

鋁殼金電機及RV減速機

ALUMINUM SHELL GOLD MOTOR
AND RV REDUCER

就是耐用！

德國技術 傳動未來

GERMAN TECHNOLOGY DRIVE IN
THE FUTURE

蝸輪減速器簡介 A Brief Introduction of Worm Gear Reducer



NMRV系列蝸輪減速器是我們在不斷完善產品的基礎上研製的新一代實用性產品。國內外先進技術的融合，賦予它以下特點：

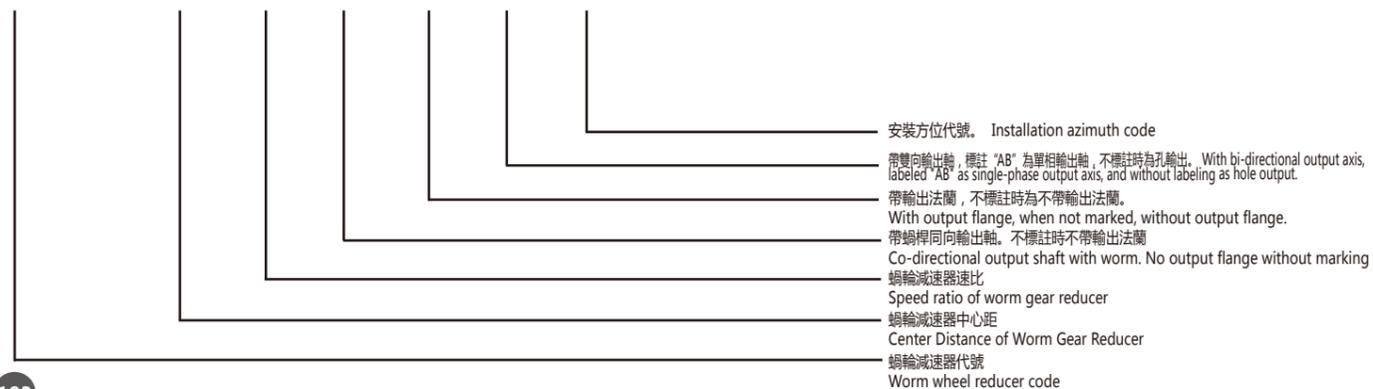
1. 優質鋁金鑄造，重量輕，不生鏽。
2. 輸出扭矩大。
3. 傳動平穩，噪音低。
4. 散熱效率高。
5. 美觀耐用，體積小。
6. 可適應全範圍安裝。

NMRV series worm gear reducer is a new generation of practical products developed on the basis of constantly improving products. The integration of advanced technology at home and abroad gives it the following characteristics:

1. High-quality aluminium-gold casting, light weight, no rust.
2. Large output torque.
3. Smooth transmission and low noise.
4. High heat dissipation efficiency.
5. Beautiful and durable, small size.
6. Suitable for full range installation.

