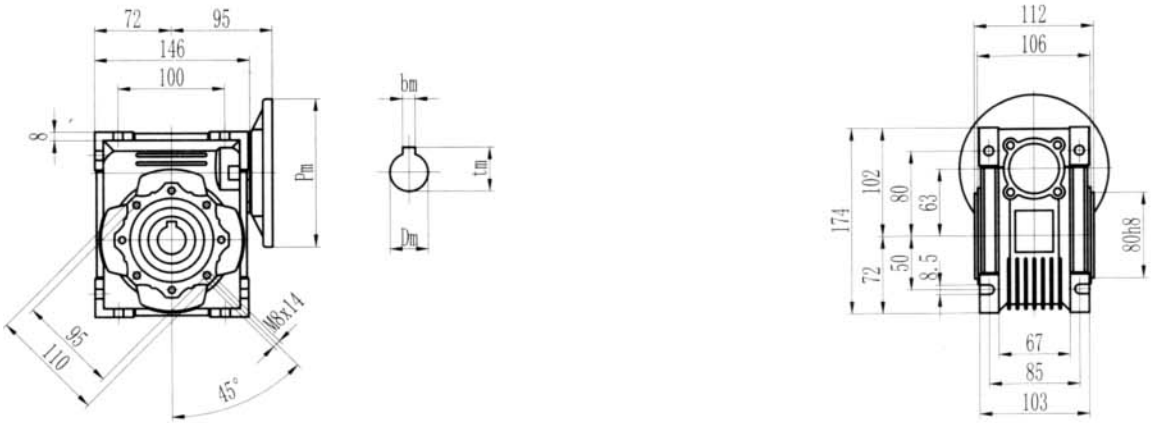


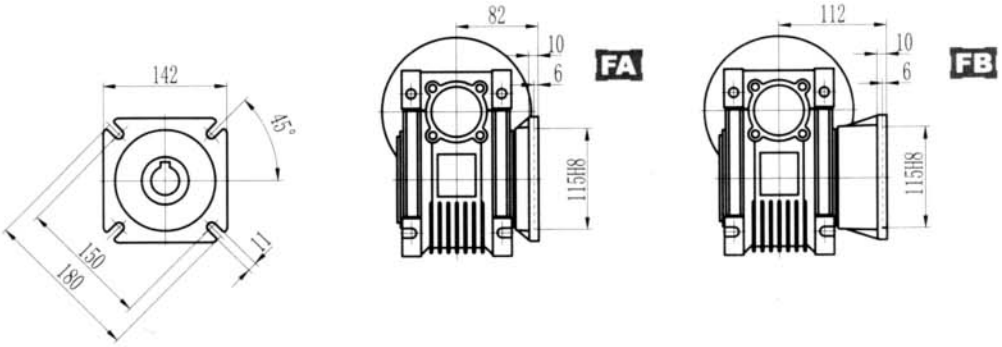


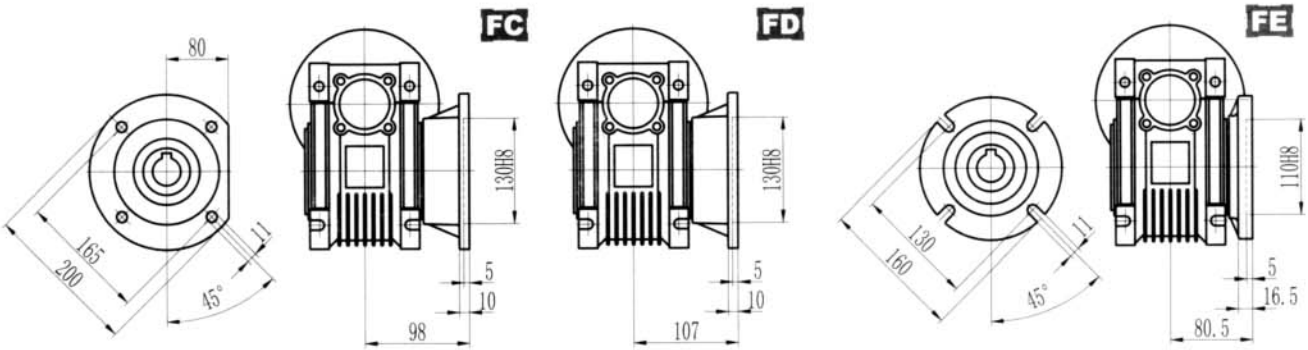
输出/Output		
D H8	b	t
25 (24)	8 (8)	28.3 (27.3)

(..)根据用户要求定制
*不带电机重量为:3.5kg
*输入尺寸（Pm,Dm,bm,tm）参照第52页图表
(..)Only on request
*Weight without motor:3.5kg
*for the dimensions concerning the motor connection area(Pm,Dm,bm,tm) please refer to the table shown at page 52

NMRV063





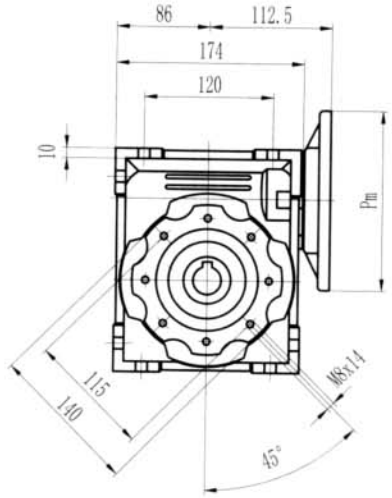


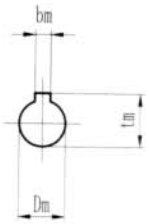
输出/Output		
D H8	b	t
25 (28)	8 (8)	28.3 (31.3)

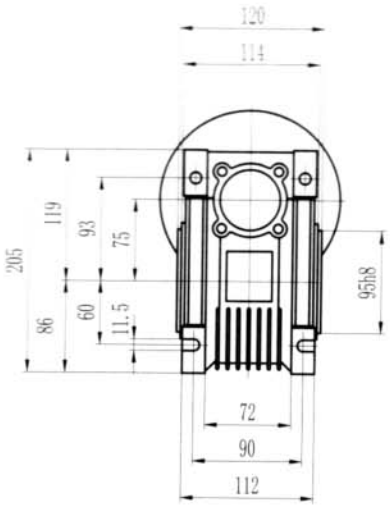
(..)根据用户要求定制
*不带电机重量为:6.2kg
*输入尺寸（Pm,Dm,bm,tm）参照第52页图表
(..)Only on request
*Weight without motor:6.2kg
*for the dimensions concerning the motor connection area(Pm,Dm,bm,tm) please refer to the table shown at page 52

