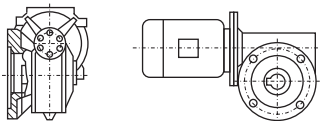
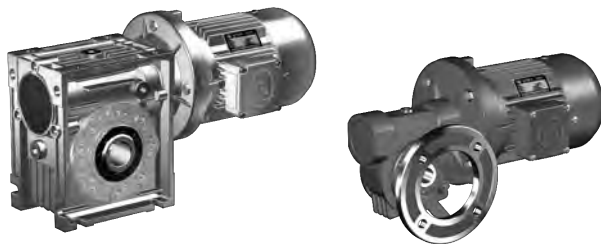


蜗轮减速机有以下设计方案：

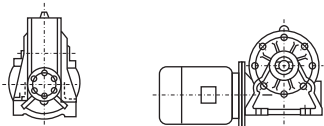
Worm gear units are available in the following designs:



W...Y... (Pd)

Pd安装形式蜗轮减速机

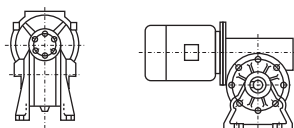
Pd-mounted worm gear units



W...Y... (X)

X安装形式蜗轮减速机

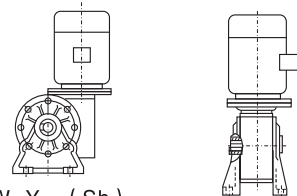
X-mounted worm gear units



W..Y... (S)

S安装形式蜗轮减速机

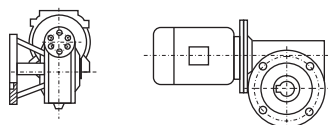
S-mounted worm gear units



W..Y... (Sh)

Sh安装形式蜗轮减速机

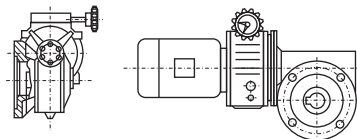
Sh-mounted worm gear units



W..Y... (Pc)

Pc安装形式蜗轮减速机

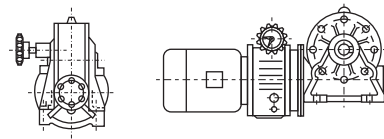
Pc-mounted worm gear units



MB..Y...W.. (Pd)

Pd安装形式, 与无级变速机组组合蜗轮减速机

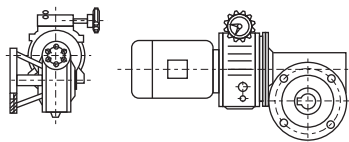
Pd-mounted worm gear units combine with infinite speed variator



MB..Y...W.. (X)

X安装形式, 与无级变速机组组合蜗轮减速机

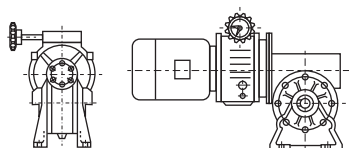
X-mounted worm gear units combine with infinite speed variator



MB..Y...W.. (Pc)

Pc安装形式, 与无级变速机组组合蜗轮减速机

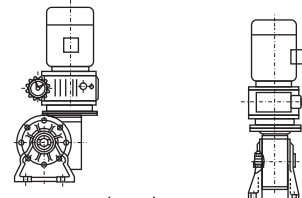
Pc-mounted worm gear units combine with infinite speed variator



MB..Y...W.. (S)

S安装形式, 与无级变速机组组合蜗轮减速机

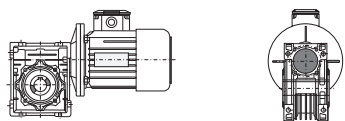
S-mounted worm gear units combine with infinite speed variator



MB..Y...W.. (Sh)

Sh安装形式, 与无级变速机组组合蜗轮减速机

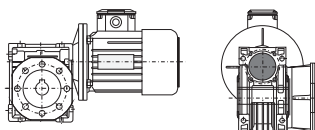
Sh-mounted worm gear units combine with infinite speed variator



NMRV..Y...

不带法兰安装蜗轮减速机

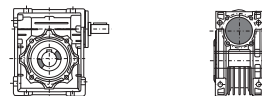
Without flange-mounted worm gear units



NMRVF1 (F2) ..Y...

带法兰安装蜗轮减速机

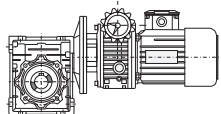
Flang-mounted worm gear units



NMRV(F1、F2)S..

输入带轴蜗轮减速机

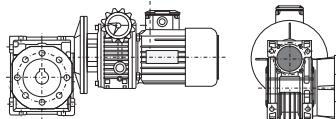
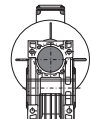
Worm wheel gear units with input shaft



MBQ..Y...NMRV...

不带法兰安装, 与无级变速机组组合蜗轮减速机

Without flange-mounted worm gear units combine with infinite speed variator



MBQ..Y...NMRVF1 (F2) ..

带法兰安装, 与无级变速机组组合蜗轮减速机

Flang-mounted worm gear units combine with infinite speed variator



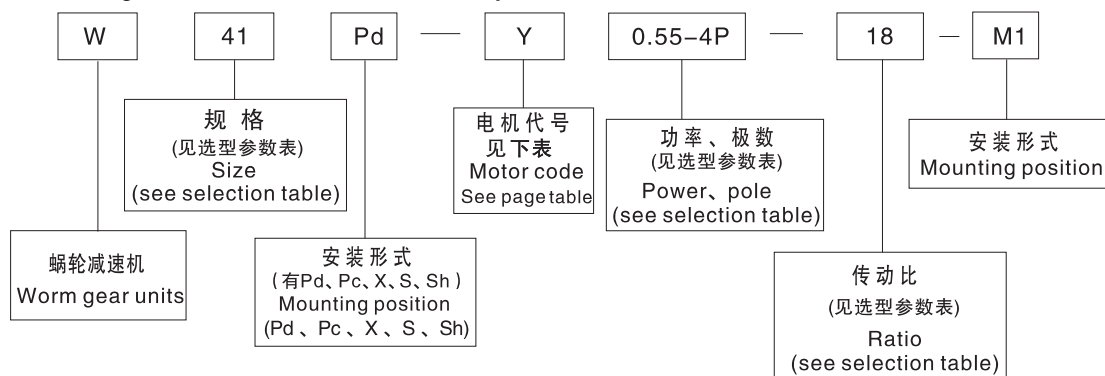
型号与标记 / Type Designations

W系列 (铸铁机箱)

W series (cast iron housing)

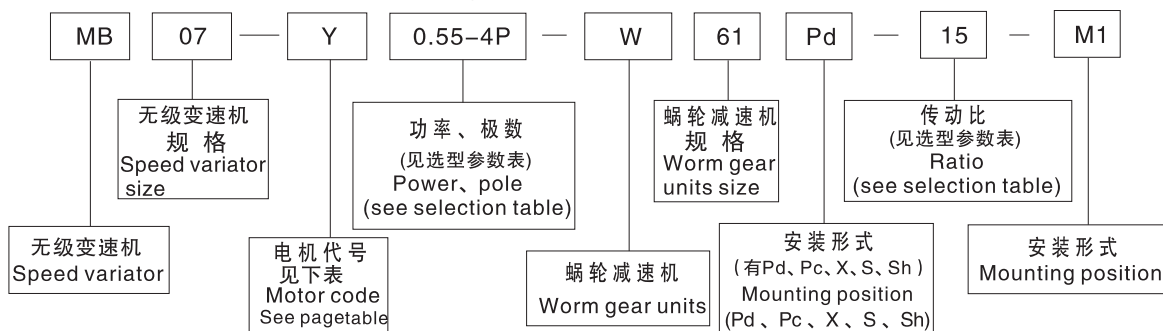
1. 电机直联蜗杆减速机:

1. Worm gear units mounted motor directly:



2. 无级变速机与蜗轮减速机组合:

2. Speed variator combine with worm gear units:

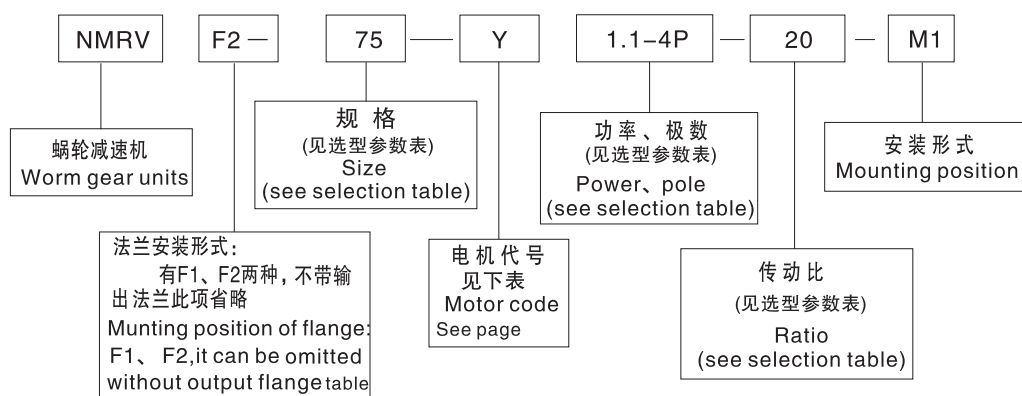


NMRV系列 (铝壳体)

NMRV series (aluminium housing)

1. 电机直联蜗杆减速机:

1. Worm gear units mounted motor directly:



电机代号:

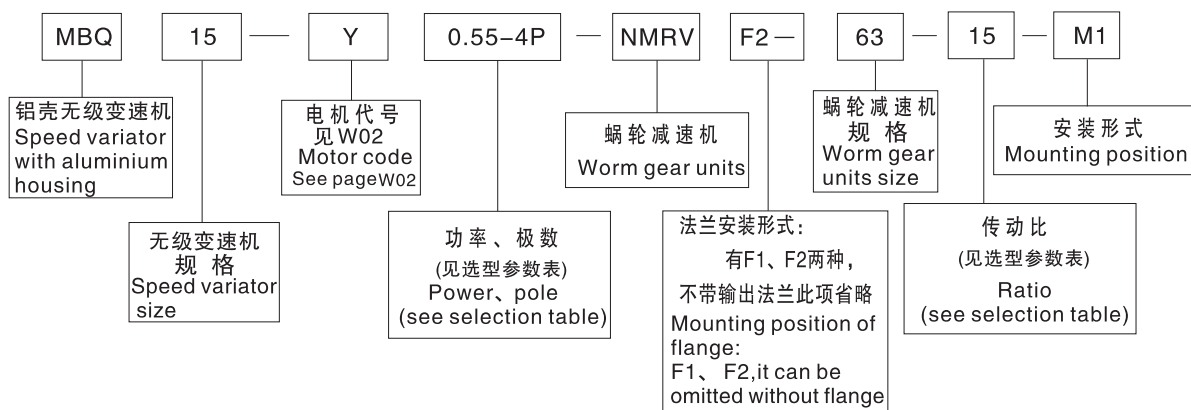
Motor code:

电机类型 Motor type	普通(更新) Ordinary (renew)	防爆 Flame- proof	直流 Direct current	制 动 Brake	多 速 Multi- speed	变 频 Variable frequency	分 马 力 Power- divided	增 安 Ampere - increased	电磁调速 Electromagn- etism speed modulation	冶金起重 Hoisting in metallurgy	变频制动 Variable frequency and brake
类型代号 Type code	Y(Y2)	B	Z	E	D	V	F	A	C	R	VE

注: NMRV40有Φ18和Φ19两种输出内孔, 订货时需注明

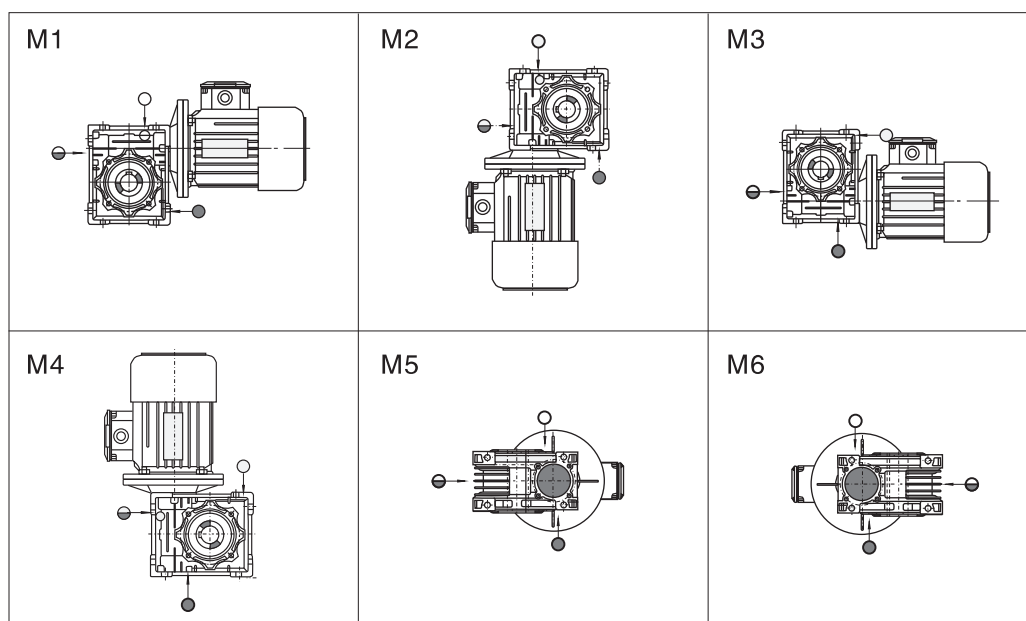
2. 无级变速机与蜗轮减速机组合:

2. Speed variator combine with worm gear units:



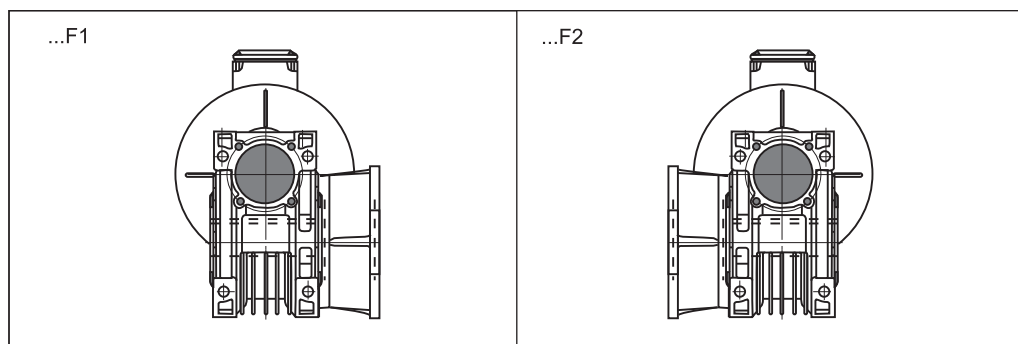
NMRV安装形式:

Mounting position of NMRV:



NMRV输出法兰“F”安装形式:

Mounting position of NMRV output flange:



注: ● ——表示放油孔

● ——表示油位孔

○ ——表示加油通气孔



W系列蜗轮减速机及其与MB(Q)无级变速机组合的输入功率及许用转矩：
Input power rating and permissible torque for W worm gear units and combinations
MB(Q) infinite speed variator

规格 Size	41	61	81	91
结构形式 Structure	Pd Pc X S Sh			
输入功率(kW) Input power rating	0.25~0.55	0.25~1.1	0.55~4.0	0.55~4.0
传动比 Ratio	13.5, 18, 26, 36	14.5, 19, 37, 49	8, 14.5, 19, 23, 40	7, 14, 19.5, 22, 39
许用转矩(N.m) Permissible torque	60	100	290	600

NMRV系列蜗轮减速机及其与MB(Q)无级变速机组合的输入功率及许用转矩：
Input power rating and permissible torque for NMRV worm gear units and combinations with
MB(Q) infinite speed variator

规格 Size	30	40	50	63	75	90	110
结构形式 Structure	不带法兰	F1	F2	Without flange		F1	F2
输入功率(kW) Input power rating	0.18	0.18~0.37	0.18~0.75	0.37~1.5	0.55~4.0	0.75~4.0	1.1~7.5
传动比 Ratio	7.5~30	7.5~60	7.5~80	7.5~100	7.5~100	10~100	7.5~100
许用转矩(N.m) Permissible torque	21	44	81	167	230	377	647

