

行星式齒輪箱 Planetary Gear



IG-62R

型式	行星式	Type	Planetary gear
外殼材質	金屬	Housing	metal
馬達搭配	DM-4522	Motor match	DM-4522
無負荷背隙	$\leq 3^\circ$	No load backlash	$\leq 3^\circ$
輸出軸承型式	滾珠軸承	Bearing at output	ball bearings
徑向負荷	≤ 25 kg-f	Radial load	≤ 25 kg-f
軸向負荷	≤ 10 kg-f	Shaft axial load	≤ 10 kg-f
主軸最大承受壓入力	≤ 50 kg-f	Max shaft press fit force	≤ 50 kg-f
徑向間隙	≤ 0.08 mm	Radial play of shaft	≤ 0.08 mm
軸向間隙	≤ 0.4 mm	Thrust play of shaft	≤ 0.4 mm
轉向	CW / CCW	Direction	CW / CCW
使用溫度 / 溼度	-15C~60C / RH85% ↓	Using temp. / humidity	-15C~60C / RH85% ↓
防護等級	IP545	Grade of protection	IP545
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標準減速比型式 Gear Head Specifications

減速比	精確減速比	定格容許扭力	瞬間容許扭力	效率	L	重量
Reduction ratio	Exact reduction ratio	Rated tolerance torque	Max momentary tolerance torque	Efficiency		Weight(g)
1/3,1/4	3 1/2 , 4 1/3	15 kgf-cm Max.	45 kgf-cm	80%	43.6	670
1/12,1/15	12 1/4 , 15 1/6	50 kgf-cm Max.	150 kgf-cm	70%	59.1	940
1/9	18 7/9	50 kgf-cm Max.	150 kgf-cm	70%	59.1	940
1/43,1/53,1/66	42 7/8 , 53 1/12 , 65 13/18	100 kgf-cm Max.	300 kgf-cm	60%	74.6	1220
1/81,1/100	81 10/27 , 100 2/7	100 kgf-cm Max.	300 kgf-cm	60%	74.6	1220
1/113	112 2/3	15 kgf-cm Max.	300 kgf-cm	60%	74.6	1220
1/150	150 1/16	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500
1/230,1/285	230 1/36 , 284 43/54	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500
1/353,1/488	352 49/81 , 488 2/9	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500
1/546,1/676	546 , 676	100 kgf-cm Max.	300 kgf-cm	50%	90.1	1500

IG行星齒輪箱尺寸圖 IG Planetary Gear Appearance Size

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