型號標記 Model mark

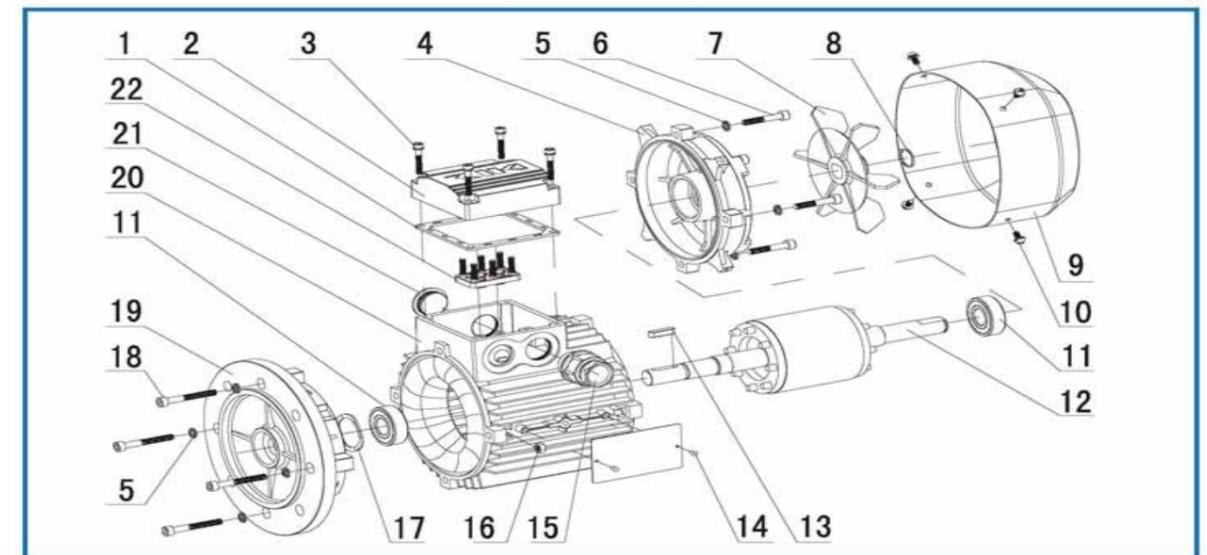
NMRV 063-40 VS F1 AS B3



鋁合金電機簡介 Brief Introduction of Aluminum Alloy Motor



電機分解圖 Motor decomposition diagram

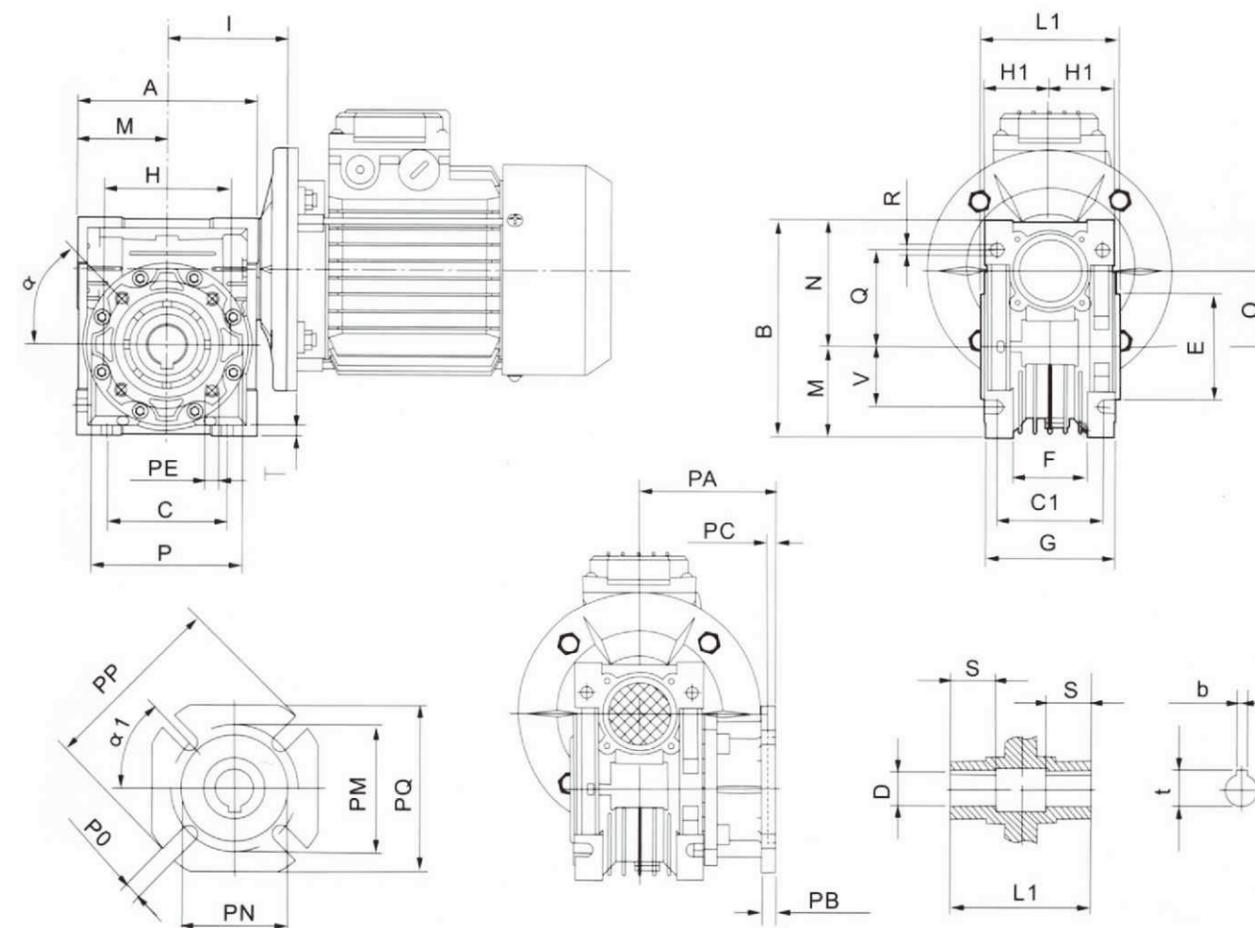
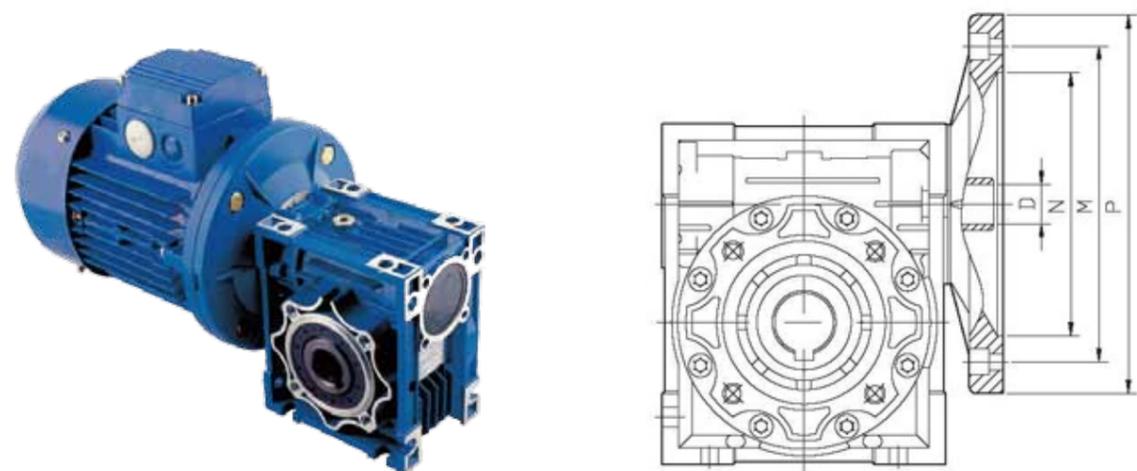


