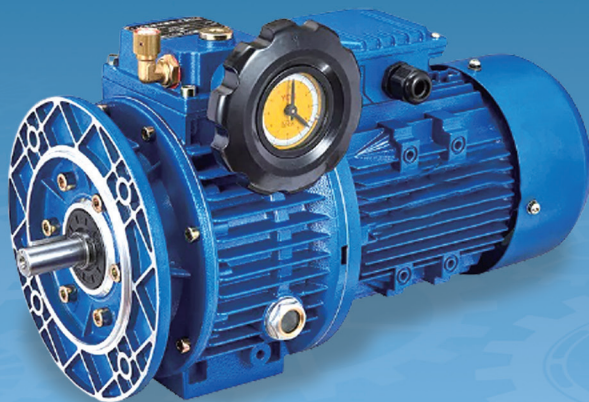
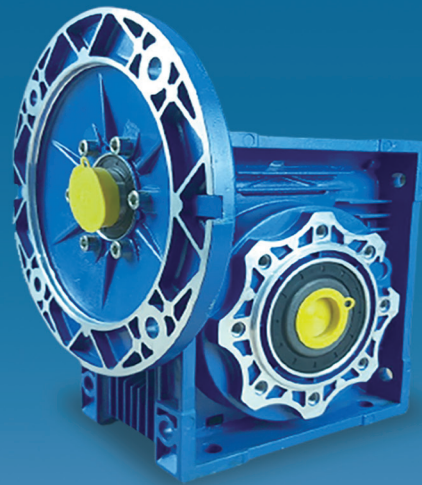
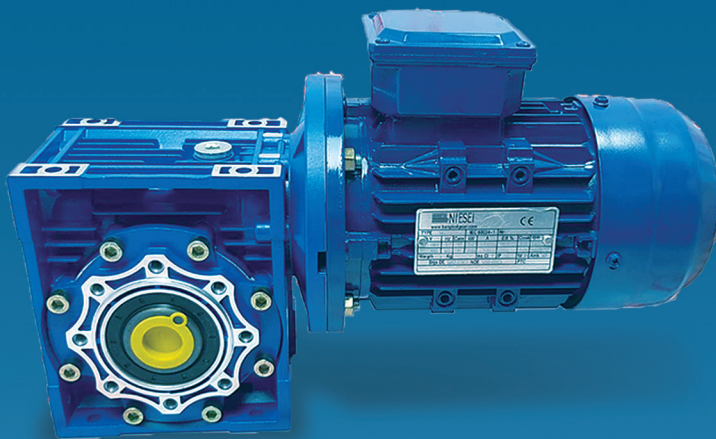
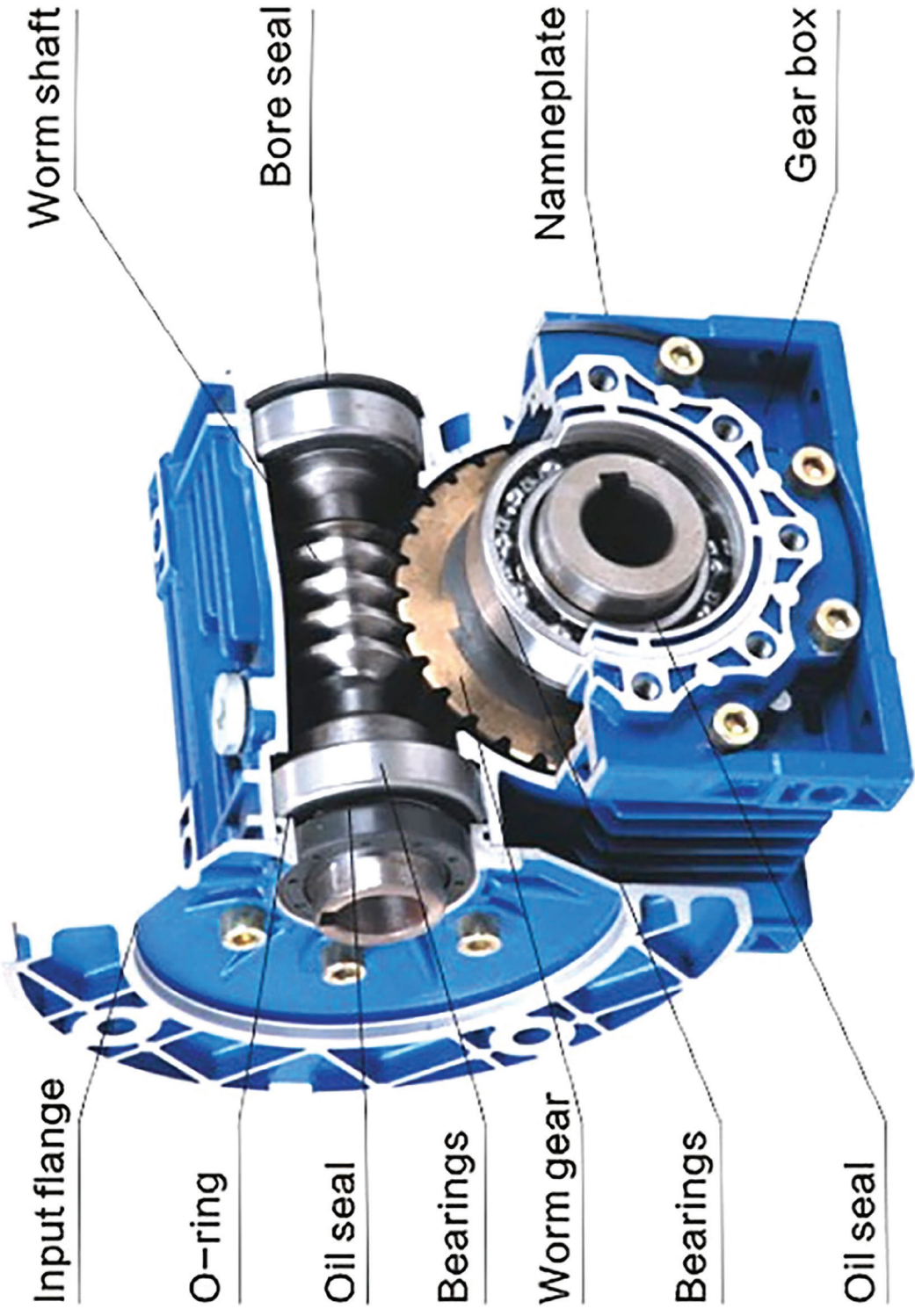




