

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	$\leq 25 \text{ kg-f}$	Radial load	$\leq 25 \text{ kg-f}$
軸向負荷	$\leq 10 \text{ kg-f}$	Shaft axial load	$\leq 10 \text{ kg-f}$
主軸最大承受壓入力	$\leq 50 \text{ kg-f}$	Max shaft press fit force	$\leq 50 \text{ kg-f}$
徑向間隙	$\leq 0.08 \text{ mm}$	Radial play of shaft	$\leq 0.08 \text{ mm}$
軸向間隙	$\leq 0.4 \text{ mm}$	Thrust play of shaft	$\leq 0.4 \text{ mm}$
轉向	CW / CCW	Direction	CW / CCW
使用溫度 / 溼度	$-15^\circ\text{C} \sim 60^\circ\text{C} / \text{RH}85\% \downarrow$	Using temp. / humidity	$-15^\circ\text{C} \sim 60^\circ\text{C} / \text{RH}85\% \downarrow$
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 Reduction ratio	精確減速比 Exact reduction ratio	定格容許扭力 Rated tolerance torque	瞬間容許扭力 Max momentary tolerance torque	效率 Efficiency	L	重量 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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