型號標記 Model mark

系列代號 SERIES CODE	YS	三相异步电动机	THREE PHASE ASYNCHRONOUS MOTORS
机座号 FRAME SIZE	56	56 机座	FRAME SIZE 56
	63	63 机座	FRAME SIZE 63
	71	71 机座	FRAME SIZE 71
	80	80 机座	FRAME SIZE 80
	90	90 机座	FRAME SIZE 90
	100	100 机座	FRAME SIZE 100
	112	112 机座	FRAME SIZE 112
铁芯规格 SPEC. OF IRON CORE	1	1#长度规格	NO.1 LENGTH SPEC
	2	2#长度规格	NO.2 LENGTH SPEC
	3	3#长度规格	NO.3 LENGTH SPEC
电机极数 POLES	2	2极	2 POLES
	4	4极	4 POLES
	6	6极	6 POLES

鋁合金RV減速機安裝尺寸圖

Installation Dimension Diagram of Aluminum Alloy Motor



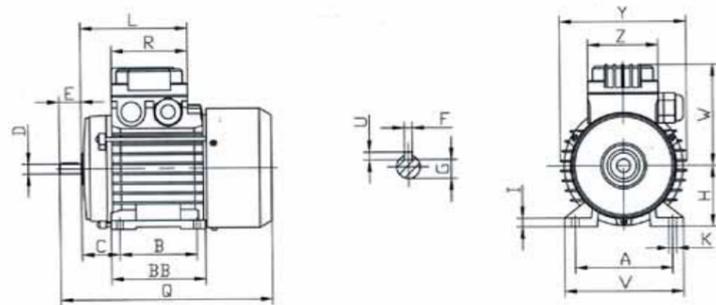
NMRW	PAM IEC	N		M		P		D											
		B5	B14	B5	B6	B5	B14	5	7.5	10	15	20	25	30	40	50	60	80	100
025	56B14	-	50	-	65	-	80	9	9	9	9	9	-	9	9	9	9	-	-
030	56B5/B14	80	50	100	65	120	80	9	9	9	9	9	9	9	9	9	9	-	-
	63B5/B14	95	60	115	75	140	90	11	11	11	11	11	11	11	11	11	-	-	
040	56B5/B14	80	50	100	65	120	80	-	-	-	-	-	-	-	9	9	9	9	
	63B5/B14	95	60	115	75	140	90	11	11	11	11	11	11	11	11	11	11	11	
	71B5/B14	110	70	130	85	160	105	14	14	14	14	14	14	14	-	-	-	-	
	80B5/B14	130	80	165	100	200	120	19	19	19	19	-	-	-	-	-	-	-	
050	63B5/B14	95	60	115	75	140	90	-	-	-	-	-	-	11	11	11	11	11	
	71B5/B14	110	70	130	85	160	105	14	14	14	14	14	14	14	14	14	14	-	
	80B5/B14	130	80	165	100	200	120	19	19	19	19	19	19	19	-	-	-		
063	71B5/B14	110	70	130	85	160	105	-	-	-	-	-	-	14	14	14	14	14	
	80B5/B14	130	80	165	100	200	120	-	19	19	19	19	19	19	19	19	19	19	
	90B5/B14	130	95	165	115	200	140	-	24	24	24	24	24	24	-	-	-		
075	71B5	110	-	130	-	160	-	-	-	-	-	-	-	-	14	14	14	14	
	80B5/B14	130	80	165	100	200	120	-	-	-	-	-	19	19	19	19	19	19	
	90B5/B14	130	95	165	115	200	140	-	24	24	24	24	24	24	-	-	-		
	100B5/B14	180	110	215	130	250	160	-	28	28	28	-	-	-	-	-	-		
	112B5/B14	180	110	215	130	250	160	-	28	28	-	-	-	-	-	-	-		
090	80B5/B14	130	130	165	100	200	120	-	-	-	-	-	-	19	19	19	19		
	90B5/B14	130	95	165	115	200	140	-	-	-	-	24	24	24	24	24	-		
	100B5/B14	180	110	215	130	250	160	-	28	28	28	28	28	-	-	-	-		