WORM GEAR REDUCER SPEED VARIATOR



NIESEI
TRANSMISSION



LUBRICATION

RM 111 ÷ 150		RM 025 ÷ 105 PC 063 ÷ 090
Mineral oil		Synthetic oil
(-5) ÷ (+40) ISO VG460	(-15) ÷ (+25) ISO VG220	(-25) ÷ (+50) ISO VG320
BLASIA 460	BLASIA 220	TELIUM VSF320
OMALA OIL460	OMALA OIL220	TIVELA OIL S320
SPARTAN EP460	SPARTAN EP220	S220
MOBILGEAR 634	MOBILGEAR 630	GLYGOYLE 30
ALPHA MAX 460	ALPHA MAX 220	ALPHASYN PG320
ENERGOL GR-XP460	ENERGOL GR-XP220	ENERGOL SG-XP320

RM	025	303	404	505	607	708	910	105	111	130	150
B3	0.02	0.04	0.08	0.15	0.3	0.55	1	1.6	3	4.5	7
B8									2.2	3.3	5.1
B6-B7									2.5	3.5	5.4
V5									3	4.5	7
V6									2.2	3.3	5.1

PC	063	071	080	090
B3 - B8	0.05	0.07	0.15	0.16
B6 - B7				
V5 - V6				

- Quantity of oil in litres ~

WORM GEAR REDUCERS RATING 1450 RPM

MODEL	i	n2	kw	M2	sf
RM 303	7.5	186.7	0.18	7	1.9
	10	140	0.18	9	1.5
	15	93.3	0.18	13	1.0
	20	70	0.18	17	0.8
	25	56	0.18	21	1.0
	30	46.7	0.18	24	0.8
	40	35	0.12	19	0.9
	50	28	0.12	23	0.8
	60	23.3	0.09	19	0.9
80	17.5	0.06	14	0.9	