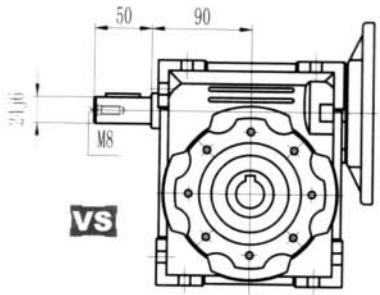
减速机外形尺寸 Dimensions

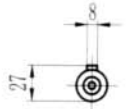
NMRV075

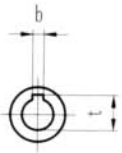


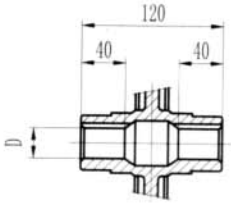


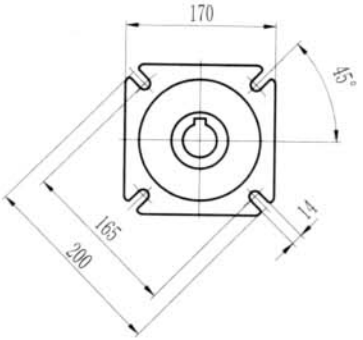


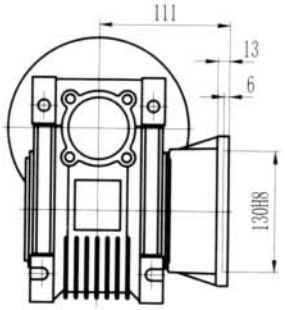


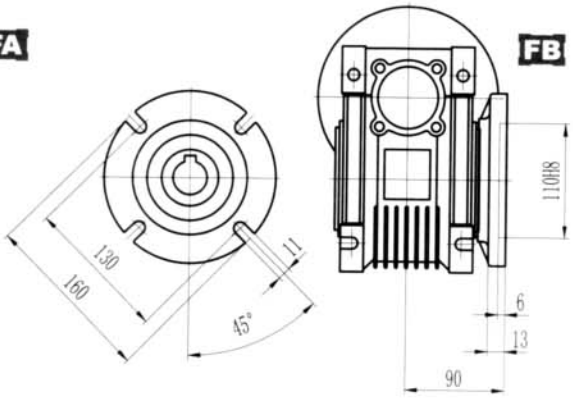










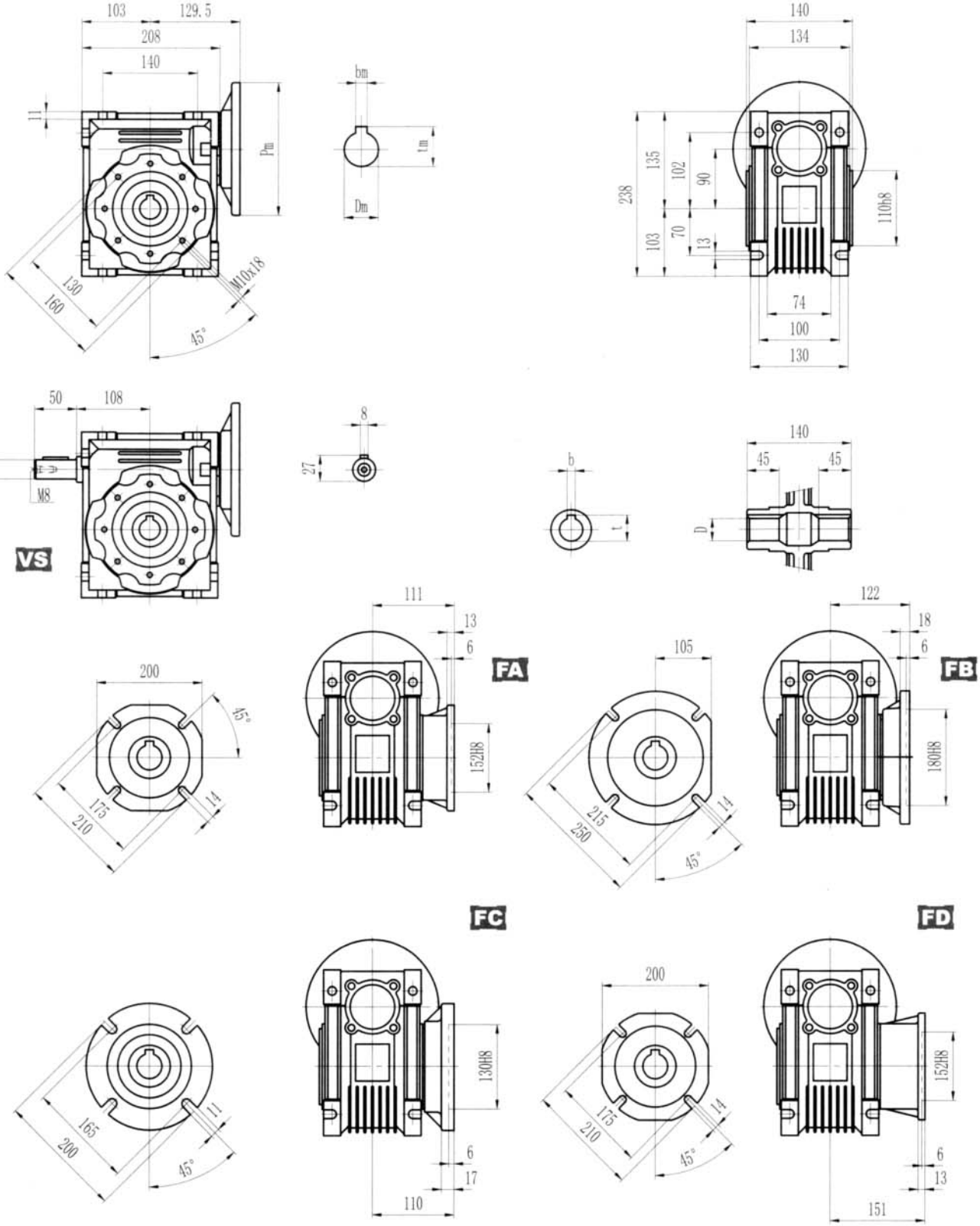


输出/Output		
D H8	b	t
28 (35)	8 (10)	31.3 (38.3)

(..)根据用户要求定制
*不带电机重量为:9kg
*输入尺寸 (Pm, Dm, bm, tm) 参照第52页图表
(..)Only on request
*Weight without motor:9kg
*for the dimensions concerning the motor connection area(Pm, Dm, bm, tm) please refer to the table shown at page 52

减速机外形尺寸 Dimensions

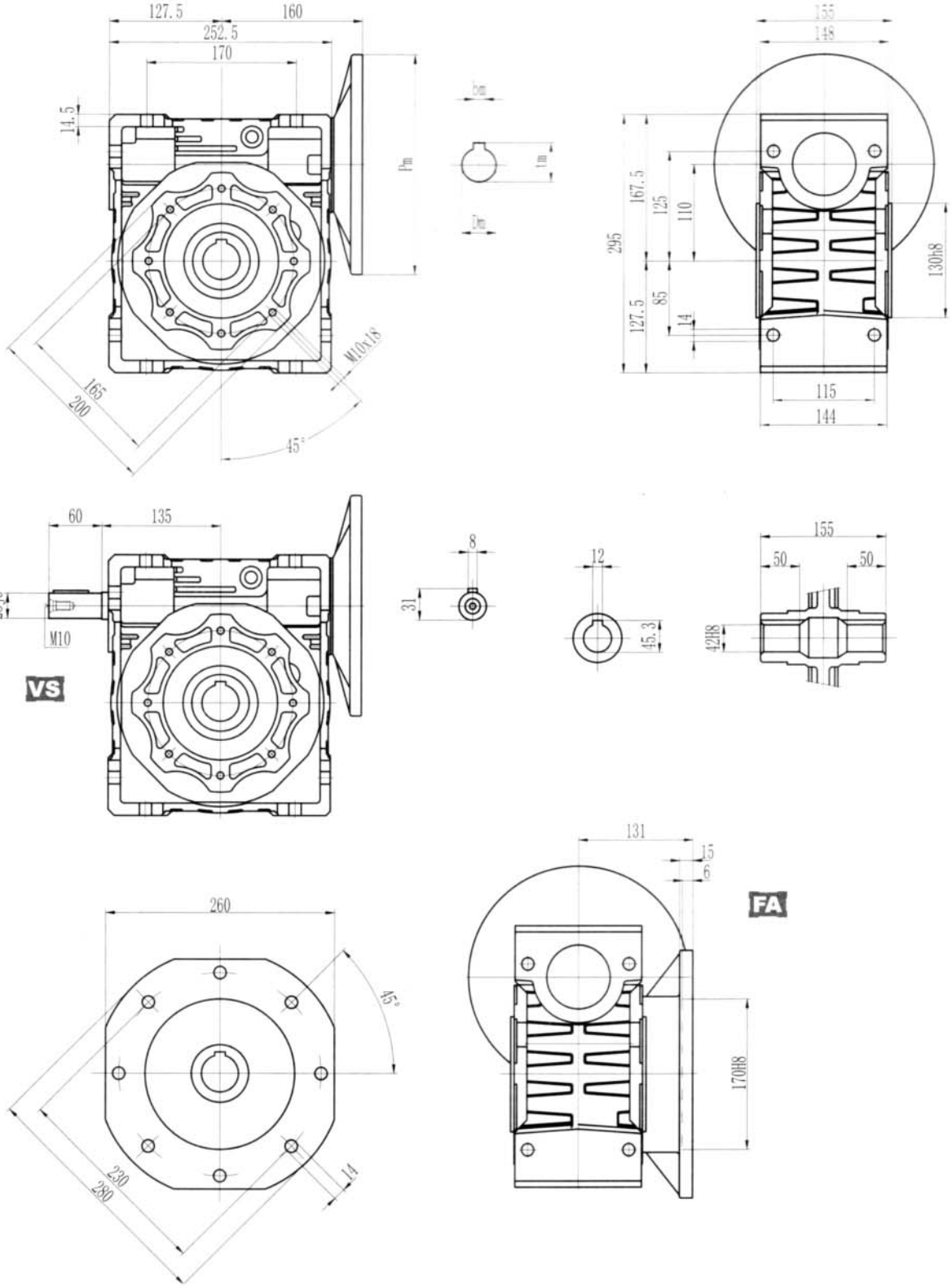
NMRV090



输出/Output		
D H8	b	t
35 (38)	10 (10)	38.3 (41.3)