	112B5/B14	180	110	215	130	250	160	-	28	28	28	28	-	-	-	-			
110	90B5	130	-	165	-	200	-	-	-	-	-	-	-	24	24	24	24		
	100B5	180	-	215	-	250	-	-	28	28	28	28	28	28	28	28	-		
	112B5	180	-	215	-	250	-	-	28	28	28	28	28	-	-	-			
130	132B5	230	-	165	-	300	-	-	38	38	38	38	-	-	-	-			
	90B5	130	-	165	-	200	-	-	-	-	-	-	-	24	24	-			
	100B5	180	-	215	-	250	-	-	-	-	-	-	28	28	28	28			
150	112B5	180	-	215	-	250	-	-	28	28	28	28	28	28	28	-			
	132B5	230	-	265	-	300	-	-	38	38	38	38	38	38	-	-			
	160B5	230	-	300	-	350	-	-	42	42	42	42	42	-	-				

RV	A	B	C	C1	D(h7)	E(h8)	F	G	H	H1	I	L1	M	N	O	P	Q	R
030	80	97	54	44	14	55	32	56	65	29	55	63	40	57	30	75	44	6.5
040	100	121.5	70	60	18	60	43	71	75	36.5	70	78	50	71.5	40	87	55	6.5
050	120	144	80	70	25	70	49	85	85	43.5	80	92	60	84	50	100	64	8.5
063	144	174	100	85	25	80	67	103	95	53	95	112	72	102	63	110	80	8.5
075	172	205	120	90	28	95	72	112	115	57	112.5	120	86	119	75	140	93	11
090	206	238	140	100	35	110	74	130	130	67	129.5	140	103	135	90	160	102	13
110	252.5	295	170	115	42	130	-	144	165	74	160	155	127.5	167.5	110	200	125	14
130	292.5	335	200	120	45	180	-	155	215	81	180	170	147.5	187.5	130	250	140	16

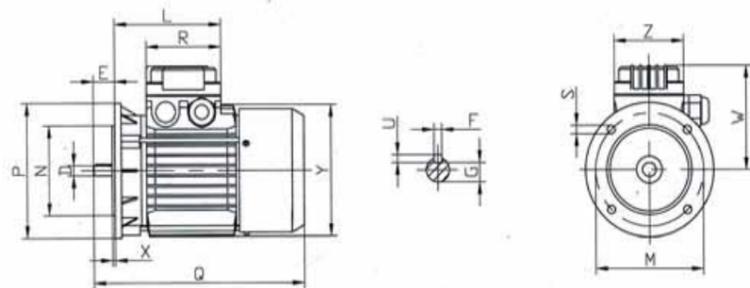
RV	S	T	V	PA	PB	PC	PE	PM	PN(H8)	PO	PP	PQ	b	t	a	a1	Kg
030	21	5.5	27	54.5	6	4	M6×11(n=4)	68	50	6.5(n=4)	80	70	5	16.3	0°	45°	1.2
040	26	6.5	35	67(97.5)	7	4	M6×8(n=4)	75	60	9(n=4)	110	95	6	20.8	45°	45°	2.3
050	30	7	40	90(119.5)	9	5	M8×10(n=4)	85	70	11(n=4)	125	110	8	28.3	45°	45°	3.5
063	36	8	50	82(111)	10	6	M8×14(n=8)	150	115	11(n=4)	180	140	8	28.3	45°	45°	6.2
075	40	10	60	111	13	6	M8×14(n=8)	165	130	14(n=4)	200	170	8	31.3	45°	45°	9
090	45	11	70	111	13	6	M10×18(n=8)	175	152	14(n=4)	210	200	10	38.3	45°	45°	13
110	50	14	85	131	15	6	M10×18(n=8)	230	170	14(n=4)	280	260	12	45.3	45°	45°	35
130	60	15	100	140	15	6	M12×21(n=8)	255	180	16(n=8)	320	290	14	48.8	45°	22.5°	48