MODEL	i	n2	kw	M2	sf
RM 404	7.5	186.7	0.37	16	1.6
	10	140	0.37	27	1.3
	15	93.3	0.37	28	0.9
	20	70	0.37	39	1.0
	25	56	0.37	47	0.8
	30	46.7	0.37	53	0.8
	40	35	0.25	44	0.9
	50	28	0.22	47	0.8
	60	17.5	0.18	43	0.8
	80	17.5	0.12	34	1.0
100	14	0.12	38	0.8	

MODEL	i	n2	kw	M2	sf
RM 505	7.5	186.7	0.75	33	1.7
	10	140	0.75	42	1.3
	15	93.3	0.75	58	1.0
	20	70	0.75	81	0.9
	25	56	0.55	71	1.0
	30	46.7	0.55	81	1.0
	40	35	0.55	101	0.8
	50	28	0.37	80	0.9
	60	23.3	0.37	89	0.8
	80	17.5	0.25	72	0.9
100	14	0.18	60	0.9	

MODEL	i	n2	kw	M2	sf
RM 607	7.5	186.7	1.5	68	1.5
	10	140	1.5	88	1.2
	15	93.3	1.5	126	0.9
	20	70	1.5	166	0.8
	25	56	1.1	146	0.9
	30	46.7	1.1	167	1.0
	40	35	1.1	207	0.7
	50	28	0.55	124	1.1
	60	23.3	0.55	140	0.9
	80	17.5	0.37	115	1.1
100	14	0.37	129	0.9	

MODEL	i	n2	kw	M2	sf
RM 708	7.5	186.7	4	182	1.0
	10	140	3	180	1.1
	15	93.3	3	261	0.8
	20	70	2.2	240	0.8
	25	56	1.5	205	1.0
	30	46.7	2.2	337	0.7
	40	35	1.1	216	1.0
	50	28	1.1	264	0.8
	60	23.3	1.1	279	0.7
	80	17.5	0.55	180	1.0
100	14	0.55	206	0.9	

MODEL	i	n2	kw	M2	sf
RM 910	7.5	186.7	4	180	1.3
	10	140	4	296	1.1
	15	93.3	4	342	0.9
	20	70	4	458	0.8
	25	56	3	420	0.8
	30	46.7	3	479	0.9
	40	35	2.2	433	0.8
	50	28	2.2	492	0.6
	60	23.3	1.5	424	0.8
	80	17.5	1.1	365	0.8
100	14	0.75	302	0.9	

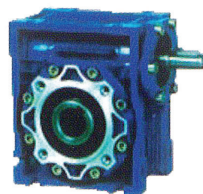
MODEL	i	n2	kw	M2	sf
RM 111	7.5	186.7	7.5	345	1.4
	10	140	7.5	455	1.1
	15	93.3	5.5	484	1.2
	20	70	5.5	638	0.8
	25	56	5.5	790	0.8
	30	46.7	4	647	0.9
	40	35	3	638	0.9
	50	28	3	767	0.8
	60	23.3	2.2	648	0.8
	80	17.5	1.5	548	0.8
100	14	1.1	473	0.9	

MODEL	i	n2	kw	M2	sf
RM 130	7.5	186.7	7.5	343	1.8
	10	140	7.5	453	1.5
	15	93.3	7.5	664	1.1
	20	70	7.5	864	0.8
	25	56	7.5	1074	0.8
	30	46.7	5.5	900	1.1
	40	35	5.5	1171	0.9
	50	28	5.5	1379	0.7
	60	23.3	4	1179	0.8
	80	17.5	2.2	816	1.0
100	14	2.2	966	0.8	

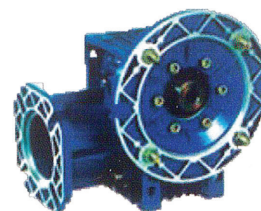
MODEL	Unit
i	= Reduction Ratio
n2	= Output Speed rpm
M2	= Output Torque mm
sf	= Service Factor
kw	= Input Power