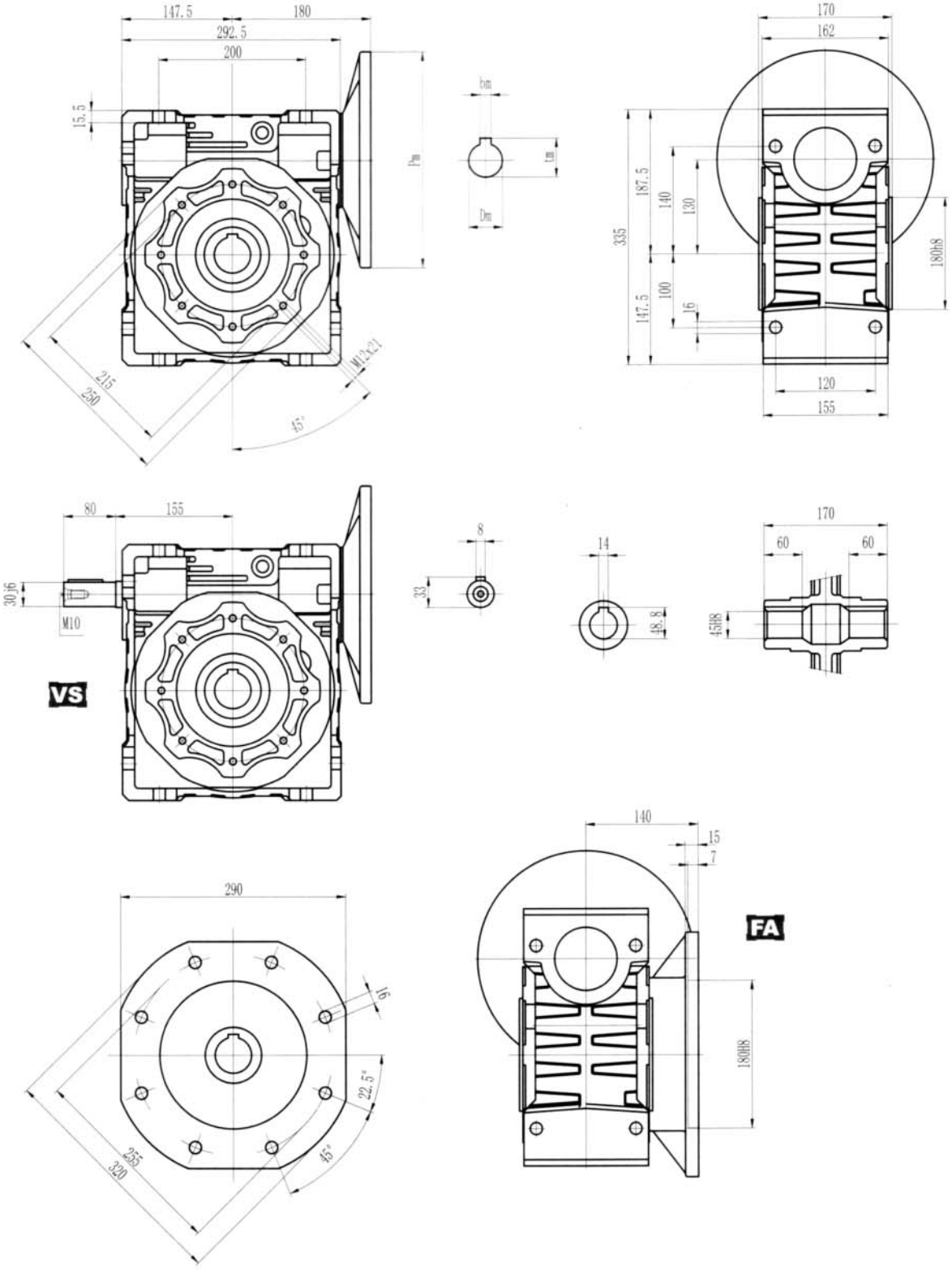
(..)根据用户要求定制
*不带电机重量为:13kg
*输入尺寸（Pm, Dm, bm, tm）参照第52页图表
(..)Only on request
*Weight without motor:13kg
*for the dimensions concerning the motor connection area(Pm, Dm, bm, tm) please refer to the table shown at page 52

NMRV110



*不带电机重量为:35kg
*输入尺寸（Pm,Dm,bm,tm）参照第52页图表
*Weight without motor:35kg
*for the dimensions concerning the motor connection area(Pm,Dm,bm,tm)please refer to the table shown at page 52

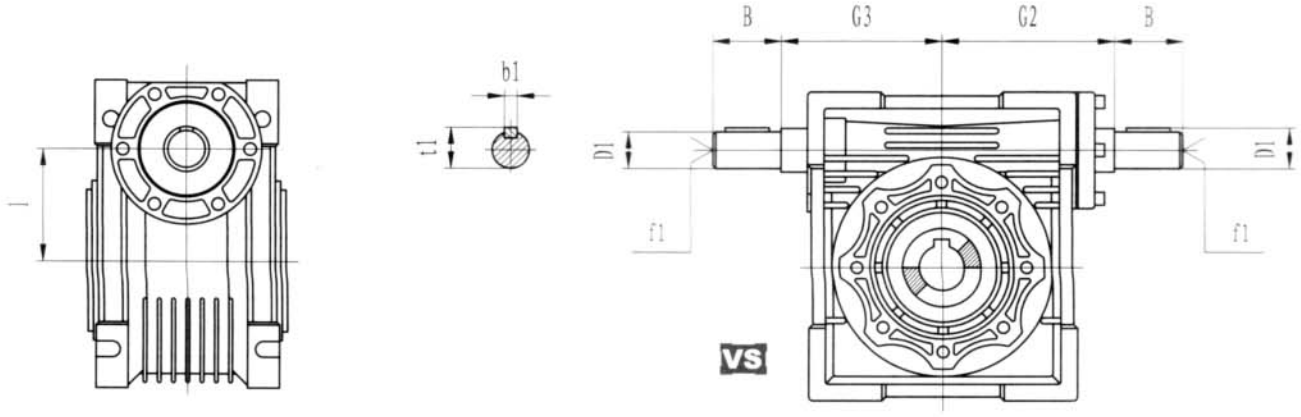
NMRV130



*不带电机重量为:48kg
*输入尺寸（Pm,Dm,bm,tm）参照第52页图表
*Weight without motor:48kg
*for the dimensions concerning the motor connection area(Pm,Dm,bm,tm)please refer to the table shown at page 52

