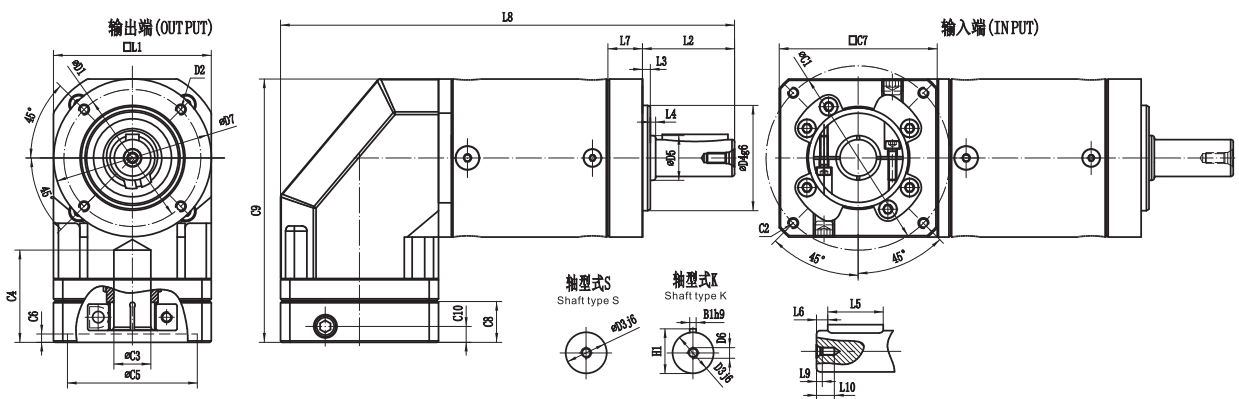




DIMENSION
DOUBLE SECTION

● 尺寸 (双节, 减速比 i=15~200) Dimension(double stage,Ratio i=15~200)

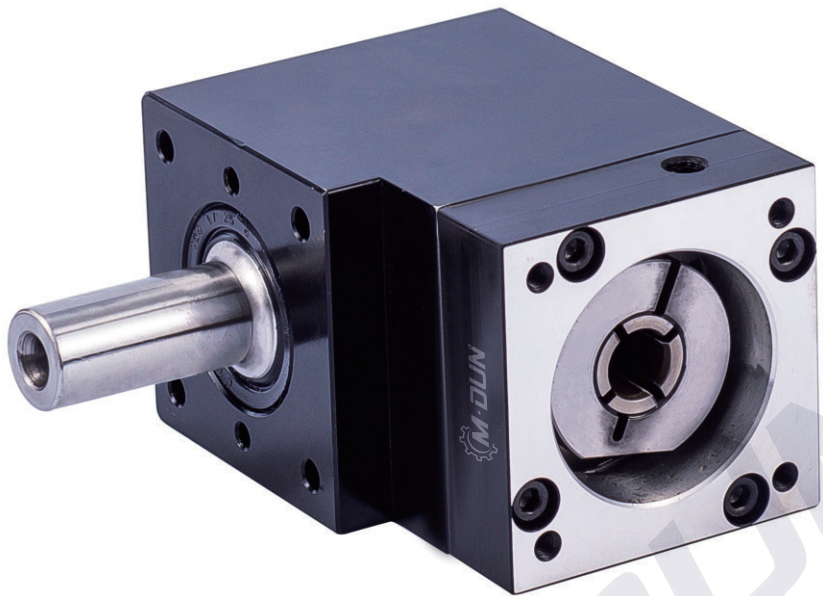
尺寸/Dimension	MPLR042	MPLR060	MPLR080	MPLR120	MPLR160
D1	—	52	70	100	145
D2	—	M5	M6	M10	M12
D3	—	14	20	25	40
D4	—	40	60	80	130
D5	—	17	25	35	55
D6	—	M5	M6	M10	M12
D7	—	60	80	115	162
L1	—	60	80	115	142
L2	—	35	40	55	87
L3	—	3	3	4	5
L4	—	2	1	1	2
L5	—	25	25	40	65
L6	—	2.5	5	5	5
L7	—	13	21.5	40.5	32.5
L8	—	172.5	228.5	288	388.5
L9	—	4.8	5	7.5	9.5
L10	—	12	18	23	25
C1	—	70	90	145	200
C2	—	M4	M5	M8	M12
C3	—	6~14	14~19	16~24	22~35
C4	—	35	54	81	81
C5	—	50	70	110	114.3
C6	—	3.5	6	14	19
C7	—	60	80	130	180
C8	—	16	30	45.5	57.5
C9	—	100	137	192	246.5
C10	—	9.5	14.5	27	32
B1h9	—	5	6	8	12
H1	—	16	22.5	28	43