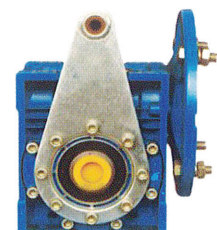
MODEL : RM



MODEL : RMV



MODEL : RM-F



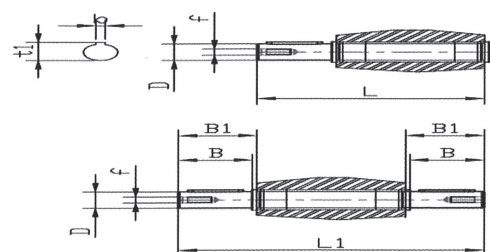
MODEL : RM-T

Input flange and hollow input shaft

MODEL	PAM IEC	N	M	P	7.5	10	15	20	25	30	40	50	60	80	100
					D										
RM303	63B5	95	115	140	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	-
	56B14	50	65	80											
RM404	71B5	110	130	160	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
	63B14	60	75	90											
	56B5	80	100	120	-	-	-	-	-	-	-	9	9	9	9
RM505	80B5	130	165	200	19	19	19	19	19	19	-	-	-	-	-
	80B14	80	100	120											
	71B5	110	130	160	14	14	14	14	14	14	14	14	14	14	-
	71B14	70	85	105											
	63B5	95	115	140	-	-	-	-	-	-	11	11	11	11	11
RM607	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											
	100/112B5	180	215	250	28	28	28	-	-	-	-	-	-	-	-
RM708	100/112B14	110	130	160											
	90B5	130	165	200	24	24	24	24	24	24	24	-	-	-	-
	90B14	95	115	140											
	80B5	130	165	200	-	-	-	19	19	19	19	19	19	19	19
	80B14	80	100	120											
	71B5	110	130	160	-	-	-	-	-	-	-	14	14	14	14
	100/112B5	180	215	250	28	28	28	28	28	28	-	-	-	-	-
RM910	100/112B14	110	130	160											
	90B5	130	165	200	24	24	24	24	24	24	24	24	24	-	-
	90B14	95	115	140											
	80B5	130	165	200	-	-	-	-	-	-	19	19	19	19	19
	80B14	80	100	120											
	132B5	230	265	300	38	38	38	38	-	-	-	-	-	-	-
RM111	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
	132B5	230	265	300	38	38	38	38	38	38	38	-	-	-	-
RM130	100/112B5	180	215	250	-	-	-	-	-	28	28	28	28	28	28
	90B5	130	165	200	-	-	-	-	-	-	-	-	-	24	24

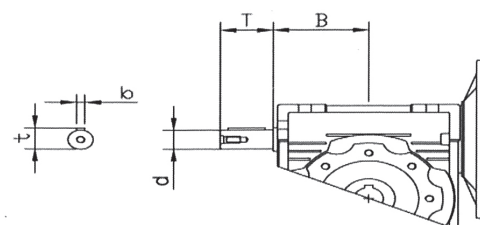
Single & double output shaft

	D (h6)	B	B1	L	L1	f	b	t1
303	14	30	32.5	102	128	M6	5	16
404	18	40	43	128	164	M6	6	20.5
505	25	50	53.5	153	199	M10	8	28
607	25	50	53.5	173	219	M10	8	28
708	28	60	63.5	192	247	M10	8	31
910	35	80	84.5	234	309	M12	10	38
111	42	80	84.5	249	324	M16	12	45
130	45	80	85	265	340	M16	14	48.5