鋁合金電機安裝尺寸圖

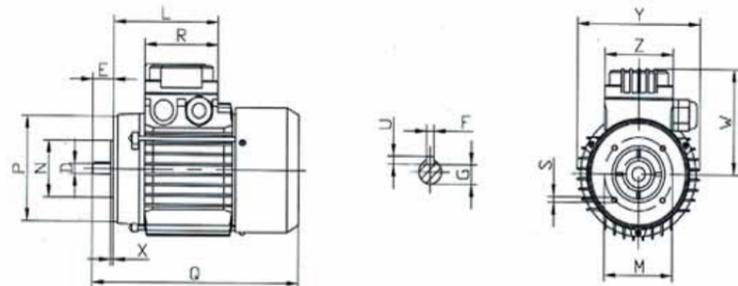
Installation Dimension Diagram of Aluminum Alloy Motor



TYPE	A	B	C	D	E	F	G	H	I	Q	U	V	W	Y	BB	L	R	Z	K
YS50	80	63	33	9	20	3	7.2	50	7	171	3	100	76	99	73	98	70	65	5.8
YS56	90	71	35	9	20	3	7.2	56	8	195	3	110	93	117	87	99	70	65	5.8
YS63	100	80	43	11	23	4	8.5	63	9	222	4	123	95	122	104	102	70	65	8
YS71	112	90	45	14	30	5	11	71	10	245	5	136	108	137	113	114	80	75	8
YS80	125	100	51	19	40	6	15.5	80	10	283	6	154	118	156	125	118	80	75	10
YS90	140	125	56	24	50	8	20	90	12	336	7	180	128	169	155	134	98.5	98.5	10
YS100	160	140	63	28	60	8	24	100	14	390	7	205	145	194	176	140	98.5	98.5	12



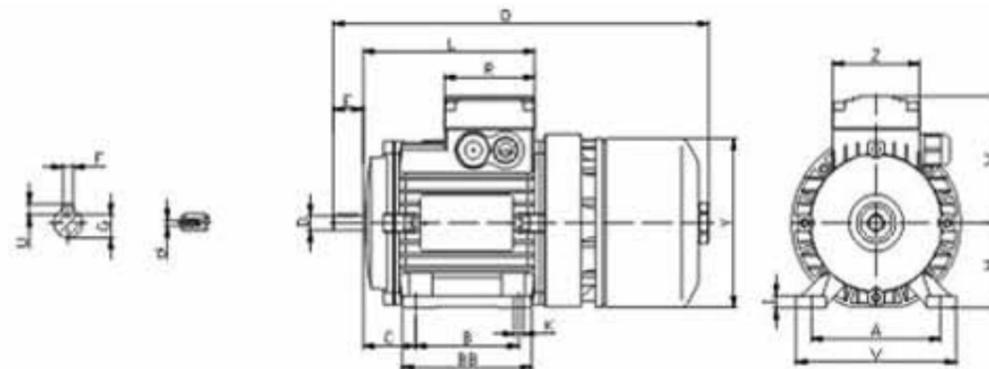
TYPE	D	E	F	G	M	N	P	Q	S	U	W	X	Y	L	R	Z
YS56	9	20	3	7.2	100	80	120	197	7	3	93	2.5	117	100	70	65
YS63	11	23	4	8.5	115	95	140	224	9.5	4	95	3	122	104	70	65
YS71	14	30	5	11	130	110	160	239	10	5	108	3.5	137	108	80	75
YS80	19	40	6	15.5	165	130	200	278	12	6	118	3.5	156	114	80	75
YS90	24	50	8	20	165	130	200	336	12	7	128	3.5	169	135	98.5	98.5
YS100	28	60	8	24	215	180	250	390	15	7	145	4	194	141	98.5	98.5