MR Series Right-angle Gearbox
系列转角减速机

PRODUCT
FEATURESS
产品特点

- ☆ MR系列采用蜗线伞型齿轮设计。
- ☆ 背隙可根据客户要求调整。
- ☆ 低噪音等特性。
- ☆ 精巧的外壳设计可搭配任何方向定位。
- ☆ 安装容易，能配合多种马达或加装减速机。
- ☆ 多样式输出 (空心输出、实心输出、双向输出)。
- ☆ 全密封结构、免维护。
- ☆ MR series adopts worm bevel gear design.
- ☆ The backlash can adjust according customers' requirements.
- ☆ Lower noise.
- ☆ The delicate shell design can be matched with any direction.
- ☆ Easy installation,can multi-match each motor or gearbox.
- ☆ Multiple output(hollow output,solid output or dial output).
- ☆ Multiple output,maintance-free.



PERFORMANCE DATA OF

SPEED REDUCER

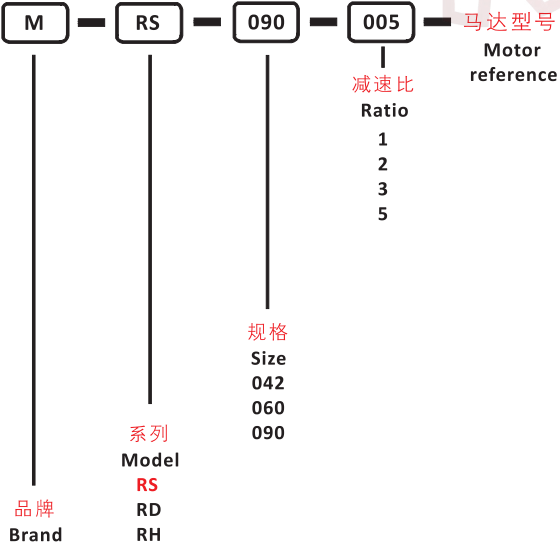
● 减速机性能资料 /Performance

减速机型号/Model	MRS/MRH/MRD042			MRS/MRH/MRD060				MRS/MRH/MRD090			
外框尺寸/Frame size	□42			□60				□90			
减速比/Reduction ratio	2	3		1	2	3	5	1	2	3	5
额定输出扭矩/Rated output torque	12	10		20	18	15	12	52	45	36	26
最大输出扭矩/Maximum output torque				2倍额定输出扭矩 /2 times rated output torque							
额定输入转速/ Rated input speed	1500rpm			1000rpm							
最大输入转速 /Maximum input speed											
背隙/Backlash	背隙可调 /Adjustable backlash										
容许径向负载 /Allowable radial load	300N			500N				1200N			
容许轴向负载/Allowable axial load	150N			200N				500N.			
输入轴径/ Input shaft size	≤11 / ≤12 (mm)			14 / ≤16 (mm)				≤19 / ≤24 (mm)			
转动惯量 / Rotational Inertia	0.02kg • [cm] ²			0.06kg • [cm] ²				0.4kg • [cm] ²			
扭转刚性/Torsional rigidity	1.2Nm/arc min			1.5Nm/arc min				5Nm/arc min			
额定寿命/Rated lifespan	10000h (额定负载及额定输入转速条件下/Condition under rated load and rated input speed)										
效率 /Efficiency	95%										
工作温度/Working Temperature	- 10℃ ~ 80℃										
旋转方向/Rotation direction	与输入轴相反 /Opposite with the input shaft										
防护等级/Protection Level	IP65										
润滑方式/Lubricating method	脂润滑 /Grease Lubrication										
安装方向/Installation direction	任意方向 /In any direction										
噪音/Noise Level	≤65dB(A)			≤68dB(A)				≤69dB(A)			
重量/Weight	0.7Kg			1.3Kg				4.1Kg			