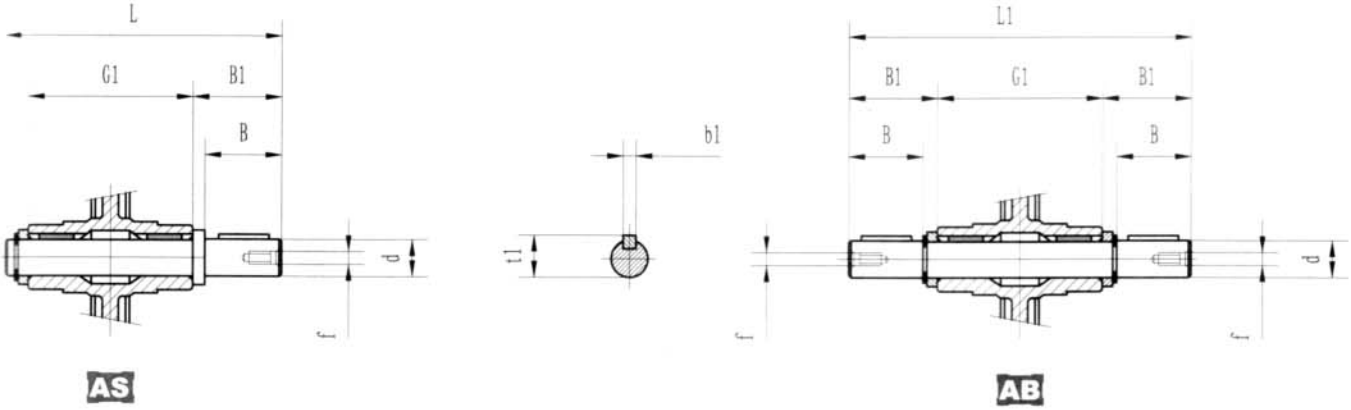
NRV外形尺寸　NRV Dimensions

NRV



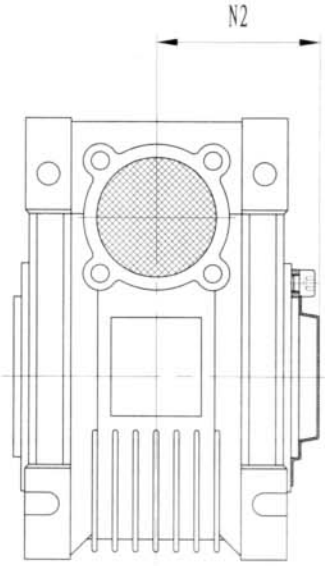
NRV	025	030	040	050	063	075	090	110	130
B	20	20	23	30	40	50	50	60	80
D1	9 j6	9 j6	11 j6	14 j6	19 j6	24 j6	24 j6	28 j6	30 j6
G2	38	51	60	74	90	105	125	142	162
G3	37	45	53	64	75	90	108	135	155
I	25	30	40	50	63	75	90	110	130
b1	3	3	4	5	6	8	8	8	8
f1	–	–	–	M6	M6	M8	M8	M10	M10
t1	10.2	10.2	12.5	16	21.5	27	27	31	33

低速轴　Low speed shafts



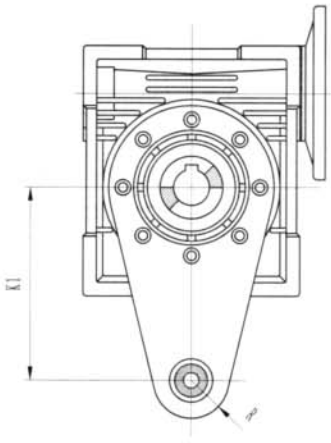
	d	B	B1	G1	L	L1	f	b1	t1
025	11g6 (9)	23 (25)	25.5 (30)	50	81 (85.5)	101	–	4 (3)	12.5 (10.2)
030	14g6	30	32.5	63	102	128	M6	5	16
040	18h6	40	43	78	128	164	M6	6	20.5
050	25h6	50	53.5	92	153	199	M10	8	28
063	25h6	50	53.5	112	173	219	M10	8	28
075	28h6	60	63.5	120	192	247	M10	8	31
090	35h6	80	84.5	140	234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