W系列减速机重量：

Wseries reducers weight:

规格 Size	41	61	81	91
重量(kg) Weight	5	7.5	12	20

NMRV系列减速机重量：

NMRV series reducers weight:

规格 Size	30	40	50	63	75	90	110
重量(kg) Weight	3	4	6	8	10	13	42

	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type	
※有pd、pc、x、s、sh等五种结构可供选择(参见W13页) Five structures for selection:pd、pc、x、s、sh(see page W13)	0.25kW				W系列蜗轮减速机直联电机 W series worm gear units mounted motor directly 铸铁外壳，4极电机 cast iron housing, 4-pole motor
	103	17	13.5	W41(※) - Y0.25-13.5	
	77	20	18	W41(※) - Y0.25-18	
	53	25	26	W41(※) - Y0.25-26	
	38	32	36	W41(※) - Y0.25-36	
	0.37kW				
	103	25	13.5	W41(※) - Y0.37-13.5	
	77	29	18	W41(※) - Y0.37-18	
	53	36	26	W41(※) - Y0.37-26	
	38	50	36	W41(※) - Y0.37-36	
	96	26	14.5	W61(※) - Y0.37-14.5	
	73	29	19	W61(※) - Y0.37-19	
	37	55	37	W61(※) - Y0.37-37	
	28	68	49	W61(※) - Y0.37-49	
	0.55kW				
	103	36	13.5	W41(※) - Y0.55-13.5 *	
	77	42	18	W41(※) - Y0.55-18 *	
	53	50	26	W41(※) - Y0.55-26 *	
	96	39	14.5	W61(※) - Y0.55-14.5	
	73	43	19	W61(※) - Y0.55-19	
	37	78	37	W61(※) - Y0.55-37	
	28	85	49	W61(※) - Y0.55-49	
	175	23	8	W81(※) - Y0.55-8	
	96	42	14.5	W81(※) - Y0.55-14.5	
	73	53	19	W81(※) - Y0.55-19	
	60	63	23	W81(※) - Y0.55-23	
	35	98	40	W81(※) - Y0.55-40	
	0.75kW				
	96	50	14.5	W61(※) - Y0.75-14.5	
	73	59	19	W61(※) - Y0.75-19	
	175	31	8	W81(※) - Y0.75-8	
	96	57	14.5	W81(※) - Y0.75-14.5	
	73	73	19	W81(※) - Y0.75-19	
	60	86	23	W81(※) - Y0.75-23	
	35	134	40	W81(※) - Y0.75-40	
	200	28	7	W91(※) - Y0.75-7	
	100	55	14	W91(※) - Y0.75-14	
	71	117	19.5	W91(※) - Y0.75-19.5	
	63	85	22	W91(※) - Y0.75-22	
	35	135	39	W91(※) - Y0.75-39	
1.1kW					
96	70	14.5	W61(※) - Y1.1-14.5 *		
73	87	19	W61(※) - Y1.1-19 *		
175	46	8	W81(※) - Y1.1-8		
96	83	14.5	W81(※) - Y1.1-14.5		
73	106	19	W81(※) - Y1.1-19		
60	126	23	W81(※) - Y1.1-23		
35	187	40	W81(※) - Y1.1-40		
200	40	7	W91(※) - Y1.1-7		
100	81	14	W91(※) - Y1.1-14		
71	112	19.5	W91(※) - Y1.1-19.5		
63	125	22	W91(※) - Y1.1-22		
35	197	39	W91(※) - Y1.1-39		

* 注：W41配80机座电机时，电机接口尺寸按71机座做；
W61配90机座电机时，电机轴尺寸按Φ19×40做；

选型参数表 Selection Table



		输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type	
W 系列 蜗 轮 减 速 机 直 联 电 机 W series worm gear units mounted motor directly 铸铁外壳, 4极电机 cast iron housing, 4-pole motor	1.5kW	175	63	8	W81(*) - Y1.5-8	
		96	114	14.5	W81(*) - Y1.5-14.5	
		73	137	19	W81(*) - Y1.5-19	
		60	163	23	W81(*) - Y1.5-23	
		35	245	40	W81(*) - Y1.5-40	
		200	56	7	W91(*) - Y1.5-7	
		100	111	14	W91(*) - Y1.5-14	
		71	153	19.5	W91(*) - Y1.5-19.5	
		63	170	22	W91(*) - Y1.5-22	
	35	255	39	W91(*) - Y1.5-39		
	2.2kW	175	91	8	W81(*) - Y2.2-8	*
		96	163	14.5	W81(*) - Y2.2-14.5	*
		73	202	19	W81(*) - Y2.2-19	*
		60	245	23	W81(*) - Y2.2-23	*
		200	81	7	W91(*) - Y2.2-7	
		100	163	14	W91(*) - Y2.2-14	
		71	220	19.5	W91(*) - Y2.2-19.5	
		63	245	22	W91(*) - Y2.2-22	
		35	386	39	W91(*) - Y2.2-39	
	3.0kW	175	126	8	W81(*) - Y3.0-8	*
		96	227	14.5	W81(*) - Y3.0-14.5	*
		200	111	7	W91(*) - Y3.0-7	
		100	222	14	W91(*) - Y3.0-14	
		71	305	19.5	W91(*) - Y3.0-19.5	
		63	340	22	W91(*) - Y3.0-22	
		35	500	39	W91(*) - Y3.0-39	
	4.0kW	175	166	8	W81(*) - Y4.0-8	*
		96	245	14.5	W81(*) - Y4.0-14.5	*
200		148	7	W91(*) - Y4.0-7		
100		280	14	W91(*) - Y4.0-14		
71		380	19.5	W91(*) - Y4.0-19.5		
63		445	22	W91(*) - Y4.0-22		

※有pd、pc、x、s、sh等五种结构可供选择(参见W13页)

(W13页) Five structures for selection: pd、pc、x、s、sh(see page W13)

* 注: W81配100, 112机座电机时, 电机接口尺寸按90机座做;

输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type
0.18kW			
15-75	26-13	13.5io	MB02-Y0.18-W41(*)-13.5
11-55	34-17	18io	MB02-Y0.18-W41(*)-18
7-35	42-21	26io	MB02-Y0.18-W41(*)-26
5-25	50-28	36io	MB02-Y0.18-W41(*)-36
0.37kW			
15-75	50-28	13.5io	MB04-Y0.37-W41(*)-13.5
11-55	50-36	18io	MB04-Y0.37-W41(*)-18
7-35	50-44	26io	MB04-Y0.37-W41(*)-26
14-70	58-29	14.5io	MB04-Y0.37-W61(*)-14.5
10-50	64-32	19io	MB04-Y0.37-W61(*)-19
5-25	90-60	37io	MB04-Y0.37-W61(*)-37
4-20	90-60	49io	MB04-Y0.37-W61(*)-49
0.55kW			
14-70	88-44	14.5io	MB07-Y0.55-W61(*)-14.5
10-50	90-48	19io	MB07-Y0.55-W61(*)-19
25-125	52-26	8io	MB07-Y0.55-W81(*)-8
13-65	92-46	14.5io	MB07-Y0.55-W81(*)-14.5
10-50	120-60	19io	MB07-Y0.55-W81(*)-19
8-40	140-70	23io	MB07-Y0.55-W81(*)-23
5-25	220-110	40io	MB07-Y0.55-W81(*)-40
0.75kW			
14-70	90-60	14.5io	MB07-Y0.75-W61(*)-14.5
10-50	90-66	19io	MB07-Y0.75-W61(*)-19
25-125	70-35	8io	MB07-Y0.75-W81(*)-8
13-65	126-63	14.5io	MB07-Y0.75-W81(*)-14.5
10-50	162-81	19io	MB07-Y0.75-W81(*)-19
8-40	192-96	23io	MB07-Y0.75-W81(*)-23
5-25	245-142	40io	MB07-Y0.75-W81(*)-40
28-140	62-31	7io	MB07-Y0.75-W91(*)-7
14-70	124-62	14io	MB07-Y0.75-W91(*)-14
10-50	171-85	19.5io	MB07-Y0.75-W91(*)-19.5
9-45	190-95	22io	MB07-Y0.75-W91(*)-22
5-25	300-150	39io	MB07-Y0.75-W91(*)-39
1.1kW			
25-125	104-52	8io	MB15-Y1.1-W81(*)-8
13-65	176-88	14.5io	MB15-Y1.1-W81(*)-14.5
10-50	226-113	19io	MB15-Y1.1-W81(*)-19
8-40	245-134	23io	MB15-Y1.1-W81(*)-23
5-25	245-210	40io	MB15-Y1.1-W81(*)-40
28-140	9-46	7io	MB15-Y1.1-W91(*)-7
14-70	182-91	14io	MB15-Y1.1-W91(*)-14
10-50	250-125	19.5io	MB15-Y1.1-W91(*)-19.5
9-45	280-140	22io	MB15-Y1.1-W91(*)-22
5-25	420-210	39io	MB15-Y1.1-W91(*)-39