INDICATION FOR MODEL

SELECTION

● 机种型号表示

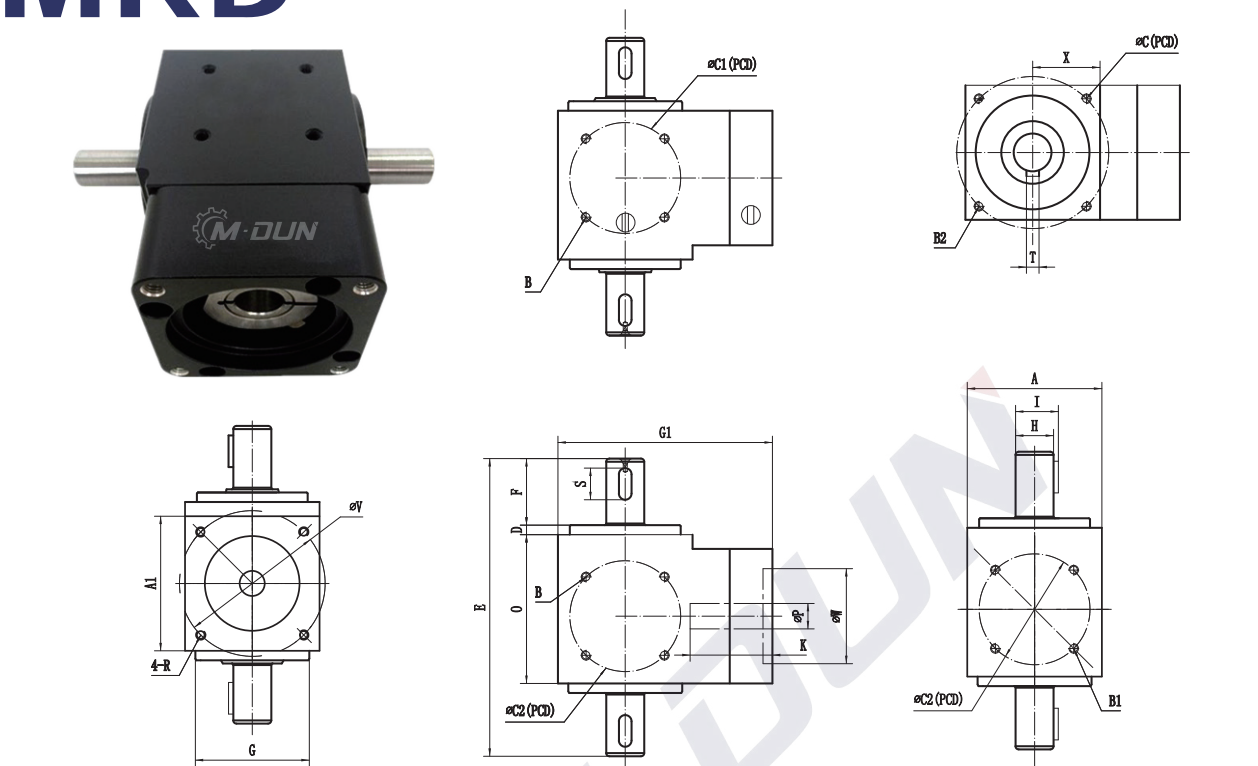


GENERAL NOTICES

● 订货须知

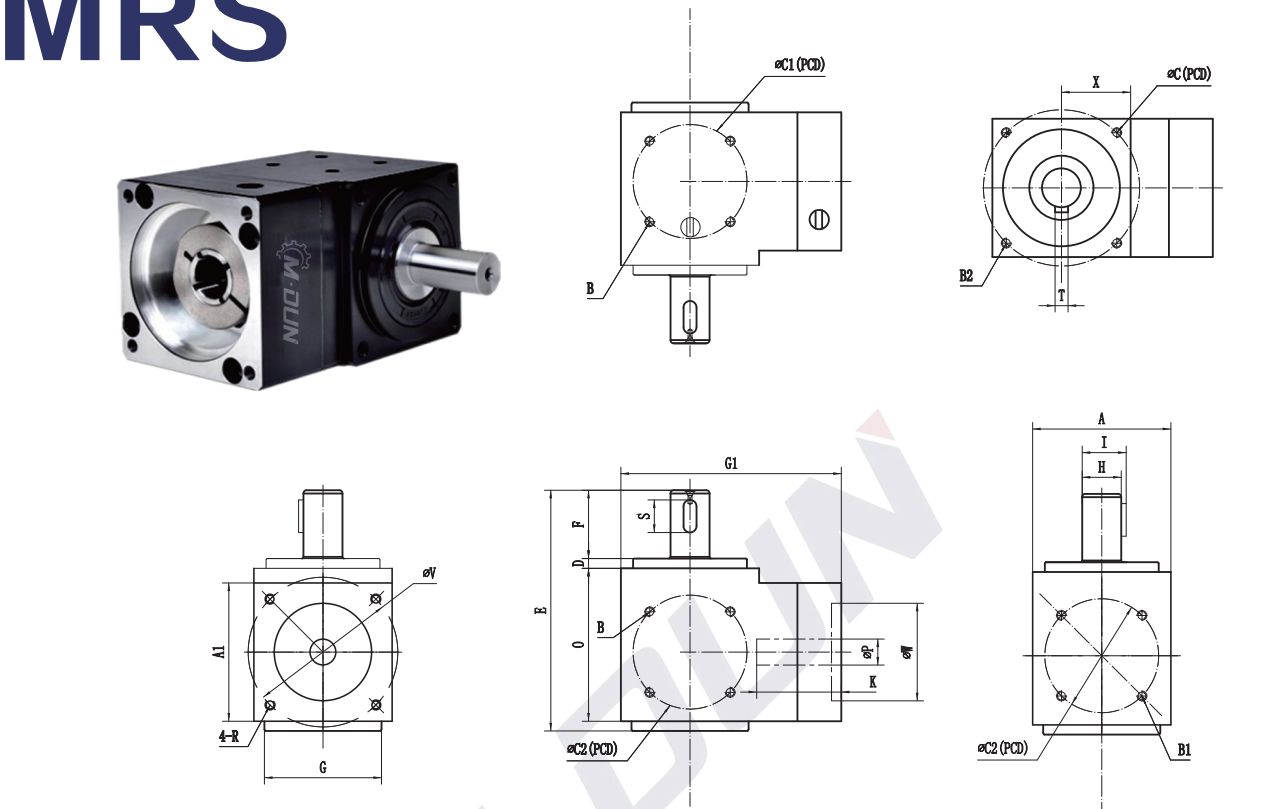
- 机种、型号、扭矩
- 减速比或出力轴转速
- 工况及连接方式
- 数量及安装的机械名称
- 入力方式和入力转速
- 马达厂牌型号或法兰及马达轴尺寸
- Type, model and torque
- Ratio or output speed
- Working conditions and connection methods
- Quantity and installed machine name
- Input mode and input speed
- Motor brand model or flange and motor shaft size