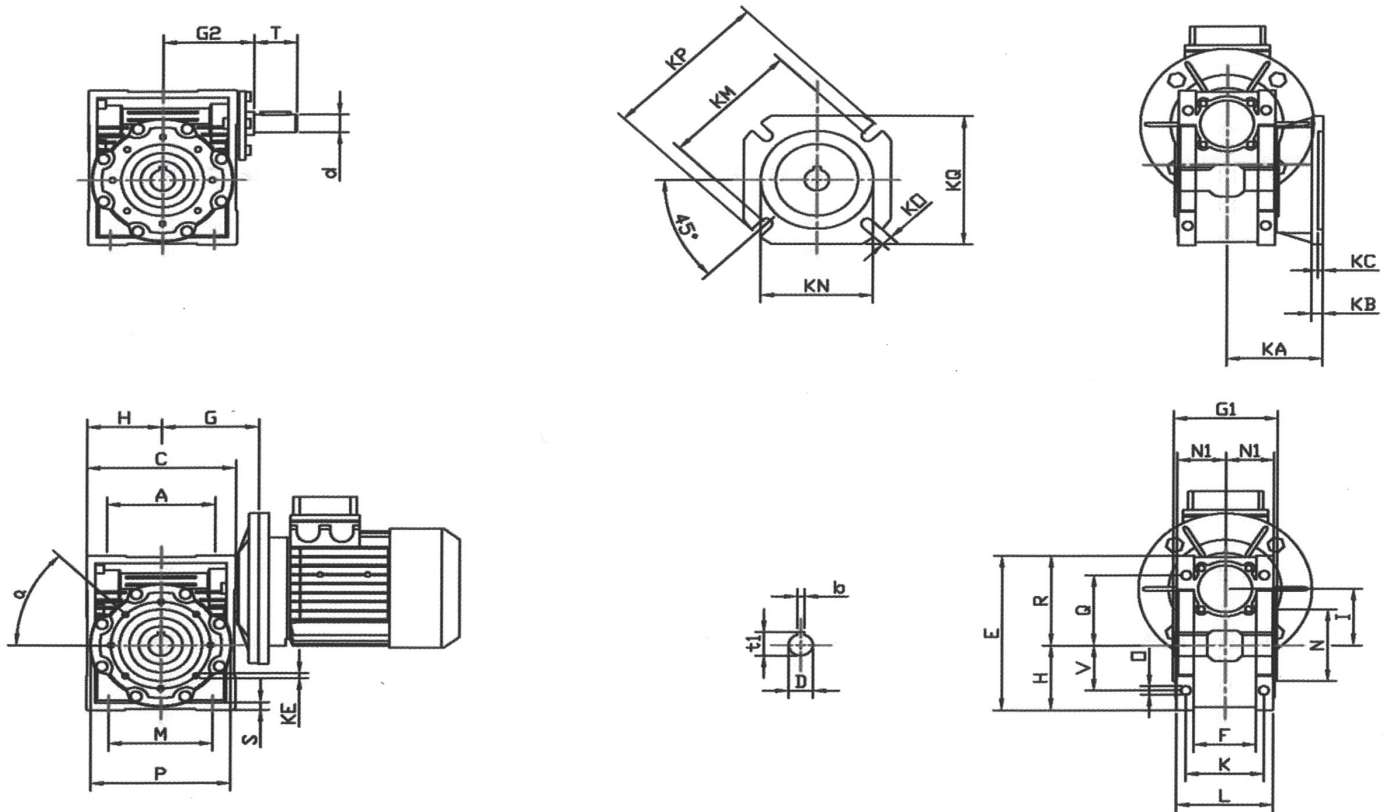


Extension input shaft

	B	D(j6)	T	b	t
303	45	9	20	3	10.2
404	53	11	23	4	12.5
505	64	14	30	5	16
607	75	19	40	6	21.5
708	90	24	50	8	27
910	108	24	50	8	27
111	135	28	60	8	31
130	155	30	80	8	33