※有pd、pc、x、s、sh等五种结构可供选择(参见W14页)

Five structures for selection:pd、pc、x、s、sh(see page W14)

变速机和蜗杆减速机都为铸铁外壳，4极电机 io=1.45、7.25

Speed variator combine with W worm gear units
cast iron housing for both, 4-pole motor, io=1.45~7.25

选型参数表
Selection Table



	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type	
<p>变速机与W系列蜗轮减速机组合</p> <p>变速机和蜗杆减速机都为铸铁外壳，4极电机io=1.45, 7.25</p> <p>Speed variator combine with W worm gear units cast iron housing for both, 4-pole motor, io=1.45~7.25</p>	<p>1.5kW</p> <p>25-125 142-71 8io MB15-Y1.5-W81(*)-8</p> <p>13-65 240-120 14.5io MB15-Y1.5-W81(*)-14.5</p> <p>10-50 245-154 19io MB15-Y1.5-W81(*)-19</p> <p>8-40 245-182 23io MB15-Y1.5-W81(*)-23</p> <p>5-25 245 40io MB15-Y1.5-W81(*)-40</p> <p>28-140 124-60 7io MB15-Y1.5-W91(*)-7</p> <p>14-70 248-124 14io MB15-Y1.5-W91(*)-14</p> <p>10-50 324-162 19.5io MB15-Y1.5-W91(*)-19.5</p> <p>9-45 360-180 22io MB15-Y1.5-W91(*)-22</p> <p>5-25 500-285 39io MB15-Y1.5-W91(*)-39</p>				<p>※有pd、pc、x、s、sh等五种结构可供选择(参见W14页)</p> <p>(W14 see page)</p>
	<p>2.2kW</p> <p>28-140 182-91 7io MB22-Y2.2-W91(*)-7</p> <p>14-70 345-173 14io MB22-Y2.2-W91(*)-14</p> <p>10-50 500-238 19.5io MB22-Y2.2-W91(*)-19.5</p> <p>9-45 500-266 22io MB22-Y2.2-W91(*)-22</p>				
	<p>3.0kW</p> <p>28-140 248-124 7io MB40-Y3.0-W91(*)-7</p> <p>14-70 498-249 14io MB40-Y3.0-W91(*)-14</p> <p>10-50 500-342 19.5io MB40-Y3.0-W91(*)-19.5</p>				
	<p>4.0kW</p> <p>28-140 312-156 7io MB40-Y4.0-W91(*)-7</p> <p>14-70 500-269 14io MB40-Y4.0-W91(*)-14</p>				

	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type	
※有 F1、F2 两种法兰安装形式(参见 W 15 页) 不带输出法兰时省略 Mounting position of flange: F1、F2(see pages W 15) omitted without flange	0.18kW				NMRV 系列蜗轮减速机直联电机 铸铝外壳, 4 极电机 NMRV worm gear units mounted motor directly cast aluminium housing, 4-pole motor
	187	7	7.5	NMRV ※ 30-Y0.18-7.5	
	140	9	10	NMRV ※ 30-Y0.18-10	
	93	13	15	NMRV ※ 30-Y0.18-15	
	70	17	20	NMRV ※ 30-Y0.18-20	
	56	21	25	NMRV ※ 30-Y0.18-25	
47	21	30	NMRV ※ 30-Y0.18-30		
23	39	60	NMRV ※ 40-Y0.18-60		
14	60	100	NMRV ※ 50-Y0.18-100		
0.25kW					
35	44	40	NMRV ※ 40-Y0.25-40		
17.5	72	80	NMRV ※ 50-Y0.25-80		
0.37kW					
187	16	7.5	NMRV ※ 40-Y0.37-7.5		
140	27	10	NMRV ※ 40-Y0.37-10		
93	28	15	NMRV ※ 40-Y0.37-15		
70	39	20	NMRV ※ 40-Y0.37-20		
56	39	25	NMRV ※ 40-Y0.37-25		
47	39	30	NMRV ※ 40-Y0.37-30		
28	80	50	NMRV ※ 50-Y0.37-50		
23	81	60	NMRV ※ 50-Y0.37-60		
17.5	115	80	NMRV ※ 63-Y0.37-80		
14	129	100	NMRV ※ 63-Y0.37-100		
0.55kW					
56	71	25	NMRV ※ 50-Y0.55-25		
47	81	30	NMRV ※ 50-Y0.55-30		
35	81	40	NMRV ※ 50-Y0.55-40		
28	124	50	NMRV ※ 63-Y0.55-50		
23	140	60	NMRV ※ 63-Y0.55-60		
17.5	180	80	NMRV ※ 75-Y0.55-80		
14	206	100	NMRV ※ 75-Y0.55-100		
0.75kW					
187	33	7.5	NMRV ※ 50-Y0.75-7.5		
140	42	10	NMRV ※ 50-Y0.75-10		
93	58	15	NMRV ※ 50-Y0.75-15		
70	81	20	NMRV ※ 50-Y0.75-20		
35	137	40	NMRV ※ 63-Y0.75-40		
28	156	50	NMRV ※ 75-Y0.75-50		
23	205	60	NMRV ※ 75-Y0.75-60		
17.5	285	80	NMRV ※ 90-Y0.75-80		
14	358	100	NMRV ※ 90-Y0.75-100		
1.1kW					
56	132	25	NMRV ※ 63-Y1.1-25		
47	167	30	NMRV ※ 63-Y1.1-30		
35	216	40	NMRV ※ 75-Y1.1-40		
14	473	100	NMRV ※ 110-Y1.1-100		

选型参数表
Selection Table



		输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type		
NMRV 系列 蜗轮减速机直联电机	铸铝外壳, 4极电机	1.5kW					※有 F1、F2 两种法兰安装形式(参见 W 15 页)不带输出法兰(三时省略)
		187	65	7.5	NMRV ※ 63-Y1.5-7.5		
		140	84	10	NMRV ※ 63-Y1.5-10		
		93	123	15	NMRV ※ 63-Y1.5-15		
		70	163	20	NMRV ※ 63-Y1.5-20		
		56	205	25	NMRV ※ 75-Y1.5-25		
		47	230	30	NMRV ※ 75-Y1.5-30		
		35	307	40	NMRV ※ 90-Y1.5-40		
		28	368	50	NMRV ※ 90-Y1.5-50		
		23	377	60	NMRV ※ 90-Y1.5-60		
17.5	493	80	NMRV ※ 110-Y1.5-80				
NMRV worm gear units mounted motor directly cast aluminium housing, 4-pole motor		2.2kW					
		23	583	60	NMRV ※ 110-Y2.2-60		
		3.0kW					
		140	170	10	NMRV ※ 75-Y3.0-10		
		93	216	15	NMRV ※ 75-Y3.0-15		
		56	400	25	NMRV ※ 90-Y3.0-25		
		47	450	30	NMRV ※ 90-Y3.0-30		
		35	601	40	NMRV ※ 110-Y3.0-40		
		28	624	50	NMRV ※ 110-Y3.0-50		
		4.0kW					
187	170	7.5	NMRV ※ 75-Y4.0-7.5				
140	225	10	NMRV ※ 90-Y4.0-10				
93	320	15	NMRV ※ 90-Y4.0-15				
70	377	20	NMRV ※ 90-Y4.0-20				
56	500	25	NMRV ※ 110-Y4.0-25				
47	597	30	NMRV ※ 110-Y4.0-30				
5.5kW							
93	465	15	NMRV ※ 110-Y5.5-15				
70	585	20	NMRV ※ 110-Y5.5-20				
7.5kW							
187	317	7.5	NMRV ※ 110-Y7.5-7.5				
140	423	10	NMRV ※ 110-Y7.5-10				