MRD



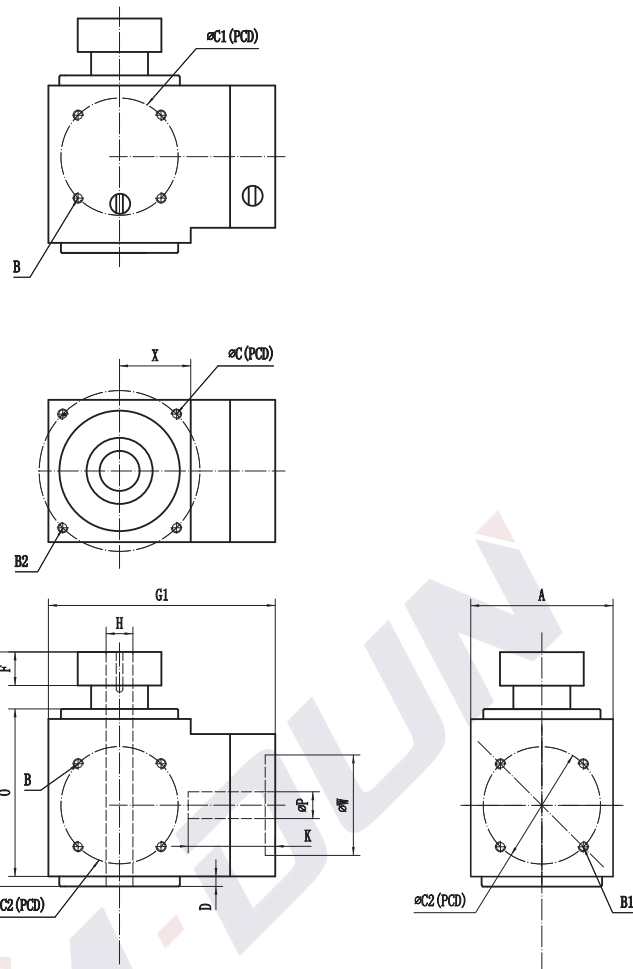
尺寸/Size	MRD04202/03	MRD06001/02/03/05	MRD09001/02/03/05
A	42.5	60	90
A1	42.5	60	90
B	4-M3深/Depth4	4-M4深/Depth5	4-M5深/Depth8
B1	4-M3深/Depth4	4-M4深/Depth5	4-M5深/Depth8
B2	4-M3深/Depth6	4-M5深/Depth10	4-M6深/Depth12
C	48	70	100
C1	42	46	70
C2	35	36	60
D	3	3	3
E	94	125	170
F	21	27	35
G	36	52	80
G1	68	98	129
H	12	14	19
I	13.5	16	21.8
K	26	34	41
O	47	64	93.5
S	10	16	25
T	4	5	6
X	21.25	30	45

MRS



尺寸/Size	MRS04202/03	MRS06001/02/03/05	MRS09001/02/03/05
A	42.5	60	90
A1	42.5	60	90
B	4-M3深/Depth4	4-M4深/Depth5	4-M5深/Depth8
B1	4-M3深/Depth4	4-M4深/Depth5	4-M5深/Depth8
B2	4-M3深/Depth6	4-M5深/Depth10	4-M6深/Depth12
C	48	70	100
C1	42	46	70
C2	35	36	60
D	3	3	3
E	74	97	136.5
F	21	27	35
G	36	52	80
G1	68	98	129
H	12	14	19
I	13.5	16	21.8
K	26	34	41
O	47	64	93.5
S	10	16	25
T	4	5	6
X	21.25	30	45

MRH



尺寸/Size	MRH04202/03	MRH06001/02/03/05	MRH09001/02/03/05
A	42.5	60	90
A1	42.5	60	90
B	4-M3深/Depth4	4-M4深/Depth5	4-M5深/Depth8
B1	4-M3深/Depth4	4-M4深/Depth5	4-M5深/Depth8
B2	4-M3深/Depth6	4-M5深/Depth10	4-M6深/Depth12
C	48	70	100
C1	42	46	70
C2	35	36	60
D	3	3	3
E	65.5	88	125
F	8	10	16
G	36	52	80
G1	68	98	129
H	8	14	20
I	25	34	54
K	26	34	50
O	47	64	93.5
T	12.5	18	25
X	21.25	30	45



中空旋转平台 Hollow Rotating Platform

PRODUCT FEATURESS
产品特点

- ☆ 旋转面可直接连接工作零件，提升安装的方便性。
The rotary surface can be connected to the working parts directly which improved the convenience of installation
- ☆ 高精度，重复定位精度可达±15arcsec。
High precision, repeated positioning accuracy can reach to 15 arcsec
- ☆ 中空式的设计，配线配管都方便使用。
Hollow design, very convenient for go through the line
- ☆ 可搭载各种厂家的伺服和步进电机。
Can be equipped with various manufacturers of servo and step motor
- ☆ 大口径中空旋转平台中空径最大Φ100mm
The maximum diameter of the large diameter hollow rotating platform is 100mm