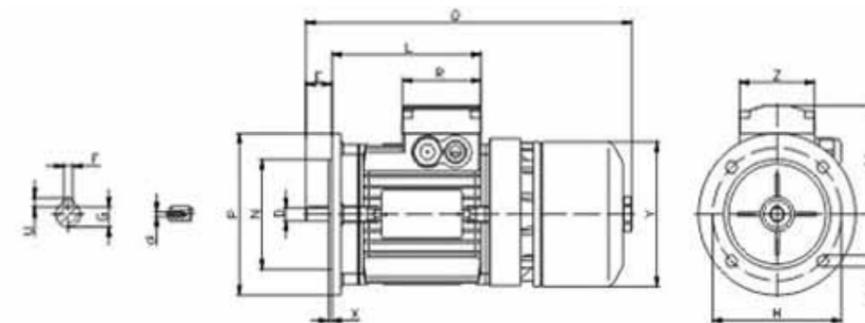
TYPE	D	E	F	G	M	N	P	Q	S	U	W	X	Y	L	R	Z
YS50	9	20	3	7.2	55	40	70	170	M5	3	76	2.5	99	98	70	65
YS56	9	20	3	7.2	65	50	80	197	M5	3	93	2.5	117	100	70	65
YS63	11	23	4	8.5	75	60	90	220	M5	4	95	2.5	122	102	70	65
YS71	14	30	5	11	85	70	105	245	M6	5	108	2.5	137	114	80	75
YS80	19	40	6	15.5	100	80	120	283	M6	6	118	3	156	118	80	75
YS90	24	50	8	20	115	95	138	336	M8	7	128	3	169	135	98.5	98.5
YS100	28	60	8	24	130	110	160	390	M8	7	145	3.5	194	141	98.5	98.5

鋁合金剎車電機安裝尺寸圖

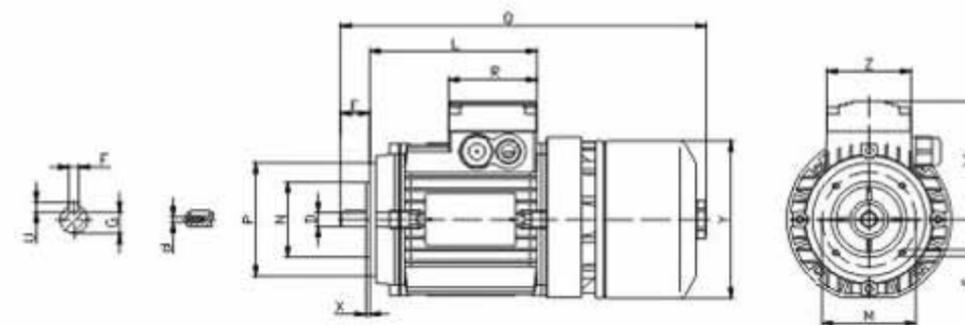
Installation Dimension Diagram of Aluminum Alloy Brake Motor



TYPE	A	B	C	D	E	F	G	H	I	Q	U	V	W	Y	BB	L	R	Z	K	d
YS71	112	90	43	14	30	5	11	71	10	338	5	136	108	140	113	147	80	75	8	M5
YS80	125	100	51	19	40	6	15.5	80	10	372	6	154	118	160	125	167	80	75	10	M6
YS90	140	125	56	24	50	8	20	90	12	439	7	180	125	180	155	201	98.5	98.5	10	M8
YS100	160	140	63	28	60	8	24	100	14	498	7	205	145	200	176	237	98.5	98.5	12	M10



	E	F	G	M	N	P	Q	I	U	W	X	Y	L	R	Z	K	d	
BMA71	14	30	5	11	130	110	160	330	10	5	107	3.5	140	141	80	75	7.5	M5
BMA80	19	40	6	15.5	165	130	200	368	12	6	118	3.5	160	163	80	75	9	M6
BMA90	24	50	8	20	165	130	200	439	12	7	125	3.5	180	202	98.5	98.5	12	M8
BMA100	28	60	8	24	215	180	250	498	15	7	145	4	200	238	98.5	98.5	13	M10



TYPE	E	F	G	M	N	P	Q	S	U	W	X	Y	L	R	Z	d
BMA71	30	5	11	85	70	105	336	M6	5	107	2.5	140	147	80	75	M5
BMA80	40	6	15.5	100	80	120	372	M6	6	118	3	160	167	80	75	M6
BMA90	50	8	20	115	95	138	439	M8	7	128	3	180	202	98.5	98.5	M8
BMA100	60	8	24	130	110	160	498	M8	7	145	3.5	200	238	98.5	98.5	M10

NMRW性能参数 (n1=1400r/min)
NMRW Performance Parameters (n1=1400r/min)

