

PRODUCTS CHARACTERISTICS

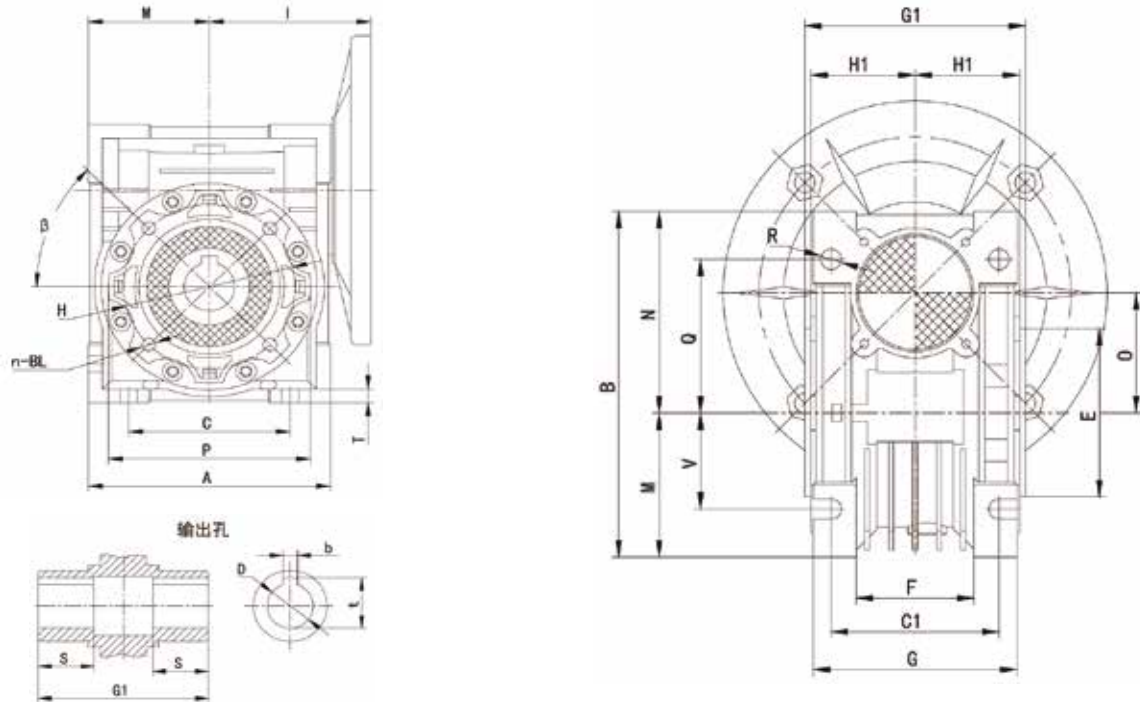
NMRV series worm gear units is a new-generation of product developed by our company on the basis of perfecting WJ series products with a compromise of advanced technology both at home and abroad. Its main features are as follows;

- · Made of high-quality aluminum alloy, light weight and non-rusting.
- · Large output torque.
- · Smooth in running and low in noise, can work long time in dreadful conditions.
- · High in radiating efficiency.
- · Good-looking in appearance, durable in service life and small in volume.
- · Suitable for omnibearing installation.

RV PRODUCT INTRODUCTION





RV SIZE





RV	A	B	C	C1	D(HB)	E(h8)	F	G	G1	H	H1	I	M	N	O	P	Q	R	S	T	BL	β	b	t	V
030	80	97	54	44	14	55	32	56	63	65	29	55	40	57	30	75	44	6.5	21	5.5	M6X10 (n=4)	0°	5	16.3	27
040	100	121.5	70	60	18(19)	60	43	71	78	75	36.5	70	50	71.5	40	87	55	6.5	26	6.5	M6X10 (n=4)	45°	6	20.8(21.8)	35
050	120	144	80	70	25(24)	70	49	85	92	85	43.5	80	60	84	50	100	64	8.5	30	7	M8X12 (n=4)	45°	8	28.3(27.3)	40
063	144	174	100	85	25(28)	80	67	103	112	95	53	95	72	102	63	110	80	8.5	36	8	M8X12 (n=8)	45°	8	28.3(31.3)	50
075	172	205	120	90	28(35)	95	72	112	120	115	57	112.5	86	119	75	140	93	11	40	10	M8X14 (n=8)	45°	8(10)	31.3(38.3)	60
090	206	238	140	100	35(38)	110	74	130	140	130	67	129.5	103	135	90	160	102	13	45	11	M10X16 (n=8)	45°	10	38.3(41.3)	70
110	255	295	170	115	42	130	-	144	155	165	74	160	127.5	167.5	110	200	125	14	50	14	M10X18 (n=8)	45°	12	45.3	85
130	293	335	200	120	45	180	-	155	170	215	81	179	146.5	187.5	130	250	140	16	60	15	M12X20 (n=8)	45°	14	48.8	100
150	340	400	240	145	50	180	-	185	200	215	96	210	170	230	150	250	180	18	72.5	18	M12X22 (n=8)	45°	14	53.8	120