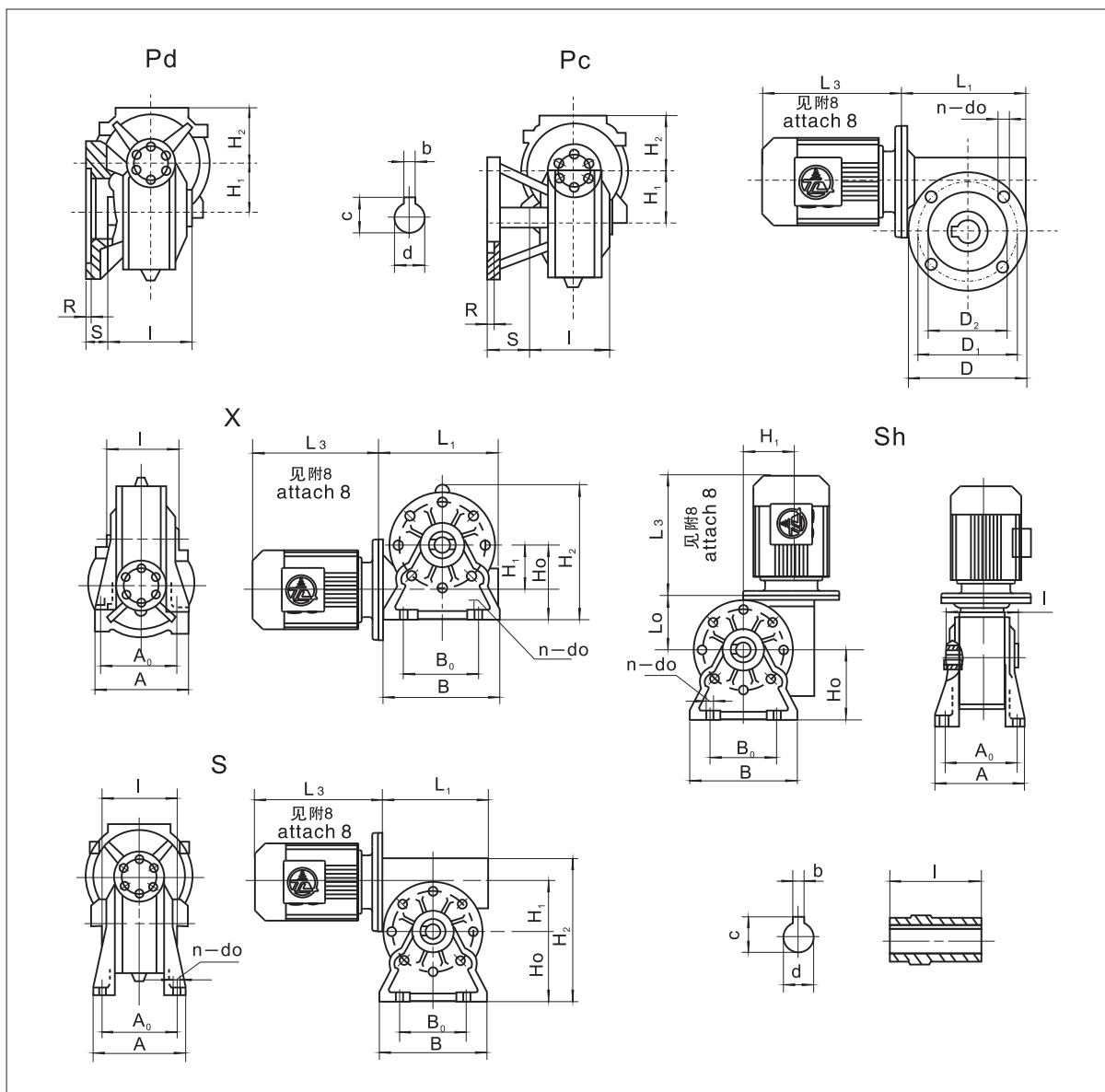
Mounting position of flange: F1、F2(see pages W 15 omitted without flange)

	输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type		
※有 F1、F2 两种法兰安装形式(参见 W16 页) 不带输出法兰时省略 Mounting position of flange: F1、F2(see page W16) omitted without flange	0.18kW					
	23-133	17-9	7.5io	MBQ02-Y0.18-NMRV ※ 30-7.5	变速机和蜗杆减速机都为铸铝外壳, 4 极电机 io=1.45~8.5 Speed variator combine with NMRV worm gear units cast aluminium housing for both, 4-pole motor, io=1.45~8.5	
	17-100	21-12	10io	MBQ02-Y0.18-NMRV ※ 30-10		
	12-66.5	21-17	15io	MBQ02-Y0.18-NMRV ※ 30-15		
	8.5-50	21	20io	MBQ02-Y0.18-NMRV ※ 30-20		
	0.25kW					
	23-133	20-10	7.5io	MBQ04-Y0.25-NMRV ※ 40-7.5		
	17-100	26-13	10io	MBQ04-Y0.25-NMRV ※ 40-10		
	12-66.5	39-20	15io	MBQ04-Y0.25-NMRV ※ 40-15		
	8.5-50	39-26	20io	MBQ04-Y0.25-NMRV ※ 40-20		
	6.8-40	39-33	25io	MBQ04-Y0.25-NMRV ※ 40-25		
	5.7-33	39	30io	MBQ04-Y0.25-NMRV ※ 40-30		
	6.8-40	66-33	25io	MBQ04-Y0.25-NMRV ※ 50-25		
	5.7-33	78-39	30io	MBQ04-Y0.25-NMRV ※ 50-30		
	4.2-25	81-52	40io	MBQ04-Y0.25-NMRV ※ 50-40		
	3.4-20	81-65	50io	MBQ04-Y0.25-NMRV ※ 50-50		
	2.8-16.6	81	60io	MBQ04-Y0.25-NMRV ※ 50-60		
	3.4-20	130-65	50io	MBQ04-Y0.25-NMRV ※ 63-50		
	2.8-16.6	156-78	60io	MBQ04-Y0.25-NMRV ※ 63-60		
	2.2-12.5	167-105	80io	MBQ04-Y0.25-NMRV ※ 63-80		
	1.7-10	167-130	100io	MBQ04-Y0.25-NMRV ※ 63-100		
	2.2-12.5	216-117	80io	MBQ04-Y0.25-NMRV ※ 75-80		
	1.7-10	216-142	100io	MBQ04-Y0.25-NMRV ※ 75-100		
	0.37kW					
	23-133	35-18	7.5io	MBQ04-Y0.37-NMRV ※ 40-7.5		
	17-100	39-24	10io	MBQ04-Y0.37-NMRV ※ 40-10		
	12-66.5	39	15io	MBQ04-Y0.37-NMRV ※ 40-15		
	6.5-40	81-50	25io	MBQ04-Y0.37-NMRV ※ 50-25		
	5.7-33	81-60	30io	MBQ04-Y0.37-NMRV ※ 50-30		
	4.2-25	81	40io	MBQ04-Y0.37-NMRV ※ 50-40		
	3.4-20	144-87	50io	MBQ04-Y0.37-NMRV ※ 63-50		
	2.8-16.6	165-97	60io	MBQ04-Y0.37-NMRV ※ 63-60		
	2.2-12.5	167-117	80io	MBQ04-Y0.37-NMRV ※ 63-80		
	1.7-10	167	100io	MBQ04-Y0.37-NMRV ※ 63-100		
	0.55kW					
	23-133	58-30	7.5io	MBQ07-Y0.55-NMRV ※ 50-7.5		
17-100	77-40	10io	MBQ07-Y0.55-NMRV ※ 50-10			
12-66.5	81-58	15io	MBQ07-Y0.55-NMRV ※ 50-15			
8.5-50	81	20io	MBQ07-Y0.55-NMRV ※ 50-20			
6.8-40	157-84	25io	MBQ07-Y0.55-NMRV ※ 63-25			
5.7-33	167-100	30io	MBQ07-Y0.55-NMRV ※ 63-30			
4.2-25	167-127	40io	MBQ07-Y0.55-NMRV ※ 63-40			
3.4-20	167-144	50io	MBQ07-Y0.55-NMRV ※ 63-50			
2.8-16.6	167	60io	MBQ07-Y0.55-NMRV ※ 63-60			
4.2-25	216-127	40io	MBQ07-Y0.55-NMRV ※ 75-40			
3.4-20	216-144	50io	MBQ07-Y0.55-NMRV ※ 75-50			
2.8-16.6	216-161	60io	MBQ07-Y0.55-NMRV ※ 75-60			
2.2-12.5	216	80io	MBQ07-Y0.55-NMRV ※ 75-80			
2.2-12.5	360-196	80io	MBQ07-Y0.55-NMRV ※ 90-80			
1.7-10	377-237	100io	MBQ07-Y0.55-NMRV ※ 90-100			
1.7-10	447-237	100io	MBQ07-Y0.55-NMRV ※ 110-100			