KW	TYPE	I	n2(r/min)	M2(N.M)
0.06KW	NMRW 025	5	280	1.77
	NMRW 025	7.5	187	2.58
	NMRW 025	10	140	3.34
	NMRW 025	15	93	4.72
	NMRW 025	20	70	6.16
	NMRW 025	30	47	7.83
	NMRW 025	40	35	10.21
	NMRW 025	50	28	11.93
	NMRW 025	60	23	12.69
	NMRW 030	5	280	1.8
	NMRW 030	7.5	186	2.6
	NMRW 030	10	140	3.4
	NMRW 030	15	94	4.8
	NMRW 030	20	70	5.5
	NMRW 030	25	56	7.2
	NMRW 030	30	47	8.2
	NMRW 030	40	35	8.5
	NMRW 030	50	28	11.6
	NMRW 040	60	24	12.4
	0.09KW	NMRW 030	5	280
NMRW 030		7.5	186	3.86
NMRW 030		10	140	5.00
NMRW 030		15	93	7.08
NMRW 030		20	70	9.24
NMRW 030		30	47	11.8
NMRW 030		40	35	15.3
NMRW 030		50	28	19.2
NMRW 030		60	24	19.2
NMRW 030		7.5	186	4
NMRW 030		10	140	5.1
NMRW 030		15	94	7.2
NMRW 030		20	70	8.3
NMRW 030		25	56	10.7
NMRW 030		30	47	12.3
NMRW 030		40	35	12.8
NMRW 030		50	28	17.4
NMRW 040		60	24	18.6
NMRW 040		80	18	25.2
0.12KW		NMRW 030	5	280
	NMRW 040	7.5	186	5.3
	NMRW 040	10	140	6.8
	NMRW 040	15	94	8.9
	NMRW 040	20	70	8.9
	NMRW 030	5	280	9.6
	NMRW 040	7.5	186	9.9
	NMRW 030	10	140	11
	NMRW 040	15	94	13
	NMRW 030	20	70	13
	NMRW 040	25	56	14.3
	NMRW 040	30	47	15.1
	NMRW 030	5	280	16.4
	NMRW 040	7.5	186	16.4
	NMRW 040	10	140	16.4
	NMRW 040	15	94	16.4
	NMRW 040	20	70	16.4
	NMRW 040	25	56	16.4
	NMRW 040	30	47	16.4

KW	TYPE	I	n2(r/min)	M2(N.M)	
0.12KW	NMRW040	30	47	16.6	
	NMRW030	40	35	17	
	NMRW040	40	35	21.9	
	NMRW050	40	35	22.7	
	NMRW030	50	28	32.2	
	NMRW040	50	28	24.7	
	NMRW050	50	28	26	
	NMRW040	60	24	25.3	
	NMRW050	60	24	26.2	
	NMRW040	80	18	33.6	
	NMRW050	80	18	34.7	
	NMRW040	100	14	39	
	NMRW050	100	14	39.6	
	0.18KW	NMRW030	5	280	5.4
		NMRW040	7.5	186	5.4
NMRW030		7.5	186	7.9	
NMRW040		10	140	7.9	
NMRW030		10	140	10.2	
NMRW040		15	94	10.3	
NMRW030		15	94	14.4	
NMRW040		20	70	14.8	
NMRW030		20	70	16.5	
NMRW040		25	56	19.5	
NMRW030		25	56	21.5	
NMRW040		30	47	22.7	
NMRW030		30	47	24.6	
NMRW040		40	35	24.9	
NMRW050		40	35	32.8	
0.25KW	NMRW040	50	28	34	
	NMRW040	50	28	37.1	
	NMRW050	60	24	39	
	NMRW040	60	24	37.9	
	NMRW050	80	18	39.2	
	NMRW050	80	18	52.1	
	NMRW050	100	14	59.3	
	NMRW040	5	280	7.6	
	NMRW050	7.5	186	7.6	
	NMRW040	7.5	186	11	
	NMRW050	10	140	11.2	
	NMRW040	10	140	14.3	
	NMRW050	15	94	14.5	
	NMRW040	15	94	20.6	
	NMRW050	20	70	2.7	
NMRW040	20	70	27		
NMRW050	25	56	27.5		
0.37KW	NMRW040	25	56	31.5	
	NMRW050	30	47	32.8	
	NMRW040	30	47	34.6	
	NMRW050	40	35	36.4	
	NMRW040	40	35	45.6	
	NMRW050	50	28	47.3	
	NMRW050	50	28	54.1	
	NMRW050	60	24	54.5	
	NMRW050	80	18	72.4	
	NMRW063	80	18	76.7	
	NMRW063	100	14	82.8	
	NMRW040	5	280	11.2	
	NMRW050	7.5	186	11.2	

NMRW性能参数 (n1=1400r/min) 一续
The renewal about the NMRW Performance Parameters (n1=1400r/min)