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{15} (kw)	n_2 (r/min)	i	M_{25} (Nm)	F_{27} (N)	f_s		
0.06	280	5	1.8	439	6.2	NMRV025 56B14	5614
	186.7	7.5	2.6	503	4.2		
	140	10	3.4	553	3.5		
	93.3	15	4.9	633	2.5		
	70	20	6.2	697	1.9		
	46.7	30	8.3	798	1.6		
	35	40	10	878	1.2		
	28	50	12	946	0.9		
	23.3	60	14	1006	0.7		
	186.7	7.5	2.6	683	7.0	NMRV030 56B5/B14	5614
	140	10	3.4	752	5.4		
	93.3	15	4.7	861	3.9		
	70	20	6	948	3.1		
	56	25	7	1021	3.1		
	46.7	30	8	1085	2.5		
	35	40	9.7	1194	1.9		
	28	50	11	1286	1.5		
	23.3	60	13	1367	1.3		
17.5	80	14	1504	0.9			
0.09	373.3	7.5	2.0	399	3.9	NMRV025 56B14	5612
	280	10	2.6	439	3.4		
	186.7	15	3.8	503	2.4		
	140	20	4.9	553	1.8		
	93.3	30	6.7	633	1.3		
	70	40	8.5	697	1.1		
	56	50	10	751	0.9	NMRV025 56B14	5624
	186.7	7.5	3.9	503	2.8		
	140	10	5.1	553	2.4		
	93.3	15	7.3	633	1.6		
	70	20	9.3	697	1.3		
	46.7	30	13	798	1.0		
	35	40	16	878	0.8	NMRV030 56B5/B14	5612
	373.3	7.5	2.0	542	6.5		
	280	10	2.6	597	5.0		
	186.7	15	3.7	683	3.5		
	140	20	4.7	752	2.5		
	112	25	5.5	810	2.9		
	93.3	30	6.4	861	2.3		
	70	40	8.0	948	1.8		
	56	50	9.4	1021	1.4		
	46.7	60	10	1085	1.1		
	35	80	13	1194	0.9		




GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_1 (r/min)	i	M_{in} (Nm)	F_r (N)	f_s			
0.09	186.7	7.5	3.9	683	4.7	NMRV030 56B5/B14	5624	
	140	10	5.0	752	3.6			
	93.3	15	7.0	861	2.6			
	70	20	8.8	948	2.0			
	56	25	10	1021	2.1			
	46.7	30	12	1085	1.7			
	35	40	14	1194	1.2			
	28	50	17	1286	1.0			
	23.3	60	18	1367	0.9			
	28	50	19	2475	2.1			
	23.3	60	21	2630	1.7			
	17.5	80	25	2895	1.3			
14	100	29	3118	1.0	NMRV040 56B5	5624		
0.12	373.3	7.5	2.7	399	3.0	NMRV025 56B14	5622	
	280	10	3.5	439	2.6			
	186.7	15	5.1	503	1.8			
	140	20	6.5	553	1.4			
	93.3	30	9.0	633	1.0			
	70	40	11	697	0.8			
	186.7	7.5	5.2	683	3.5	NMRV030 63B5/B14	6314	
	140	10	6.6	752	2.7			
	93.3	15	9.3	861	1.9			
	70	20	12	948	1.5			
	56	25	14	1021	1.6			
	46.7	30	16	1085	1.3			
	35	40	19	1194	0.9			
	28	50	22	1286	0.8			
	46.7	30	17	2087	2.7			
	35	40	21	2298	1.9			
	28	50	25	2475	1.6			
	23.3	60	28	2630	1.3			
	17.5	80	33	2895	1.0			
	14	100	38	3118	0.8	NMRV040 63B5/B14	6314	
	23.3	60	29	3610	2.3			
	17.5	80	35	3973	1.9			
	14	100	39	4280	1.4			
	373.3	7.5	4.0	542	3.2			NMRV030 63B5/B14
280	10	5.2	597	2.5				
186.7	15	7.4	683	1.8				
140	20	9.5	752	1.3				
112	25	11	810	1.4				
93.3	30	13	861	1.2				
70	40	16	948	0.9				
186.7	7.5	7.7	683	2.3				
140	10	10	752	1.8				
93.3	15	14	861	1.3				
70	20	18	948	1.0				
56	25	20	1021	1.0				
46.7	30	24	1085	0.8	NMRV030 63B5/B14	6324		