选型参数表
Selection Table



		输出转速 Output speed r/min	输出扭矩 Output torque Nm	传动比 Ratio i	机型号 Type Type	
<p style="writing-mode: vertical-rl; text-orientation: upright;">变速机与 NMRV 系列蜗轮减速机组合</p> <p style="writing-mode: vertical-rl; text-orientation: upright;">Speed variator combine with NMRV worm gear units</p> <p style="writing-mode: vertical-rl; text-orientation: upright;">变速机和蜗杆减速机都为铸铝外壳，4极电机 io=1, 1.45, 8.5</p> <p style="writing-mode: vertical-rl; text-orientation: upright;">cast aluminium housing for both, 4-pole motor, io=1, 1.45~8.5</p>	0.75kW					※有 F1、F2 两种法兰安装形式(参见 W16 页) (不带输出法兰时省略)
		23-133	70-37	7.5io	MBQ07-Y0.75-NMRV ※50-7.5	
		17-100	81-49	10io	MBQ07-Y0.75-NMRV ※50-10	
		12-66.5	81	15io	MBQ07-Y0.75-NMRV ※50-15	
		6.8-40	167-99	25io	MBQ07-Y0.75-NMRV ※63-25	
		5.7-33	167-120	30io	MBQ07-Y0.75-NMRV ※63-30	
		4.2-25	167	40io	MBQ07-Y0.75-NMRV ※63-40	
		4.2-25	216-153	40io	MBQ07-Y0.75-NMRV ※75-40	
		3.4-20	216-173	50io	MBQ07-Y0.75-NMRV ※75-50	
		2.8-16.6	216	60io	MBQ07-Y0.75-NMRV ※75-60	
		2.2-12.5	377-235	80io	MBQ07-Y0.75-NMRV ※90-80	
		1.7-10	377-284	100io	MBQ07-Y0.75-NMRV ※90-100	
		1.7-10	534-284	100io	MBQ07-Y0.75-NMRV ※110-100	
	1.1kW					
		23-133	86-43	7.5io	MBQ15-Y1.1-NMRV ※63-7.5	
		17-100	114-57	10io	MBQ15-Y1.1-NMRV ※63-10	
		12-66.5	167-86	15io	MBQ15-Y1.1-NMRV ※63-15	
		8.5-50	167-115	20io	MBQ15-Y1.1-NMRV ※63-20	
		6.8-40	167	25io	MBQ15-Y1.1-NMRV ※63-25	
		8.5-50	216-115	20io	MBQ15-Y1.1-NMRV ※75-20	
		6.8-40	216-143	25io	MBQ15-Y1.1-NMRV ※75-25	
		5.7-33	216	30io	MBQ15-Y1.1-NMRV ※75-30	
		4.2-25	377-230	40io	MBQ15-Y1.1-NMRV ※90-40	
		3.4-20	377-287	50io	MBQ15-Y1.1-NMRV ※90-50	
		2.8-16.6	377	60io	MBQ15-Y1.1-NMRV ※90-60	
		2.2-12.5	647-460	80io	MBQ15-Y1.1-NMRV ※110-80	
		1.7-10	647-575	100io	MBQ15-Y1.1-NMRV ※110-100	
	1.5kW					
		23-133	118-59	7.5io	MBQ15-Y1.5-NMRV ※63-7.5	
		17-100	156-78	10io	MBQ15-Y1.5-NMRV ※63-10	
		12-66.5	167-117	15io	MBQ15-Y1.5-NMRV ※63-15	
		8.5-50	167	20io	MBQ15-Y1.5-NMRV ※63-20	
		8.5-50	216-156	20io	MBQ15-Y1.5-NMRV ※75-20	
		6.8-40	216	25io	MBQ15-Y1.5-NMRV ※75-25	
		4.2-25	377-313	40io	MBQ15-Y1.5-NMRV ※90-40	
		2.2-12.5	647	80io	MBQ15-Y1.5-NMRV ※110-80	



W(pd, pc)–Y 蜗杆减速机组合外形及安装尺寸

Combinatorial overview and mounting dimensions for W(pd, pc)–Y worm gear units

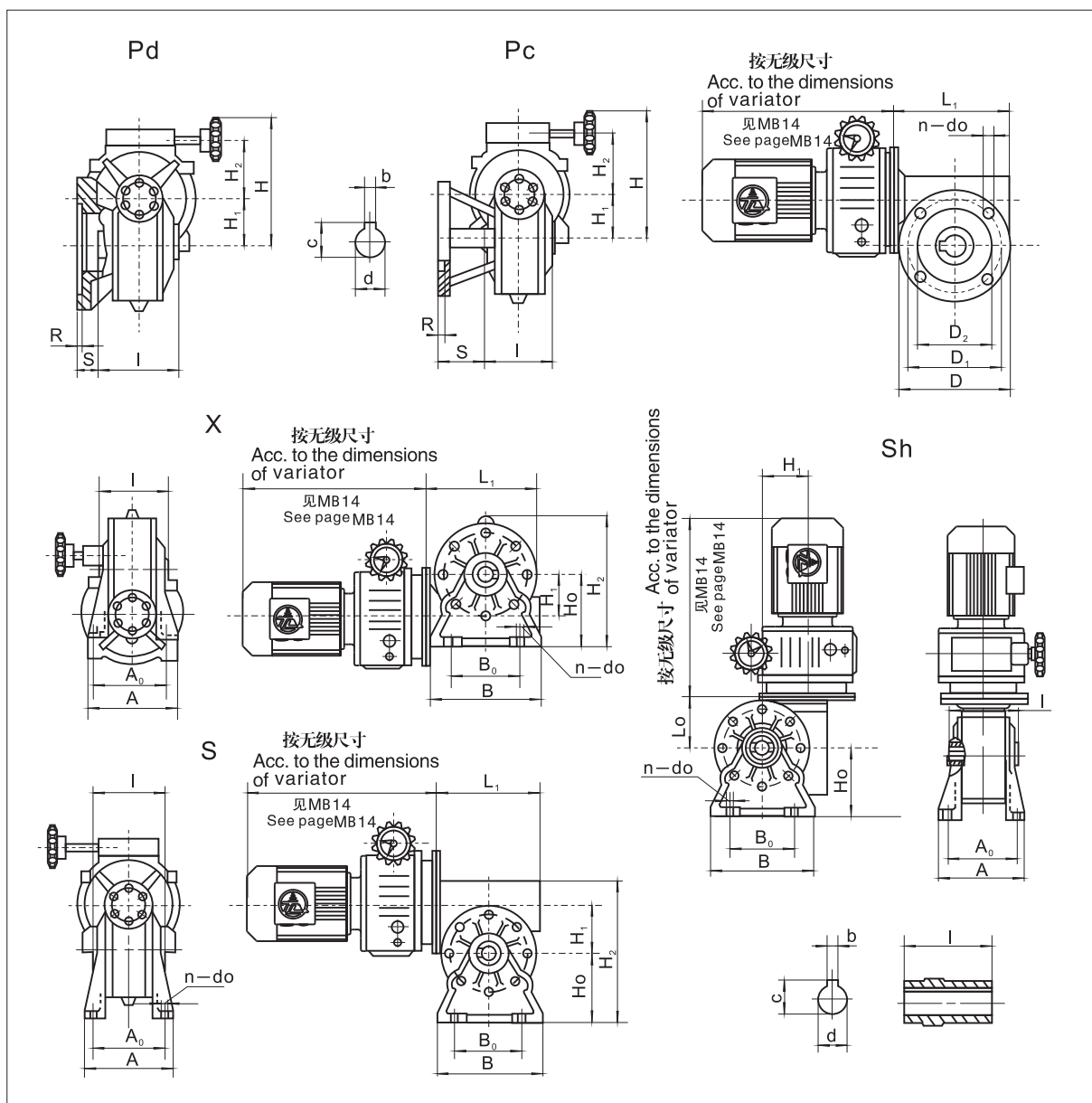
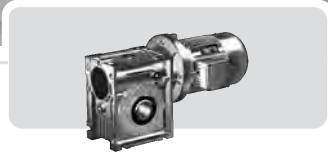
型号 Type	安装尺寸 Mounting dimension					输出轴 Output shaft				外形尺寸 Overview dimension					
	D_1	D_2	R	$\frac{pd}{S}$	pc	n	d_0	d	b	c	l	H_1	H_2	D	L_1
W41	105	70H8	3.5	-	44	4	9	25H7	8	28.3	82	49	125	125	129
W61	150	115H8	3.5	26	57	4	11	25H7	8	28.3	120	63	125	180	175
W81	180	152H8	4	40.5	80	4	13	35H7	10	38.3	140	87	125	210	235
W91	230	170H8	5	54	102	4	13	42H7	12	45.3	155	110	145	280	286