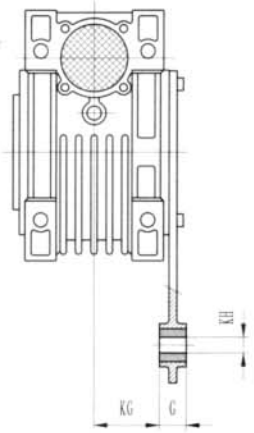
外罩 Cover



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

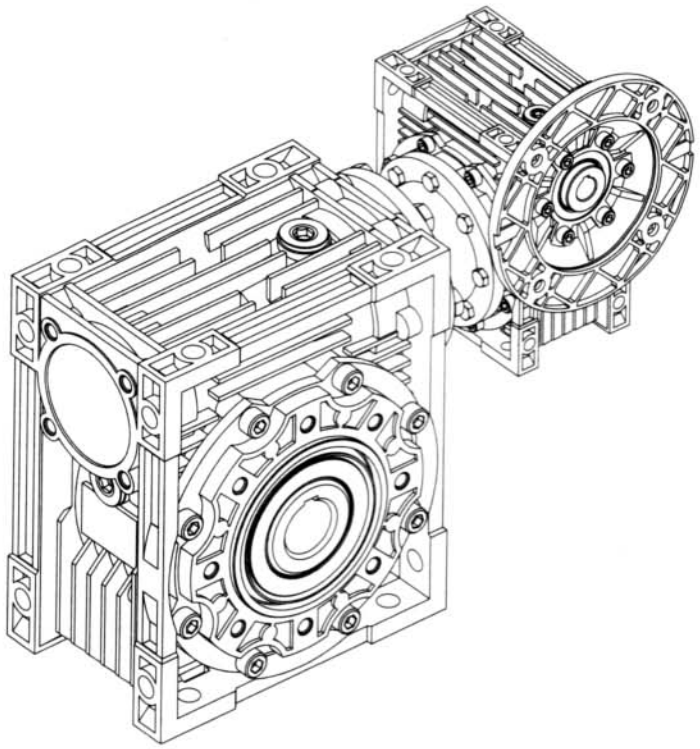
扭力臂 Torque arm





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

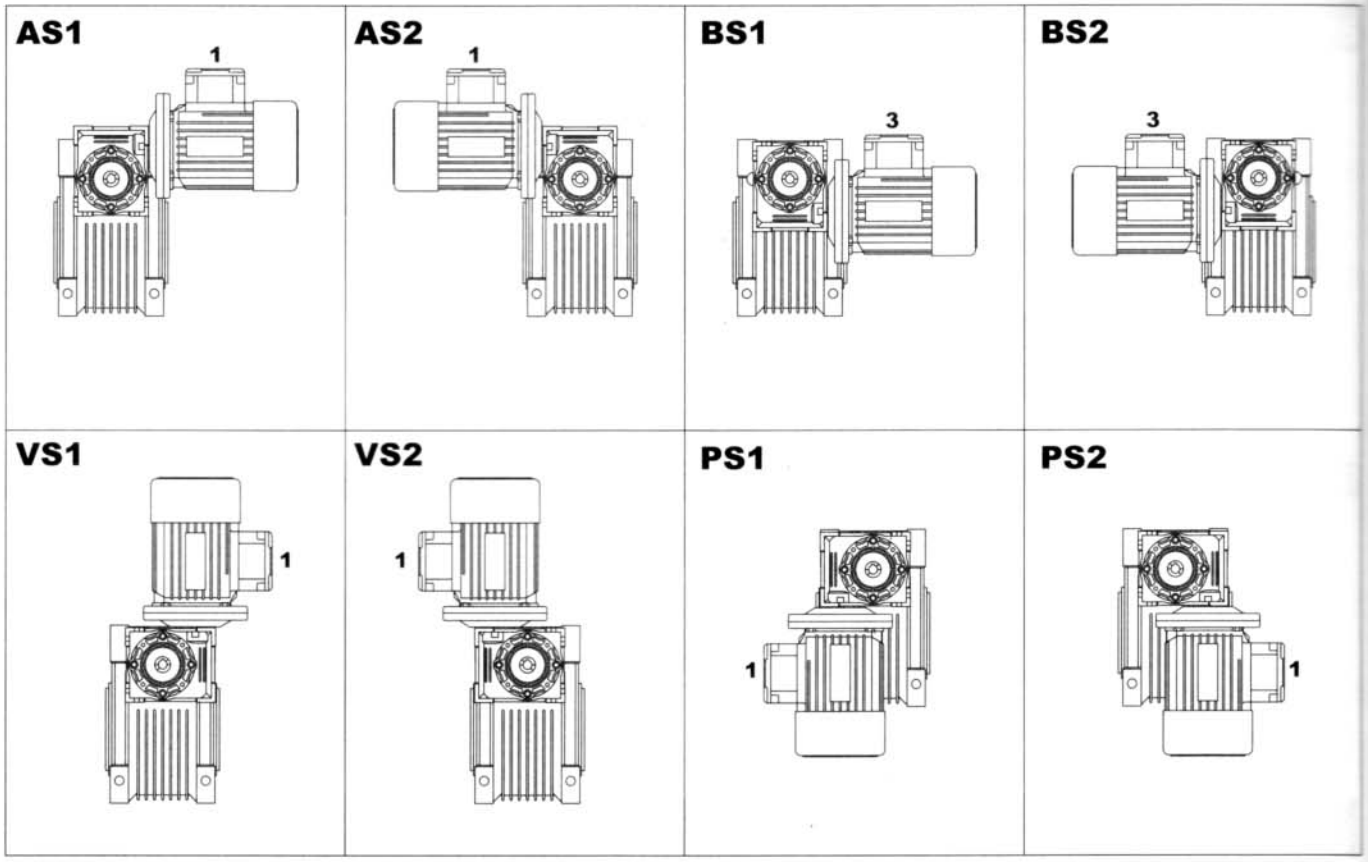
NMRV-NMRV



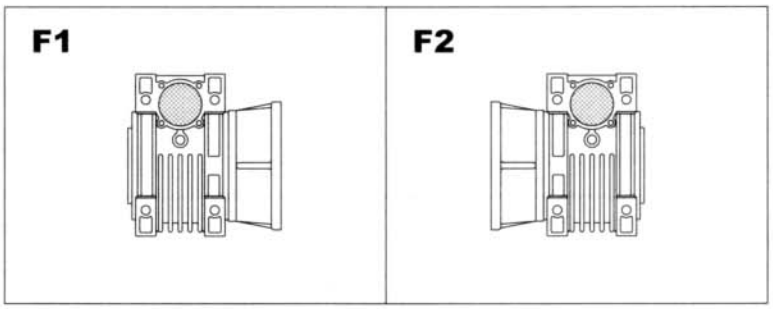
NMRV-NMRV型号标记 Model & marker

NMRV-040/090-500-VS-F1(FA)-AS-80B5-0.75kW-AS1			
NMRV+NMRV	双蜗轮减速器 Combined worm geared motor		
NRV+NMRV	配输入轴双蜗轮减速器 Combined worm reduction unit		
040/090	蜗轮减速器中心距 Center dictance		
500	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

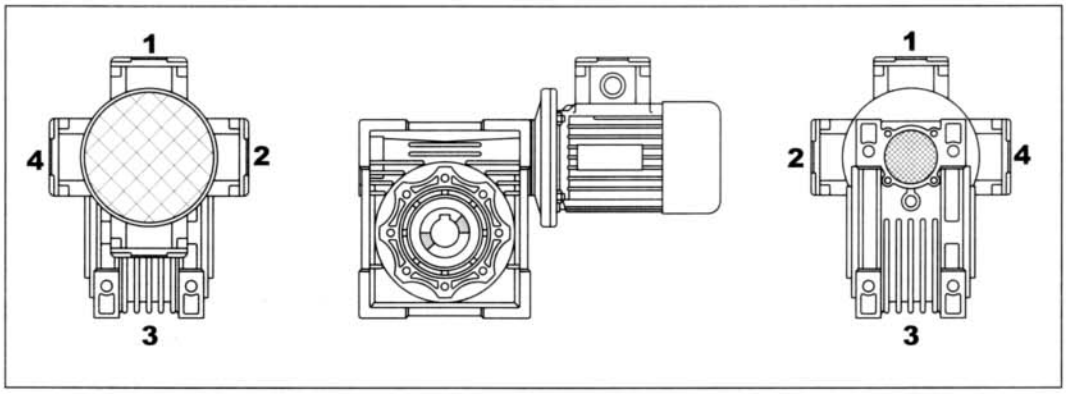
NMRV-NMRV安装方位　Mounting positions



法兰位置　Flange F-FL



接线盒安装方式　Pos. of terminal box



NMRV-NMRV参数表 Parameter table

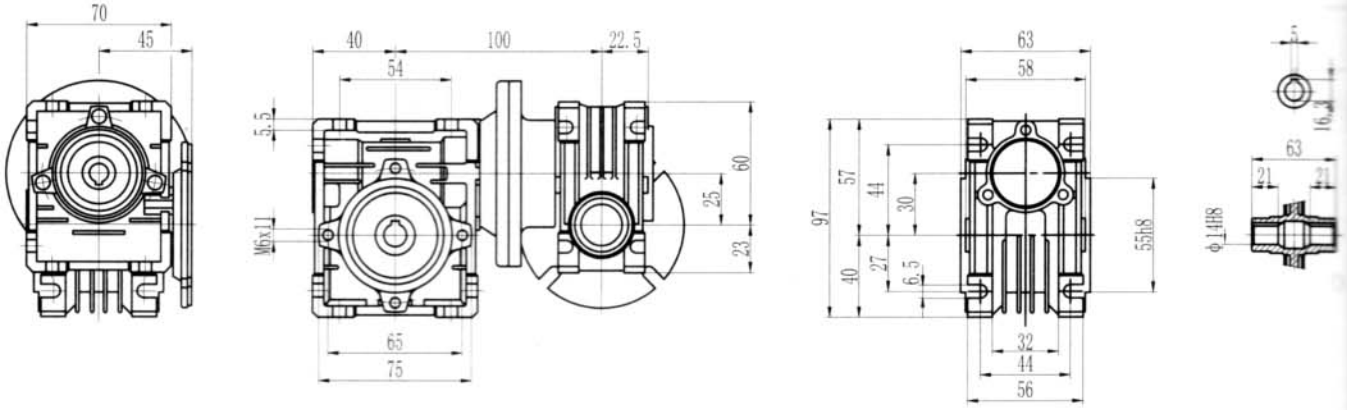
*n1=1400rpm

	i	n2	kW1	M2 (Nm)	i1	i2
NRV 030/040	300	4.7	0.08	73	10	30
	400	3.5	0.06	65	10	40
	500	2.8	0.04	61	20	25
	600	2.3	0.04	73	20	30
	750	1.9	0.04	73	25	30
	900	1.6	0.03	73	30	30
	1200	1.2	0.02	65	30	40
	1500	0.9	0.02	73	50	30
	1800	0.8	0.02	73	60	30
	2400	0.58	0.01	65	60	40
	3200	0.4	0.01	65	80	40
	4000	0.4	0.01	33	50	80
	5000	0.28	0.01	29	50	100
NRV 030/050	300	4.7	0.15	145	10	30
	400	3.5	0.1	124	10	40
	500	2.8	0.09	120	10	50
	600	2.3	0.08	145	20	30
	750	1.9	0.07	145	25	30
	900	1.6	0.06	145	30	30
	1200	1.2	0.04	124	30	40
	1500	0.93	0.04	145	50	30
	1800	0.78	0.04	145	60	30
	2400	0.6	0.03	124	60	40
	3000	0.5	0.02	120	60	50
	4000	0.35	0.02	82	50	80
	4800	0.29	0.02	82	60	80
NRV 030/063	300	4.7	0.24	230	7.5	40
	400	3.5	0.19	230	10	40
	500	2.8	0.15	216	10	50
	600	2.3	0.13	230	15	40
	750	1.9	0.11	216	15	50
	900	1.6	0.09	198	15	60
	1200	1.2	0.08	230	30	40
	1500	0.93	0.06	216	30	50
	1800	0.78	0.05	198	30	60
	2400	0.58	0.05	230	60	40
	3000	0.47	0.04	216	60	50
	4000	0.35	0.03	172	50	80
	5000	0.28	0.02	150	50	100
NRV 040/075	300	4.7	0.36	390	10	30
	400	3.5	0.27	360	10	40
	500	2.8	0.21	320	10	50
	600	2.3	0.19	390	20	30
	750	1.9	0.16	390	25	30
	900	1.6	0.14	390	30	30
	1200	1.2	0.11	360	30	40
	1500	0.93	0.1	390	50	30
	1800	0.78	0.09	390	60	30
	2400	0.58	0.07	360	60	40
	3000	0.47	0.05	320	60	50
	4000	0.35	0.04	250	50	80
	5000	0.28	0.03	230	50	100