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{in} (Nm)	F_{ip} (N)	f_s				
0.18	93.3	30	14	1657	2.5	NMRV040 63B5/B14	6312		
	70	40	17	1824	1.8				
	56	50	21	1964	1.4				
	70	20	19	1824	2.1				
	56	25	23	1964	1.7				
	46.7	30	25	2087	1.8			NMRV040 63B5/B14	6324
	35	40	32	2298	1.3				
	28	50	37	2475	1.0				
	23.3	60	42	2630	0.9				
	45	20	28	2113	1.6				
	36	25	34	2276	1.3	NMRV040 71B5/B14	7116		
	30	30	38	2419	1.3				
	22.5	40	47	2662	1.0				
	46.7	60	24	2865	2.1				
	35	80	30	3153	1.5			NMRV050 63B5	6312
	28	100	34	3397	1.2				
	35	40	33	3153	2.3				
	28	50	39	3397	1.9				
	23.3	60	43	3610	1.6	NMRV050 63B5	6324		
	17.5	80	52	3973	1.2				
	14	100	59	4280	0.9				
	18	50	56	3936	1.4			NMRV050 71B5/B14	7116
	15	60	63	4183	1.1				
	11.3	80	75	4604	0.9				
15	60	66	5467	2.1	NMRV063 71B5/B14	7116			
11.3	80	79	6018	1.6					
9	100	90	6270	1.4					
0.25	373.3	7.5	5.6	542			2.3	NMRV030 63B5/B14	6322
	280	10	7.2	597			1.8		
	186.7	15	10	683			1.3		
	140	20	13	752	0.9				
	112	25	15	810	1.0				
	93.3	30	18	861	0.8	NMRV040 71B5/B14	7114		
	186.7	7.5	11	1315	3.6				
	140	10	14	1447	2.8				
	93.3	15	20	1657	2.0				
	70	20	26	1824	1.5				
	56	25	32	1964	1.2			NMRV040 71B5/B14	7126
	46.7	30	35	2087	1.3				
	35	40	44	2298	0.9				
	120	7.5	17	1524	2.6				
	90	10	22	1677	2.0				
	60	15	31	1920	1.4				
	45	20	39	2113	1.1	NMRV040 71B5/B14	7126		
	36	25	48	2276	0.9				
	30	30	53	2419	0.9				



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{2e} (Nm)	F_{12} (N)	f_s			
0.25	35	80	42	3153	1.1	NMRV050	63B5/B14	6322
	28	100	48	3397	0.8			
	70	20	27	2503	2.7			
	56	25	32	2696	2.2			
	46.7	30	36	2865	2.3	NMRV050	71B5/B14	7114
	35	40	46	3153	1.7			
	28	50	54	3397	1.4			
	23.3	60	60	3610	1.1			
	17.5	80	72	3973	0.9	NMRV050	71B5/B14	7126
	45	20	40	2900	1.9			
	36	25	48	3124	1.5			
	30	30	54	3320	1.7			
	22.5	40	67	3654	1.2	NMRV063	71B5/B14	7114
	18	50	78	3936	1.0			
	15	60	88	4183	0.8			
	28	50	55	4440	2.4			
	23.3	60	63	4719	2.0	NMRV063	71B5/B14	7126
	17.5	80	76	5193	1.6			
	14	100	87	5595	1.4			
	18	50	81	5145	1.8			
15	60	92	5467	1.5	NMRV075	71B5	7114	
11.3	80	110	6018	1.2				
9	100	125	6270	1.0				
17.5	80	80	6130	2.4				
14	100	94	6603	1.9	NMRV075	71B5	7126	
11.3	80	117	7103	1.7				
9	100	133	7380	1.4				
373.3	7.5	8.3	1044	3.4				NMRV040
280	10	11	1149	2.6				
186.7	15	16	1315	1.9				
140	20	20	1447	1.4				
112	25	25	1559	1.1	NMRV040	71B5/B14	7124	
186.7	7.5	16	1315	2.5				
140	10	21	1447	1.9				
93.3	15	30	1657	1.3				
70	20	39	1824	1.0	NMRV050	71B5/B14	7112	
56	25	47	1964	0.8				
46.7	30	52	2087	0.9				
112	25	25	2140	2.0				
93.3	30	29	2274	2.2	NMRV050	71B5/B14	7124	
70	40	37	2503	1.6				
56	50	44	2696	1.2				
46.7	60	50	2865	1.0				
35	80	62	3153	0.7	NMRV050	71B5/B14	7124	
140	10	21	1987	3.4				
93.3	15	31	2274	2.4				
70	20	39	2503	1.9				




GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{1a} (kw)	n_2 (r/min)	i	M_{2m} (Nm)	F_{10} (N)	f_s			
0.55	120	7.5	37	2091	2.3	NMRV050	80B5/B14	8026
	90	10	48	2302	1.7			
	60	15	69	2635	1.2			
	45	20	88	2900	0.9			
	70	40	56	3272	1.9	NMRV063	71B5/B14	7122
	56	50	68	3524	1.5			
	46.7	60	78	3745	1.2			
	35	80	96	4122	0.9			
	28	100	111	4440	0.7	NMRV063	80B5/B14	8014
	70	20	60	3272	2.2			
	56	25	72	3524	1.8			
	46.7	30	82	3745	1.9			
	35	40	104	4122	1.4	NMRV063	80B5/B14	8026
	28	50	122	4440	1.1			
	23.3	60	140	4719	0.9			
	60	15	70	3444	2.2			
	45	20	90	3791	1.6	NMRV075	71B5	7122
	36	25	108	4084	1.3			
	30	30	123	4339	1.4			
	22.5	40	152	4776	1.1			
	35	80	99	4865	1.3	NMRV075	80B5/B14	8014
	28	100	116	5241	1.0			
	35	40	108	4865	2.0			
	28	50	128	5241	1.6			
	23.3	60	144	5569	1.4	NMRV075	80B5/B14	8026
	17.5	80	177	6130	1.1			
	14	100	206	6603	0.9			
	30	30	124	5122	2.1			
	22.5	40	156	5637	1.5	NMRV075	80B5/B14	8014
	18	50	184	6073	1.2			
	15	60	210	6453	1.0			
	17.5	80	189	6783	1.5			
14	100	221	7306	1.2	NMRV090	80B5/B14	8026	
18	50	196	6719	2.0				
15	60	224	7140	1.6				
11.3	80	275	7859	1.1				
9	100	315	8180	0.9	NMRV090	80B5/B14	8014	
17.5	80	201	8571	2.6				
14	100	236	9232	2.0				
11.3	80	294	9931	1.9				
9	100	344	10320	1.5	NMRV110	80B5	8026	



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{25} (Nm)	F_{12} (N)	f_s		
0.37	56	25	47	2696	1.5	NMRV050 71B5/B14	7124
	46.7	30	54	2865	1.6		
	35	40	68	3153	1.1		
	28	50	80	3397	0.9		
	23.3	60	89	3610	0.8		
	120	7.5	25	2091	3.4	NMRV050 80B5/B14	8016
	90	10	33	2302	2.6		
	60	15	47	2635	1.8		
	45	20	59	2900	1.3		
	36	25	72	3124	1.0		
	30	30	80	3320	1.1	NMRV063 71B5/B14	7124
	35	40	70	4122	2.1		
	28	50	82	4440	1.6		
	23.3	60	94	4719	1.4		
	17.5	80	113	5193	1.1		
	14	100	129	5595	0.9	NMRV063 80B5/B14	8016
	45	20	60	3791	2.4		
	36	25	73	4084	1.9		
	30	30	82	4339	2.1		
	22.5	40	102	4776	1.6		
18	50	120	5145	1.2	NMRV075 71B5	7124	
15	60	137	5467	1.0			
23.3	60	97	5569	2.1			
17.5	80	119	6130	1.6			
14	100	139	6603	1.3			
18	50	124	6073	1.8	NMRV075 80B5/B14	8016	
15	60	141	6453	1.5			
11.3	80	173	7103	1.2			
9	100	196	7380	1.0			
11.3	80	185	7859	1.7			
9	100	212	8180	1.3	NMRV090 80B5/B14	8016	
0.55	373.3	7.5	12	1044	2.3	NMRV040 71B5/B14	7122
	280	10	16	1149	1.8		
	186.7	15	24	1315	1.3		
	140	20	30	1447	1.0		
	112	25	37	1559	0.8		
	140	20	31	1987	1.7	NMRV050 71B5/B14	7122
	112	25	38	2140	1.4		
	93.3	30	43	2274	1.5		
	70	40	55	2503	1.1		
	56	50	65	2696	0.8		
	46.7	60	74	2865	0.7	NMRV050 80B5/B14	8014
	186.7	7.5	24	1805	2.9		
	140	10	32	1987	2.3		
	93.3	15	46	2274	1.6		
	70	20	59	2503	1.2		
	56	25	70	2696	1.0		
46.7	30	80	2865	1.1			