KW	TYPE	I	n2(r/min)	M2(N.M)
0.37KW	NMRW040	7.5	186	16.3
	NMRW050	10	140	16.6
	NMRW040	10	140	21.2
	NMRW050	10	140	21.5
	NMRW040	15	94	30.5
	NMRW050	15	94	30.6
	NMRW040	20	70	40
	NMRW050	20	70	40.7
	NMRW040	25	56	46.6
	NMRW050	25	56	48.7
	NMRW040	30	47	51.2
	NMRW050	30	47	53.8
	NMRW050	40	35	67
	NMRW063	40	35	72.3
	NMRW050	50	28	80.1
	NMRW063	50	28	83.3
	NMRW050	60	24	80.6
	NMRW063	60	24	86.5
	NMRW063	80	18	113.5
	NMRW063	100	14	122.6
0.55KW	NMRW040	5	280	16.6
	NMRW050	7.5	186	16.7
	NMRW040	7.5	186	24.3
	NMRW050	10	140	24.6
	NMRW040	10	140	31.5
	NMRW050	15	94	32
	NMRW040	15	94	45.3
	NMRW050	15	94	45.5
	NMRW063	50	28	46.7
	NMRW050	50	28	123.9
	NMRW063	50	28	144.3
	NMRW050	50	28	123.9
	NMRW063	50	28	144.3
	NMRW050	50	28	123.9
	NMRW063	50	28	144.3
	NMRW050	40	35	104
	NMRW063	40	35	107.5
	NMRW075	50	28	115.7
	NMRW050	50	28	123.9
	NMRW063	50	28	144.3
NMRW063	60	24	128.6	
NMRW075	60	24	156.5	
NMRW075	80	18	215.78	
NMRW075	100	14	235	
0.75KW	NMRW050	5	280	22.7
	NMRW050	7.5	186	33.6
	NMRW063	10	140	33.8
	NMRW050	10	140	43.6
	NMRW063	15	94	44.5
	NMRW050	15	94	62
	NMRW063	20	70	63.7
	NMRW050	20	70	82.4
	NMRW063	25	56	84
	NMRW063	25	56	99.8
	NMRW063	30	47	113.6
	NMRW075	30	47	124.4
	NMRW063	40	35	146.6
	NMRW075	40	35	157.8

KW	TYPE	I	n2(r/min)	M2(N.M)
0.75KW	NMRW075	50	28	196.8
	NMRW090	60	24	186.1
	NMRW075	60	24	213.4
	NMRW090	80	18	211.9
	NMRW090	100	14	261.1
1.1KW	NMRW090	100	14	292.7
	NMRW063	7.5	186	49.6
	NMRW075	10	140	51.4
	NMRW063	10	140	65.3
	NMRW075	15	94	67.8
	NMRW063	15	94	93.5
	NMRW075	20	70	98.6
	NMRW063	20	70	123.3
	NMRW075	25	56	127.7
	NMRW063	25	56	146.4
	NMRW075	30	47	159.2
	NMRW063	30	47	166.7
	NMRW075	40	35	182.5
	NMRW090	40	35	231.4
	NMRW090	40	35	229.7
NMRW090	50	28	272.9	
NMRW090	60	24	310.8	
NMRW110	60	24	319.1	
NMRW110	80	18	403.8	
NMRW110	100	14	471.2	
1.5KW	NMRW063	7.5	186	67.6
	NMRW075	10	140	70.1
	NMRW063	10	140	89.1
	NMRW075	15	94	92.5
	NMRW063	15	94	127.5
	NMRW075	20	70	134.5
	NMRW063	20	70	167.9
	NMRW075	25	56	174.1
	NMRW090	25	56	217.1
	NMRW075	25	56	211
	NMRW075	30	47	248.9
	NMRW090	30	47	247.1
	NMRW090	40	35	313.3
	NMRW090	40	35	372.1
	NMRW110	50	28	392.9
NMRW090	50	28	423.8	
NMRW110	60	24	435.1	
NMRW110	80	18	550.7	
NMRW130	80	18	534	
NMRW130	100	14	672.2	
2.2KW	NMRW075	7.5	186	102.8
	NMRW090	10	140	101.9
	NMRW110	10	140	101.8
	NMRW075	15	94	135.7
	NMRW090	15	94	134.8
	NMRW110	20	70	133.7
	NMRW075	20	70	197.3
	NMRW090	25	56	196.7
	NMRW110	25	56	192.7
	NMRW090	20	70	254.9
	NMRW110	20	70	254.5
	NMRW090	25	56	309.5
	NMRW110	25	56	319.2