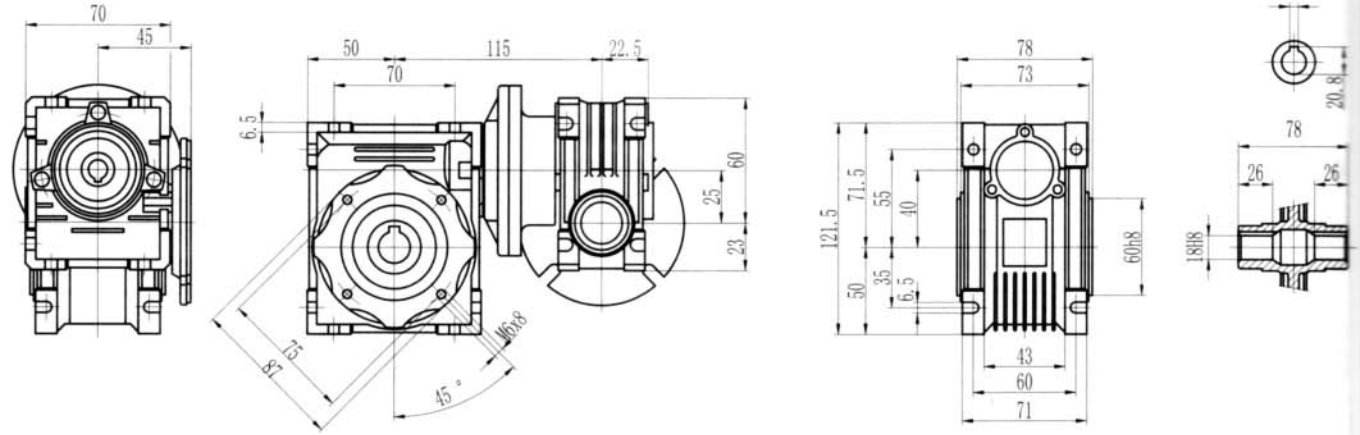
	i	n2	kW1	M2 (Nm)	i1	i2
NRV 040/090	300	4.7	0.56	610	7.5	40
	400	3.5	0.43	610	10	40
	500	2.8	0.34	560	10	50
	600	2.3	0.3	610	15	40
	750	1.9	0.23	560	15	50
	900	1.6	0.19	505	15	60
	1200	1.2	0.17	610	30	40
	1500	0.93	0.14	560	30	50
	1800	0.78	0.11	505	30	60
	2400	0.58	0.11	610	60	40
	3000	0.47	0.08	560	60	50
	4000	0.35	0.08	460	50	80
	5000	0.28	0.06	410	50	100
NRV 050/110	300	4.7	0.95	1100	10	30
	400	3.5	0.69	1030	10	40
	500	2.8	0.56	1000	10	50
	600	2.3	0.48	1030	15	40
	750	1.9	0.43	1100	25	30
	900	1.6	0.38	1100	30	30
	1200	1.2	0.27	1030	30	40
	1500	0.93	0.28	1100	50	30
	1800	0.78	0.23	1100	60	30
	2400	0.58	0.17	1030	60	40
	3000	0.47	0.14	1000	60	50
	4000	0.35	0.12	780	50	80
	5000	0.28	0.09	710	50	100
NRV 063/130	300	4.7	1.48	1760	10	30
	400	3.5	1.09	1650	10	40
	500	2.8	0.86	1550	10	50
	600	2.3	0.76	1650	15	40
	750	1.9	0.66	1760	25	30
	900	1.6	0.58	1760	30	30
	1200	1.2	0.43	1650	30	40
	1500	0.93	0.39	1760	50	30
	1800	0.78	0.35	1760	60	30
	2400	0.58	0.25	1650	60	40
	3000	0.47	0.2	1550	60	50
	4000	0.35	0.15	1220	50	80
	5000	0.28	0.11	1100	50	100