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{in} (Nm)	F_{in} (N)	f_s			
0.75	373.3	7.5	17	1433	3.0	NMRV050	80B5/B14	8012
	280	10	22	1577	2.4			
	186.7	15	31	1805	1.7			
	140	20	41	1987	1.3			
	112	25	49	2140	1.0			
	93.3	30	56	2274	1.1			
	280	5	23	1577	2.7	NMRV050	80B5/B14	8024
	186.7	7.5	33	1805	2.1			
	140	10	43	1987	1.7			
	93.3	15	62	2274	1.2			
	70	20	80	2503	0.9			
	140	20	43	2597	2.3			
	112	25	52	2797	1.8	NMRV063	80B5/B14	8012
	93.3	30	60	2973	2.0			
	70	40	77	3272	1.4			
	56	50	92	3524	1.1			
	46.7	60	106	3745	0.9			
	93.3	15	63	2973	2.2			
	70	20	82	3272	1.6	NMRV063	80B5/B14	8024
	56	25	98	3524	1.3			
	46.7	30	112	3745	1.4			
	35	40	141	4122	1.0			
	120	7.5	51	2734	2.9			
	90	10	67	3009	2.3			
	60	15	96	3444	1.6	NMRV063	90B5/B14	90S6
	45	20	123	3791	1.2			
	36	25	147	4084	0.9			
	30	30	167	4339	1.0			
	46.7	60	107	4421	1.3			
	35	80	135	4865	1.0			
28	100	159	5241	0.8	NMRV075	80B5/B14	8012	
56	25	101	4160	2.0				
46.7	30	117	4421	2.0				
35	40	147	4865	1.5				
28	50	174	5241	1.2				
23.3	60	196	5569	1.0				
60	15	97	4065	2.4	NMRV075	80B5/B14	8024	
45	20	124	4474	1.9				
36	25	149	4820	1.4				
30	30	170	5122	1.5				
22.5	40	213	5637	1.1				
35	80	143	5383	1.6				
28	100	169	5799	1.2	NMRV090	80B5/B14	8012	
28	50	182	5799	1.9				
23.3	60	209	6163	1.5				
17.5	80	258	6783	1.1				
14	100	302	7306	0.9				
14	100	302	7306	0.9				



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{2n} (Nm)	F_{t2} (N)	f_s			
0.75	30	30	179	5667	2.6	NMRV090	90B5B14	90S6
	22.5	40	226	6238	1.8			
	18	50	267	6719	1.5			
	15	60	306	7140	1.1			
	17.5	80	274	8571	1.9	NMRV110	80B5	8024
	14	100	322	9232	1.5			
	15	60	325	9023	2.1	NMRV110	90B5	90S6
	11.3	80	401	9931	1.4			
	9	100	470	10320	1.1			
	11.3	80	401	12989	2.1	NMRV130	90B5	90S6
9	100	470	13500	1.7				
1.1	373.3	7.5	25	1433	2.1	NMRV050	80B5/B14	8022
	280	10	33	1577	1.7			
	186.7	15	48	1805	1.2			
	140	20	62	1987	0.9			
	186.7	15	46	2359	2.1			
	140	20	60	2597	1.6	NMRV063	80B5/B14	8022
	112	25	72	2797	1.2			
	93.3	30	82	2973	1.4			
	70	40	104	3272	1.0			
	120	7.5	75	2734	2.0			
	90	10	98	3009	1.6	NMRV063	90B5/B14	90L6
	60	15	140	3444	1.1			
	45	20	180	3791	0.8			
	186.7	7.5	50	2359	2.6			
	140	10	65	2597	2.0			
	93.3	15	92	2973	1.5	NMRV063	90B5/B14	90S4
	70	20	120	3272	1.1			
	56	25	144	3524	0.9			
	46.7	30	164	3745	1.0			
	112	25	77	3302	2.0			
	93.3	30	89	3509	1.9	NMRV075	80B5/B14	8022
	70	40	114	3862	1.4			
	56	50	137	4160	1.1			
	46.7	60	158	4421	0.9			
	90	10	98	3551	2.3			
	60	15	142	4065	1.7	NMRV075	90B5/B14	90L6
45	20	182	4474	1.3				
36	25	219	4820	1.0				
30	30	249	5122	1.0				