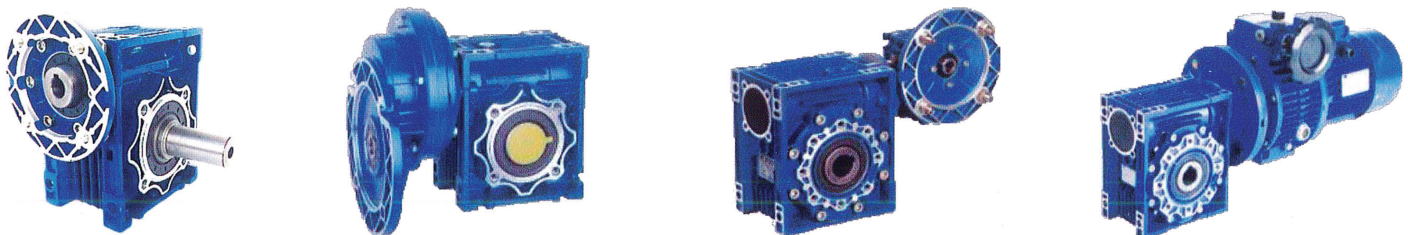


DIMENSIONS



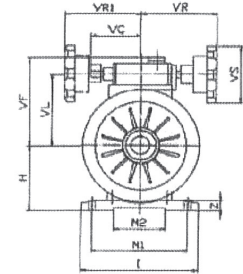
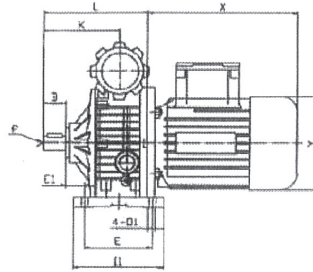
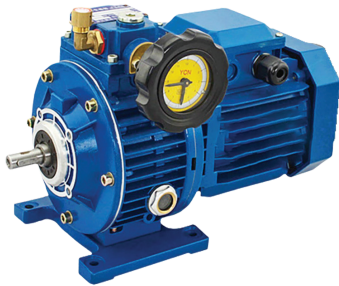
MODEL	Dimensions																		
	A	C	D(H7)	E	F	G	H	I	L	M	N(h8)	O	P	Q	R	S	T	V	K
303	54	80	14	97	32	55	40	30	56	65	55	6.5	75	44	57	5.5	20	27	44
404	70	101	18	121.5	43	70	50	40	71	75	60	6.5	87	55	71.5	6.5	23	35	60
505	80	121.5	25	145	49	80	60	50	85	85	70	8.5	100	64	84	7	30	40	70
607	100	147.5	25	174	67	95	72	63	103	95	80	8.5	110	80	102	8	40	50	85
708	120	174	28	205	72	112.5	86	75	113	115	95	11	140	93	119	10	50	60	90
910	140	208	35	238	72	130	103	90	130	130	110	13	160	102	135	11	50	70	100
111	170	252.5	42	294	-	160	127.5	110	142	165	130	14	200	125	167.5	15	60	85	115
130	200	292.5	45	335	-	180	147.5	130	155	215	180	16	250	140	187.5	15	80	100	120

MODEL	Dimensions															
	G1	G2	N1	KA	KB	KC	KE	α	KM	KN(H8)	KO	KP	KQ	d(j6)	b	t
303	63	51	29	54.5	6	4	M6x11(n4)	0°	68	50	6.5(4/90°)	80	70	9	5	16.3
404	78	60	36.5	67	7	4	M6x8(n4)	45°	87	60	9(4/90°)	110	95	11	6	20.8
505	92	74	43.5	90	9	5	M8x10(n4)	45°	90	70	11(4/90°)	125	110	14	8	28.3
607	112	90	53	82	10	6	M8x14(n8)	45°	150	115	11(4/90°)	180	142	19	8	28.3
708	120	105	57	111	13	6	M8x14(n8)	45°	165	130	14(4/90°)	200	170	24	8	31.3
910	140	125	67	111	13	6	M10x18(n8)	45°	175	152	14(4/90°)	210	200	24	10	38.3
111	155	142	74	139	15	6	M10x18(n8)	45°	220	170	14(8/90°)	270	250	28	12	45.3
130	170	162	81	151.5	15	6	M12x20(n8)	45°	255	180	16(8/90°)	320	290	30	14	48.8



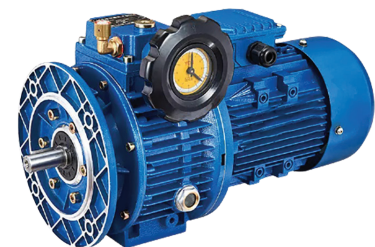
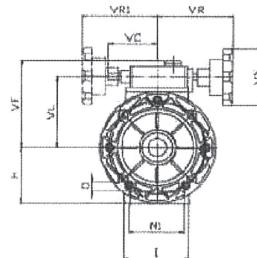
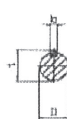
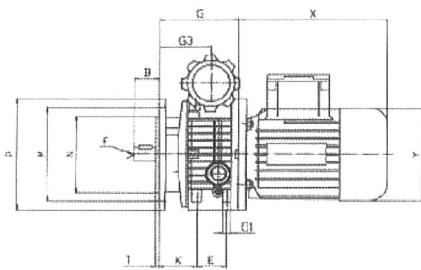
SPEED VARIATOR