NMRV-NMRV外形尺寸　Dimensions

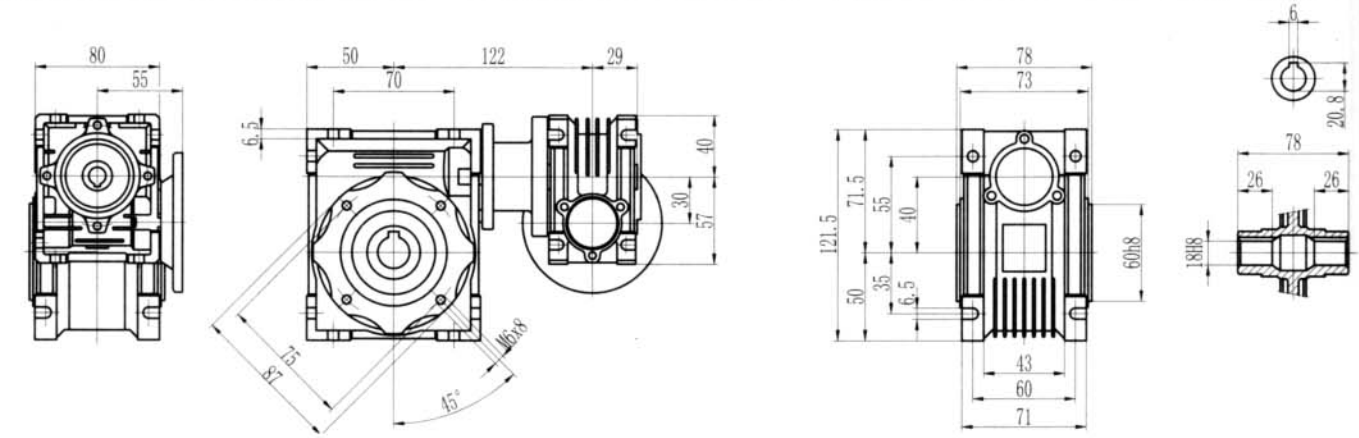
NMRV 025 - NMRV 030



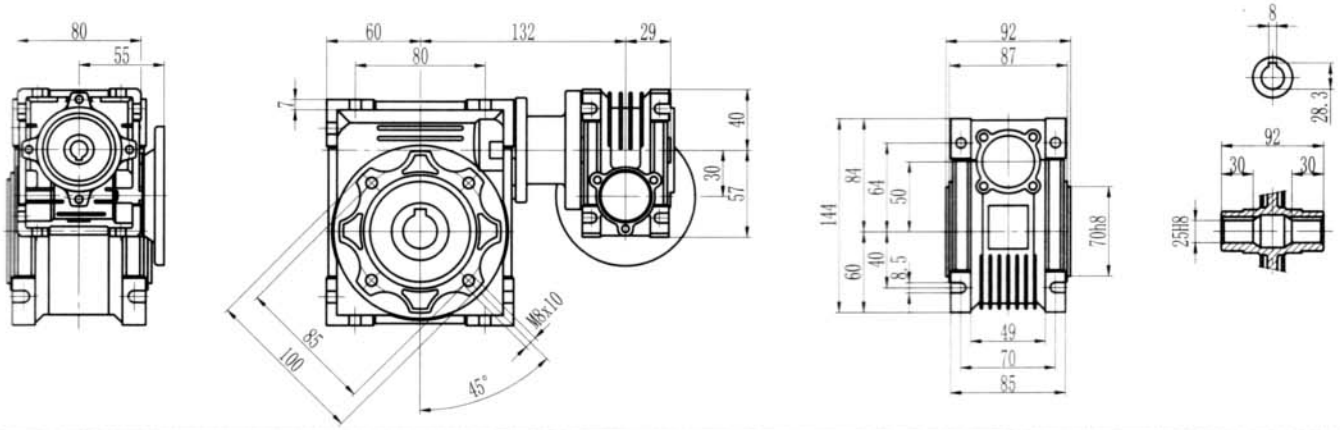
NMRV 025 - NMRV 040



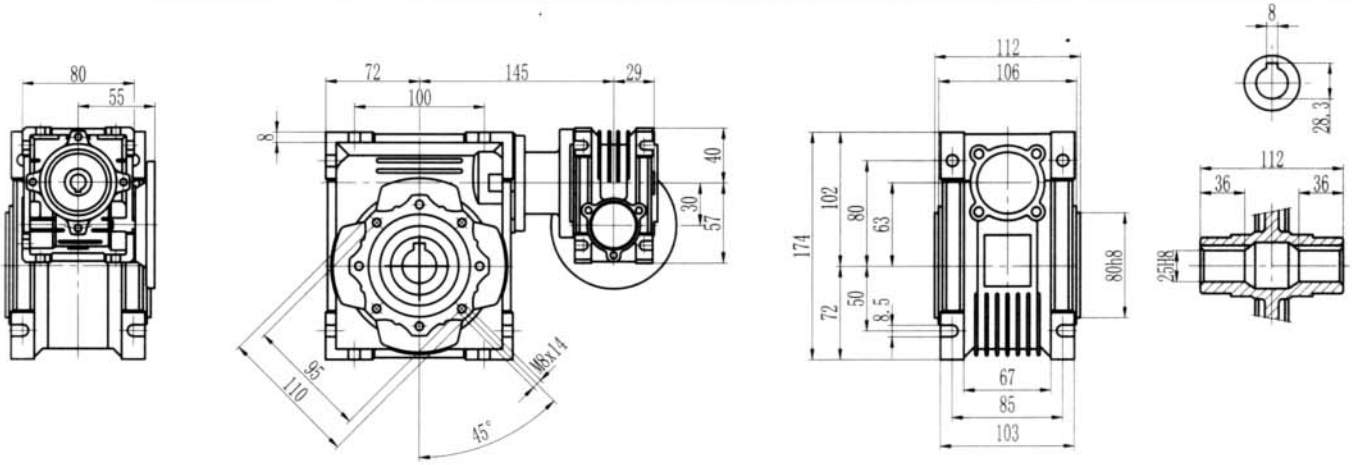
NMRV 030 - NMRV 040



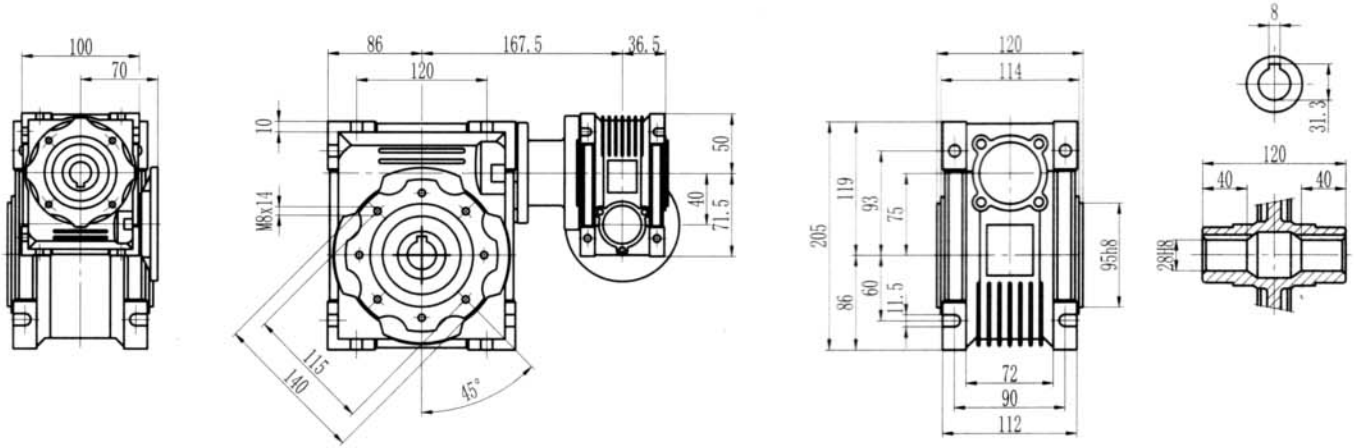
NMRV 030 - NMRV 050



NMRV 030 - NMRV 063

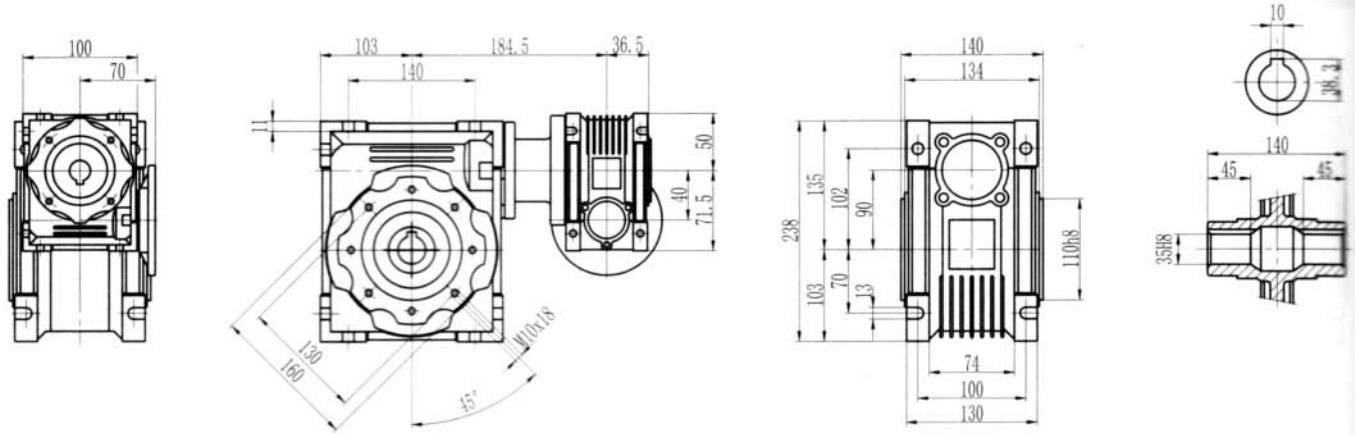


NMRV 040 - NMRV 075

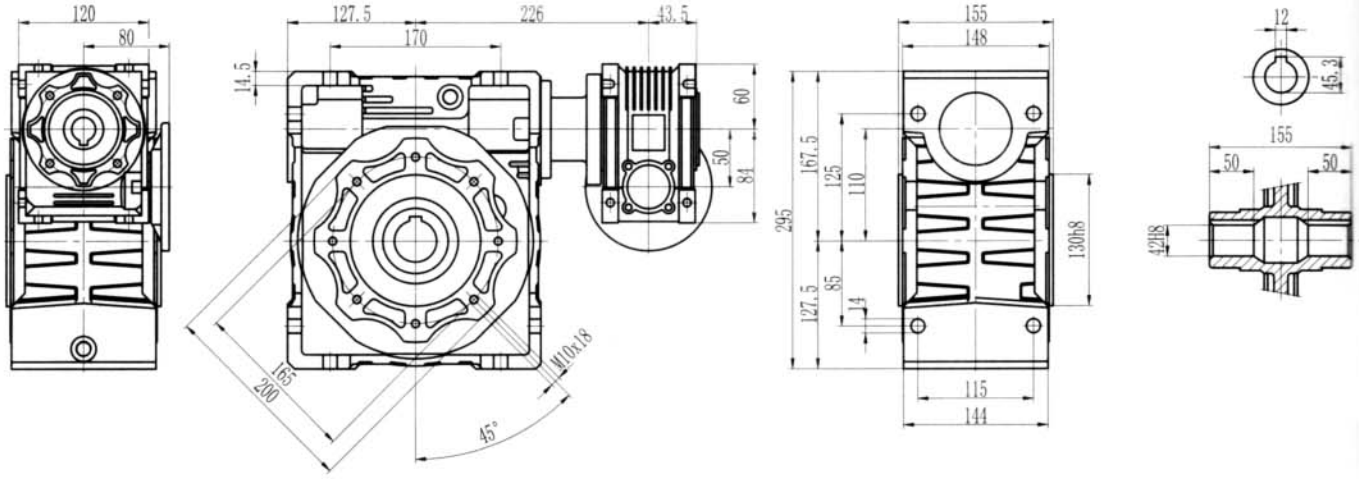


NMRV-NMRV外形尺寸 Dimensions

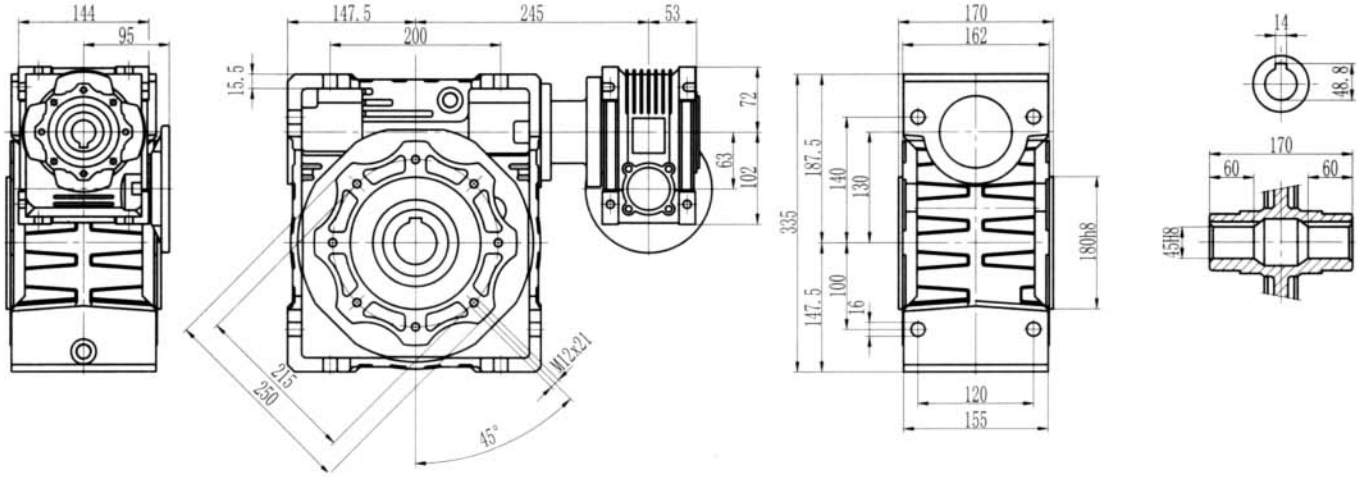
NMRV 040 - NMRV 090



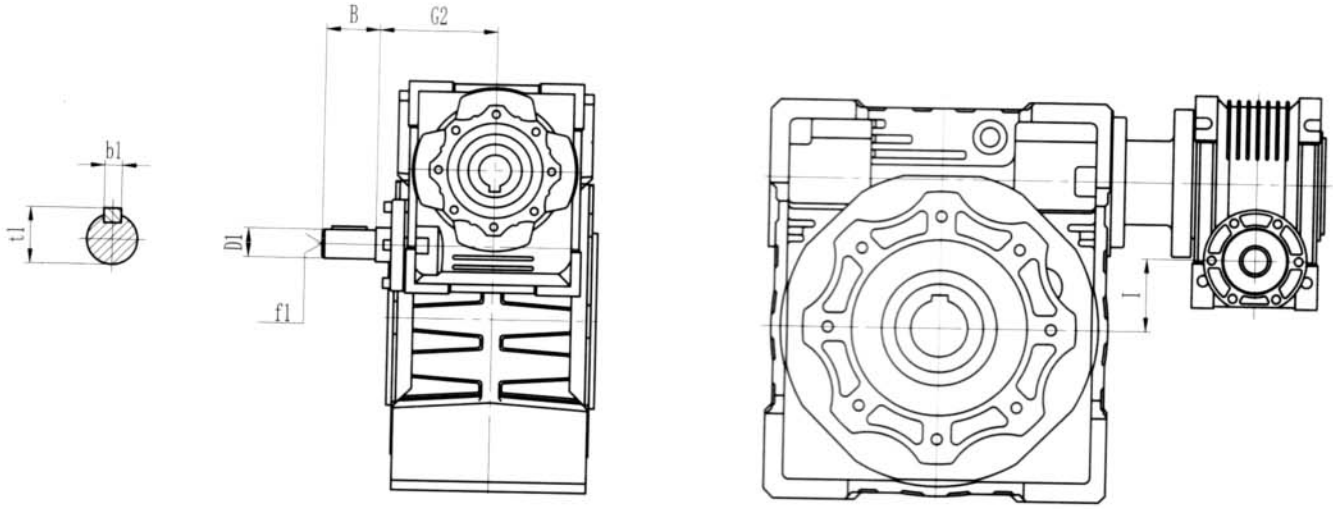
NMRV 050 - NMRV 110



NMRV 063 - NMRV 130



NRV-NMRV外形尺寸　Dimensions



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

UDL型号标记　Model & marker

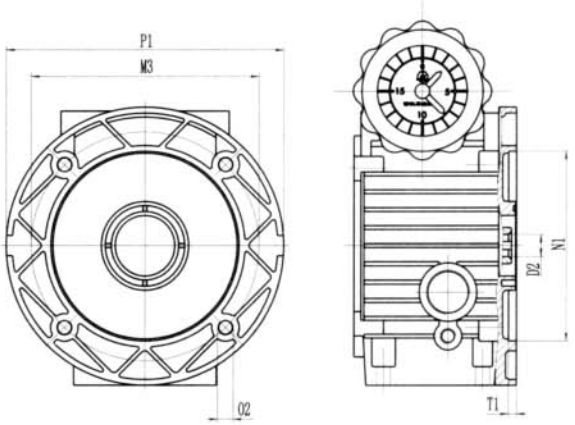
UDL 0.37 - B3

- 安装方位代号 Installation direction & position code
- 配用电机功率 Motor power
- 行星锥盘无级变速器代号 planetary cone & disk step-less speed *variator*