W(x, s, sh)–Y 蜗杆减速机组合外形及安装尺寸

Combinatorial overview and mounting dimensions for W(x, s, sh)–Y worm gear unit

型号 Type	中心高 Centre -height H_0	安装尺寸 Mounting dimension				输出轴 Output shaft				外形尺寸 Overview dimension						
		A_0	B_0	n	d_0	d	b	c	l	A	B	H_1	$\frac{x}{H_2}$	s	L_0	L_1
W41	82	98	64	4	9	25H7	8	28.3	82	124	110	49	138	162	65	129
W61	100	115	95	4	11	25H7	8	28.3	120	140	140	63	176	200	89	175
W81	142	146	140	4	13	35H7	10	38.3	140	182	200	86	248	280	119	235
W91	170	181	200	4	13	42H7	12	45.3	155	220	270	110	335	295	145	286

外形安装尺寸 Mounting Dimension Sheets-overview

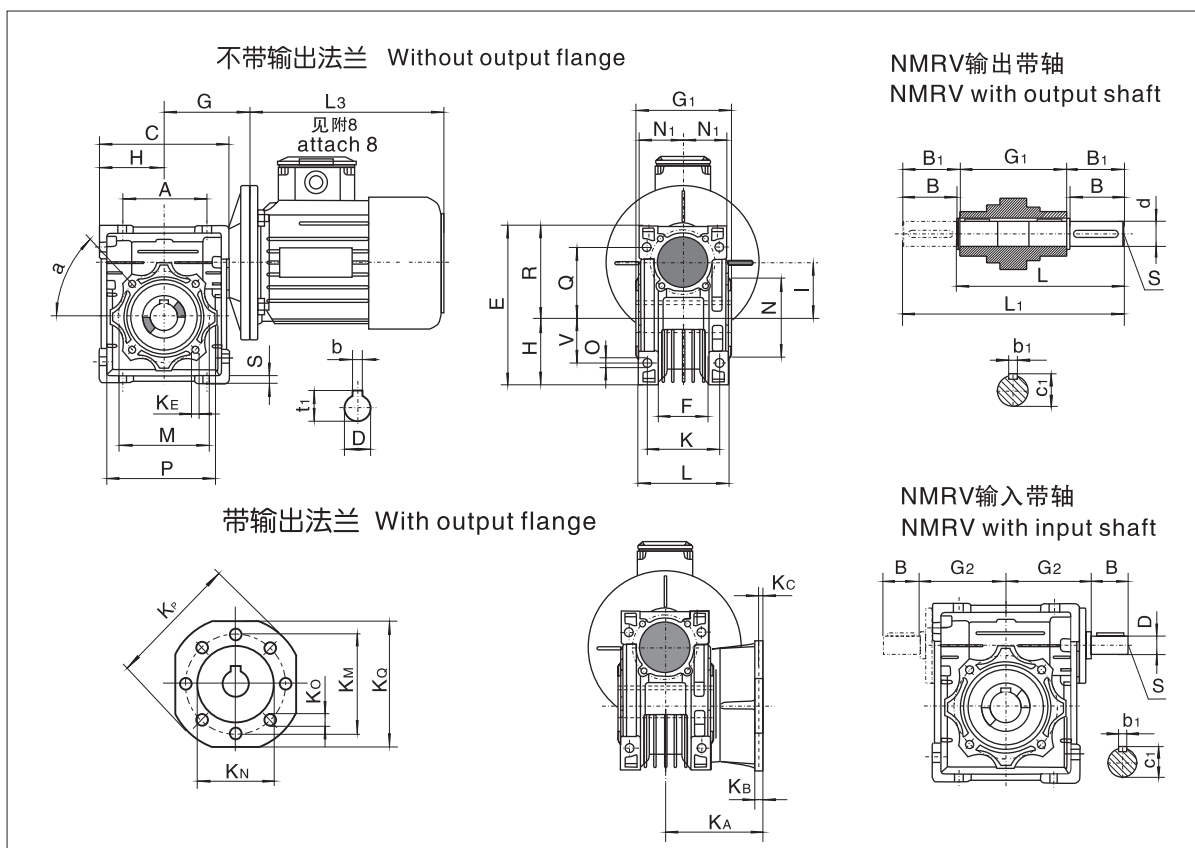


MB-Y-W(pd、pc)蜗杆减速机组外形及安装尺寸
Combinatorial overview and mounting dimensions for MB-Y-W(pd、pc) worm gear units

型号 Type	安装尺寸 Mounting dimension					输出轴 Output shaft					外形尺寸 Overview dimension					
	D ₁	D ₂	R	$\frac{pd}{S}$	pc	n	d ₀	d	b	c	l	H ₁	H ₂	H	D	L ₁
MB-W41	105	70H8	3.5	20	44	4	9	25H7	8	28.3	82	49	128	227	125	129
MB-W61	150	115H8	3.5	26	57	4	11	25H7	8	28.3	120	63	128	241	180	175
MB-W81	180	152H8	4	40.5	80	4	13	35H7	10	38.3	140	87	188	324	210	235
MB-W91	230	170H8	5	54	102	4	13	42H7	12	45.3	155	110	150	310	280	286

MB-Y-W(x、s、sh)蜗杆减速机组外形及安装尺寸
Combinatorial overview and mounting dimensions for MB-Y-W(x、s、sh) worm gear units

型号 Type	中心高 Centre -height H ₀	安装尺寸 Mounting dimension				输出轴 Output shaft				外形尺寸 Dimension of overview						
		A ₀	B ₀	n	d ₀	d	b	c	l	A	B	H ₁	$\frac{x}{H_2}$	s	L ₀	L ₁
MB-W41	82	98	64	4	9	25H7	8	28.3	82	124	110	49	138	162	65	129
MB-W61	100	115	95	4	11	25H7	8	28.3	120	140	140	63	176	200	89	175
MB-W81	142	146	140	4	13	35H7	10	38.3	140	182	200	86	248	280	119	235
MB-W91	170	181	200	4	13	42H7	12	45.3	155	220	270	110	335	295	145	286



NMRV蜗轮减速机外形及安装尺寸

Combinatorial overview and mounting dimensions for NMRV worm gear units

型号 Type	尺寸 Dimensions																	
	A	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	V	K
30	54	80	14H7	97	32	55	40	30	56	65	55h8	6.5	75	44	57	5.5	27	44
40	70	100	18/19H7	121.5	43	70	50	40	71	75	60h8	6.5	87	55	71	6.5	35	60
50	80	120	25H7	144	49	80	60	50	85	85	70h8	8.5	100	64	84	7	40	70
63	100	144	25H7	174	67	95	72	63	103	95	80h8	8.5	110	80	102	8	50	85
75	120	172	28H7	205	72	112.5	86	75	113	115	95h8	11	140	93	119	10	60	90
90	140	208	35H7	238	73	130	103	90	130	130	110h8	13	160	102	135	11	70	100
110	170	252.5	42H7	295	-	160	127.5	110	144	165	130h8	14	200	125	167.5	14	85	115