MODEL : NVL (FOOT MOUNTED)



MODEL	B	D(j6)	E	E1	H	I	I1	K	L	M1	M2	01	VC	VF	VR	VR1	VS	b	f	t	x	Y	Z
NVL 002	23	11	105	17.5	80	145	120	87.5	135.5	110	71	9	71	111	110	110	85	4	-	12.5	200	120	10
NVL 005	30	14	104	20	93	149	125	104	140	120	96	9	71	123	110	110	85	5	M6	16	227	141	10
NVL 010	40	19	125	26	113	190	150	125.5	179	160	135	11	79	140	120	120	110	6	M6	21.5	268	160	15
NVL 015	40	24	105	34.5	100	207	130	136	187	160	115	13	-	124	150	-	110	8	M8	27	290	195	15
NVL 020	50	24	115	53.5	123	241	150	165	238	190	143	13	-	144	150	-	110	8	M8	27	290	195	18
NVL 030	60	28	230	25	150	300	270	191	268	245	190	14	-	188	160	-	110	8	M8	31	320	215	25
NVL 040	60	28	230	25	150	300	270	191	268	245	190	14	-	188	160	-	110	8	M8	31	320	215	25
NVL 050	60	28	230	25	150	300	270	191	268	245	190	14	-	188	160	-	110	8	M8	31	340	240	25
NVL 075	70	38	250	33	200	365	290	201	319	315	245	18	-	-	194	-	110	10	M10	41	395	275	30
NVL 100	70	38	250	33	200	365	290	201	319	315	245	18	-	-	194	-	110	10	M10	41	395	275	30

MODEL : NVF (FLANG MOUNTED)



MODEL	B	D(j6)	E	G	G3	H	I	M	M1	N	D	D1	P	T	K	VC	VF	VL	VR	VR1	VS	b	f	t	X	Y
NVF 002	23	11	50	112.5	64.5	70	72	115	60	95	9	M6	140	3.5	46	71	111	78	110	110	85	4	-	12.5	200	120
NVF 005	30	14	40	110	74	80	90	130	77	110	9	M8	160	3.5	53	71	123	90	110	110	85	5	M6	16	227	141
NVF 010	40	19	58	139	85.8	100	98	165	84	130	11	M8	200	3.5	60	79	140	107	120	120	110	6	M6	21.5	268	160
NVF 015	50	24	-	188	115	126	241	165	-	130	11	-	200	3.5	-	-	144	122	150	-	110	8	M8	27	290	195
NVF 020	50	24	-	188	115	126	241	165	-	130	11	-	200	3.5	-	-	144	122	150	-	110	8	M8	27	290	195
NVF 030	60	28	-	208	131	100	270	215	-	180	15	-	250	4	-	-	188	150	160	-	110	8	M8	31	320	215
NVF 040	60	28	-	208	131	150	270	215	-	180	15	-	250	4	-	-	188	150	160	-	110	8	M8	33	320	215
NVF 050	60	28	-	208	131	142	270	215	-	180	15	-	250	4	-	-	188	150	160	-	110	8	M8	31	340	240
NVF 075	70	38	-	244	131	132	-	265	-	230	19	-	300	5	-	-	-	192	194	-	110	10	M10	41	395	275
NVF 100	70	38	-	244	131	200	-	265	-	230	19	-	300	5	-	-	-	192	194	-	110	10	M10	41	435	275



บริษัท กรุงเทพเกียร์ รุ่งเรืองแมคคาณิก จำกัด

ที่อยู่สำนักงานใหญ่ : 333/224 ซ.เพชรเกษม 110 ด.เพชรเกษม
แขวงหนองค้างพลู เขตหนองแขม กทม. 10160

ที่อยู่โรงงาน : 9/98 ม.3 ต.ดอนไก่ดี อ.กระทุ่มแบน จ.สมุทรสาคร 74110

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