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{2a} (Nm)	F_{t2} (N)	f_s		
1.1	93.3	15	95	3509	2.1	NMRV075 90B5/B14	90S4
	70	20	122	3862	1.7		
	56	25	148	4160	1.3		
	46.7	30	171	4421	1.3		
	35	40	216	4865	1.0		
	35	80	210	5383	1.1	NMRV090 80B5/B14	80S2
	28	100	248	5799	0.8		
	36	25	228	5333	1.6		
	30	30	263	5667	1.8	NMRV090 90B5/B14	90L6
	22.5	40	331	6238	1.2		
	18	50	391	6719	1.0		
	15	60	448	7140	0.8		
	35	40	222	5383	1.6		
	28	50	266	5799	1.3	NMRV090 90B5/B14	90S4
	23.3	60	306	6163	1.0		
	22.5	40	345	7882	2.3		
	18	50	414	8491	1.8	NMRV110 90B5	90L6
	15	60	476	9023	1.4		
	11.3	80	588	9931	1.0		
	28	50	278	7328	2.4		
23.3	60	324	7787	1.9			
17.5	80	402	8571	1.3	NMRV110 90B5	90S4	
14	100	473	9232	1.0			
11.3	80	588	12989	1.5			
9	100	689	13500	1.1	NMRV130 90B5	90L6	
17.5	80	408	11210	2.1			
14	100	480	12076	1.5			
1.5	373.3	7.5	34	1433	1.5	NMRV050 80B5/B14	80S2
	280	10	45	1577	1.2		
	186.7	15	65	1805	0.9		
	186.7	7.5	68	2359	1.9		
	140	10	88	2597	1.5		
	93.3	15	126	2973	1.1	NMRV063 90B5/B14	90L4
	70	20	164	3272	0.8		
	373.3	7.5	35	1873	2.7		
	280	10	45	2061	2.2	NMRV063 90B5/B14	90S2
	186.7	15	66	2359	1.6		
	140	20	86	2597	1.2		
	112	25	105	2797	0.9		
	93.3	30	120	2973	1.0		
	120	7.5	103	3227	2.1	NMRV075 100B5/B14	100L6
	90	10	134	3551	1.7		
	60	15	193	4065	1.2		
	56	50	187	4160	1.3	NMRV075 90B5/B14	90S2
	46.7	60	215	4421	1.1		
	140	10	89	3065	2.2		
	93.3	15	129	3509	1.6	NMRV075 90B5/B14	90L4
70	20	166	3862	1.3			
56	25	202	4160	1.0			



GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{2m} (Nm)	F_{2t} (N)	f_s			
1.5	46.7	30	233	4421	1.0	NMRV075	90B5/B14 90L4	
	280	10	45	2433	3.2	NMRV075	90B5/B14 90S2	
	186.7	15	66	2785	2.3			
	140	20	86	3065	1.9			
	112	25	105	3302	1.4			
	93.3	30	121	3509	1.4			
	70	40	156	3862	1.1			
	90	10	137	3929	2.7	NMRV090	100B5/B14 100L6	
	60	15	196	4498	2.1			
	45	20	258	4951	1.5			
	36	25	310	5333	1.2			
	30	30	358	5667	1.3			
	70	20	170	4273	2.1			
	56	25	207	4603	1.6	NMRV090	90B5/B14 90L4	
	46.7	30	239	4891	1.7			
	35	40	303	5383	1.2			
	28	50	363	5799	0.9			
	23.3	60	417	6163	0.8			
	56	50	197	4603	1.3			
	46.7	60	227	4891	1.1	NMRV090	90B5/B14 90S2	
	45	20	264	6256	2.7			
	36	25	322	6739	2.4			
	30	30	363	7161	2.3			
	22.5	40	471	7882	1.7			
	18	50	565	8491	1.3			
	15	60	649	9023	1.1	NMRV110	100B5 100L6	
	35	40	315	6803	2.2			
	28	50	379	7328	1.7			
	23.3	60	442	7787	1.4			
	17.5	80	548	8571	0.9			
46.7	60	236	6181	2.0				
35	80	299	6803	1.3	NMRV110	90B5 90L4		
28	100	358	7328	1.0				
22.5	40	471	10309	2.3				
18	50	565	11105	1.9				
15	60	659	11801	1.4				
11.3	80	802	12989	1.1				
17.5	80	557	11210	1.5	NMRV110	90B5 90S2		
14	100	655	12076	1.1				
373.3	7.5	51	1873	1.8			NMRV130	100B5 100L6
280	10	66	2061	1.5				
186.7	15	97	2359	1.1				
186.7	7.5	99	2785	1.9				
140	10	131	3065	1.5				
93.3	15	189	3509	1.1				
373.3	7.5	50	2210	2.6	NMRV130	90B5 90L4		
280	10	66	2433	2.2				
186.7	15	97	2785	1.5				
140	20	126	3065	1.3				
373.3	7.5	50	2210	2.6			NMRV063	90B5/B14 90L2
280	10	66	2433	2.2				
186.7	15	97	2785	1.5				
140	20	126	3065	1.3				
373.3	7.5	50	2210	2.6	NMRV075	100B5/B14 100L1-4		
280	10	66	2433	2.2				
186.7	15	97	2785	1.5				
140	20	126	3065	1.3				
373.3	7.5	50	2210	2.6			NMRV075	90B5/B14 90L2
280	10	66	2433	2.2				
186.7	15	97	2785	1.5				
140	20	126	3065	1.3				




GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{in} (Nm)	F_{T2} (N)	f_s		
2.2	112	25	154	3302	1.0	NMRV075 100B5/B14	90L2
	93.3	30	178	3509	1.0		
	186.7	7.5	100	3081	2.9		
	140	10	132	3391	2.3	NMRV090 100B5/B14	100L1-4
	93.3	15	191	3882	1.9		
	70	20	249	4273	1.4		
	56	25	304	4603	1.1		
	46.7	30	351	4891	1.2		
	120	7.5	154	3570	2.2	NMRV090 112B5/B14	112M6
	90	10	201	3929	1.8		
	60	15	291	4498	1.4		
	45	20	378	4951	1.0		
	140	20	129	3391	2.0	NMRV090 90B5/B14	90L2
	112	25	159	3653	1.6		
	93.3	30	185	3882	1.7		
	70	40	237	4273	1.2		
	56	50	289	4603	0.9		
	70	20	255	5399	2.5	NMRV110 100B5	100L1-4
	56	25	311	5816	2.2		
	46.7	30	356	6181	2.0		
	35	40	462	6803	1.5		
	28	50	555	7328	1.2		
	23.3	60	648	7787	1.0	NMRV110 112B5	112M6
	90	10	203	4965	3.5		
	60	15	294	5684	2.6		
	45	20	388	6256	1.9		
	36	25	473	6739	1.6		
	30	30	532	7161	1.6	NMRV110 90B5	90L2
	112	25	161	4616	3.1		
	93.3	30	187	4905	3.0		
	70	40	243	5399	2.2		
	56	50	296	5816	1.7		
	46.7	60	347	6181	1.4	NMRV130 100B5	100L1-4
	35	40	468	8897	2.2		
	28	50	563	9584	1.7		
	23.3	60	657	10185	1.4		
	17.5	80	816	11210	1.0		
	36	25	473	8814	2.2	NMRV130 112B5	112M6
	30	30	539	9366	2.2		
	22.5	40	691	10309	1.6		
18	50	829	11105	1.3			
15	60	966	11801	1.0			
35	80	444	8897	1.3	NMRV130 90B5	90L2	
28	100	525	9584	1.0			
28	50	570	13103	2.5			
23.3	60	657	13924	1.9	NMRV150 100B5	100L1-4	
17.5	80	816	15325	1.4			
14	100	960	16508	1.0			

GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{2n} (Nm)	F_{2z} (Nm)	f_s		
3.0	373.3	7.5	68	2210	1.9	NMRV075 100B5/B14	100L2
	280	10	90	2433	1.6		
	186.7	7.5	135	2785	1.4		
	140	10	178	3065	1.1	NMRV075 100B5/B14	100L2-4
	93.3	15	258	3509	0.8		
	373.3	7.5	70	2446	3.0		
	280	10	92	2692	2.6	NMRV090 100B5/B14	100L2
	186.7	7.5	137	3081	2.1		
	140	10	180	3391	1.7		
	93.3	15	261	3882	1.4	NMRV090 100B5/B14	100L2-4
	70	20	340	4273	1.0		
	56	25	414	4603	0.8		
	46.7	30	479	4891	0.9		
	93.3	15	264	4905	2.5		
	70	20	348	5399	1.9		
	56	25	425	5816	1.6	NMRV110 100B5	100L2-4
	46.7	30	485	6181	1.5		
	35	40	630	6803	1.1		
	28	50	757	7328	0.9		
	120	7.5	210	4511	3.1		
	90	10	277	4965	2.6	NMRV110 132B5	132S6
	60	15	401	5684	1.9		
	45	20	528	6256	1.4		
	56	25	430	7607	2.2		
	46.7	30	491	8084	2.1	NMRV130 100B5	100L2-4
	35	40	638	8897	1.6		
	28	50	767	9584	1.3		
	23.3	60	896	10185	1.0		
	17.5	80	1113	11210	0.8		
	90	10	277	6494	3.5		
60	15	406	7434	2.6	NMRV130 132B5	132S6	
45	20	528	8182	2.0			
36	25	645	8814	1.6			
30	30	735	9366	1.6			
22.5	40	942	10309	1.2			
28	50	778	13103	1.8			
23.3	60	896	13924	1.4	NMRV150 100B5	100L2-4	
17.5	80	1113	15325	1.0			
14.0	100	1310	16508	0.8			
373.3	7.5	91	2210	1.4			NMRV075 112B5/B14
280	10	120	2433	1.2			
186.7	7.5	180	2785	1.0			
140	10	237	3065	0.8	NMRV075 112B5/B14	112M4	
373.3	7.5	93	2446	2.3			
280	10	123	2692	1.9			
186.7	7.5	182	3081	1.6	NMRV090 112B5/B14	112M2	
140	10	240	3391	1.3			
93.3	15	348	3882	1.0			
70	20	453	4273	0.8			
140	10	240	3391	1.3			NMRV090 112B5
93.3	15	348	3882	1.0			

GEAR UNIT SELECTION TABLES PERFORMANCE PARAMETER

P_{in} (kw)	n_2 (r/min)	i	M_{2in} (Nm)	F_{2in} (N)	f_s						
4.0	140	10	240	4285	2.5	NMRV110	112B5	112M4			
	93.3	15	352	4905	1.9						
	70	20	464	5399	1.4						
	56	25	566	5816	1.2						
	46.7	30	647	6181	1.1						
	120	7.5	280	4511	2.3						
	90	10	369	4965	1.9	NMRV110	132B5	132M1-6			
	60	15	535	5684	1.4						
	56	25	573	7607	1.6						
	46.7	30	655	8084	1.6	NMRV130	112B5	112M4			
	35	40	851	8897	1.2						
	28	50	1023	9584	1.0						
	23.3	60	1195	10185	0.8						
	120	7.5	283	5901	3.1						
	90	10	369	6494	2.6						
	60	15	541	7434	2.0	NMRV130	132B5	132M1-6			
	45	20	705	8182	1.5						
	36	25	860	8814	1.2						
28	50	1037	13103	1.4							
23.3	60	1195	13924	1.1							
17.5	80	1484	15325	0.8							
5.5	186.7	7.5	250	3893	2.2	NMRV110	132B5	132S4			
	140	10	330	4285	1.8						
	93.3	15	484	4905	1.4						
	70	20	638	5399	1.0						
	140	10	334	5605	2.5						
	93.3	15	490	6416	1.9	NMRV130	132B5	132S4			
	70	20	638	7062	1.4						
	56	25	788	7607	1.2						
	46.7	30	900	8084	1.2						
	35	40	1171	8897	0.9						
	70	20	645	9654	2.0						
	56	25	788	10400	1.5	NMRV150	132B5	132S4			
	46.7	30	934	11051	1.3						
	35.0	40	1171	12163	1.3						
	28.0	50	1426	13103	1.0						
23.3	60	1643	13924	0.8							
186.7	7.5	341	3893	1.6	NMRV110				132B5	132M4	
140	10	450	4285	1.3							
93.3	15	660	4905	1.0							
186.7	7.5	345	5092	2.2							
140	10	455	5605	1.8							
93.3	15	668	6416	1.4							
70	20	870	7062	1.0							
56	25	1074	7607	0.9							
46.7	30	1228	8084	0.8							
35	40	1596	8897	0.7							
70	20	880	9654	1.5							
56	25	1074	10400	1.1							
7.5	186.7	7.5	341	3893		1.6	NMRV110	132B5			132M4
	140	10	450	4285		1.3					
	93.3	15	660	4905		1.0					
	186.7	7.5	345	5092	2.2	NMRV130	132B5	132M4			
	140	10	455	5605	1.8						
	93.3	15	668	6416	1.4						
	70	20	870	7062	1.0						
	56	25	1074	7607	0.9						
	46.7	30	1228	8084	0.8						
35	40	1596	8897	0.7	NMRV150	132B5	132M4				
70	20	880	9654	1.5							
56	25	1074	10400	1.1							