型号 Type	尺寸 Dimensions														
	G ₁	N ₁	K _A	K _B	K _C	K _E	a°	K _M	K _N	K _O	K _P	K _Q	b	t ₁	
30	63	29	54.5	6	4	M6x11(n.4)	0	68	50H8	6.5(4/90°)	80	70	5	16.3	
40	78	36.5	67	7	4	M6x8(n.4)	45	87	60H8	9(4/90°)	110	95	6	20.8/21.8	
50	92	43.5	90	9	5	M8x10(n.4)	45	90	70H8	11(4/90°)	125	110	8	28.3	
63	112	53	82	10	6	M8x10(n.8)	45	150	115H8	11(4/90°)	180	142	8	28.3	
75	118	57	111	13	6	M8x14(n.8)	45	165	130H8	14(4/90°)	200	170	8	31.3	
90	140	67	111	13	6	M10x18(n.8)	45	175	152H8	14(4/90°)	210	200	10	38.3	
110	155	74	139	15	6	M10x18(n.8)	45	220	170H8	14(8/45°)	270	250	12	45.3	

NMRV输出带轴/With output shaft

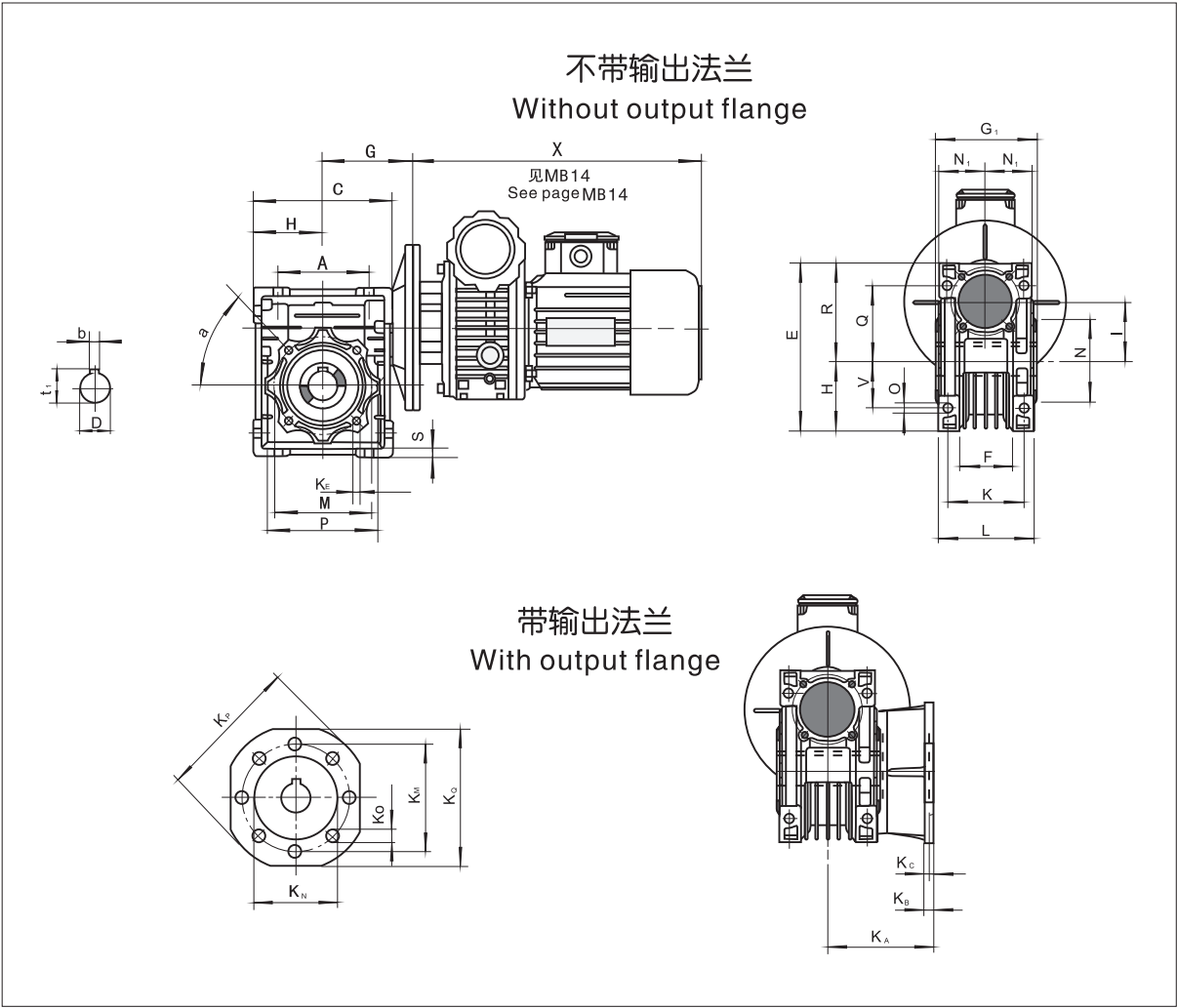
型号/Type	d(h6)	B	B ₁	G ₁	L	L ₁	S	b ₁	c ₁
30	14	30	32.5	63	102	128	M6	5	16
40	19	40	43	78	128	164	M6	6	21.5
50	25	50	53.5	92	153	199	M10	8	28
63	25	50	53.5	112	173	219	M10	8	28
75	28	60	63.5	120	192	247	M10	8	31
90	35	80	84.5	140	234	309	M12	10	38
110	42	80	84.5	155	249	324	M16	12	45

NMRV输入带轴/With input shaft

型号/Type	B	D(j6)	G ₂	S	b ₁	c ₁
30	20	9	51	-	3	10.2
40	23	11	60	-	4	12.5
50	30	14	74	M6	5	16
63	40	19	90	M6	6	21.5
75	50	24	105	M8	8	27
90	50	24	125	M8	8	27
110	60	28	142	M10	8	31

注：NMRV40有Φ18和Φ19两种输出内孔，订货时需注明

外形安装尺寸 Mounting Dimension Sheets-overview



MBQ-Y-NMRV蜗轮减速机组合外形及安装尺寸
Combinatorial overview and mounting dimensions for MBQ-Y-NMRV worm gear units

型号 Type	尺寸 Dimensions																	
	A	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	V	K
30	54	80	14H7	97	32	55	40	30	56	65	55h8	6.5	75	44	57	5.5	27	44
40	70	100	18/19H7	121.5	43	70	50	40	71	75	60h8	6.5	87	55	71	6.5	35	60
50	80	120	25H7	144	49	80	60	50	85	85	70h8	8.5	100	64	84	7	40	70
63	100	144	25H7	174	67	95	72	63	103	95	80h8	8.5	110	80	102	8	50	85
75	120	172	28H7	205	72	112.5	86	75	113	115	95h8	11	140	93	119	10	60	90
90	140	208	35H7	238	73	130	103	90	130	130	110h8	13	160	102	135	11	70	100
110	170	252.5	42H7	295	-	160	127.5	110	144	165	130h8	14	200	125	167.5	14	85	115

型号 Type	尺寸 Dimensions															X
	G ₁	N ₁	K _A	K _B	K _C	K _E	a°	K _M	K _N	K _O	K _P	K _Q	b	t ₁		
30	63	29	54.5	6	4	M6x11(n.4)	0	68	50H8	6.5(4/90°)	80	70	5	16.3	按所配变频器决定 Determine acc. to the variator	
40	78	36.5	67	7	4	M6x8(n.4)	45	87	60H8	9(4/90°)	110	95	6	20.8/21.8		
50	92	43.5	90	9	5	M8x10(n.4)	45	90	70H8	11(4/90°)	125	110	8	28.3		
63	112	53	82	10	6	M8x14(n.8)	45	150	115H8	11(4/90°)	180	142	8	28.3		
75	118	57	111	13	6	M8x14(n.8)	45	165	130H8	14(4/90°)	200	170	8	31.3		
90	140	67	111	13	6	M10x18(n.8)	45	175	152H8	14(4/90°)	210	200	10	38.3		
110	155	74	139	15	6	M10x18(n.8)	45	220	170H8	14(8/90°)	270	250	12	45.3		