UDL特性表　Performance

n1	电机功率	机座号	n2 max	n2 min	M2 min	M2 max	滑差率 %	温升< ° C
1400	0.18KW/4P	UDL002	880	170	1.5	3	3-3.8	46
	0.25KW/4P	UDL005	1000	170	2	6	3-8.8	46
	0.37KW/4P	UDL005	1000	170	3	6	3-8.8	46
	0.55KW/4P	UDL010	1000	170	4.4	12	3-8.8	46
	0.75KW/4P	UDL010	1000	170	6	12	3-8.8	46
	1.1KW/4P	UD020	950	165	9	18	3-8.8	46
	1.5KW/4P	UD020	950	165	12	24	3-8.8	46
	2.2KW/4P	UD030	1000	200	18	36	3-8.8	46
	3KW/4P	UD030/050	1000	200	24	48	3-8.8	46
	4KW/4P	UD050	1000	200	32	64	3-8.8	46
	5.5KW/4P	UD100	1000	200	45	90	3-8.8	50
	7.5KW/4P	UD100	1000	200	59	118	3-8.8	50

电机接口　Motor hicky



	PAM / IEC	P1	N1(H8)	M3	O2	D2(F7)	T1
UDL0.18	63B5	140	95	115	M8	11	5
UDL0.25/0.37	71B5	160	110	130	M8	14	5
UDL0.55	80B5	200	130	165	M10	19	6
UDL0.75	90B5	200	130	165	M10	24	6
UD1.1/1.5	90B5	200	130	165	M10	24	6
UD2.2	100B5	250	180	215	M12	28	6
UD3.0/4.0	100/112B5						
UD5.5	132B5	300	230	265	M12	38	6
UD7.5							