



IG-71R

型式	行星式	Type	Planetary gear
外殼材質	金屬	Housing	metal
馬達搭配	DM-5025 / DM-5030	Motor match	DM-5025 / DM-5030
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	-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 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)
1/4	3 1/2	15 kgf-cm Max.	45 kgf-cm	80%	49.3	900
1/13,1/16	13 2/9, 16	70 kgf-cm Max.	210 kgf-cm	70%	65.8	1230
1/20	19 17/21	70 kgf-cm Max.	210 kgf-cm	70%	65.8	1230
1/50,1/60,1/75	49 77/81, 60 4/9, 74 158/189	125 kgf-cm Max.	375 kgf-cm	60%	82.3	1560
1/91,1/102	90 82/147, 101 10/13	125 kgf-cm Max.	375 kgf-cm	60%	82.3	1560
1/126	126	125 kgf-cm Max.	375 kgf-cm	60%	82.3	1560
1/189,1/242	188 512/729, 242 8/117	125 kgf-cm Max.	375 kgf-cm	50%	98.8	1900
1/300,1/363	299 19/27, 362 2/3	125 kgf-cm Max.	375 kgf-cm	50%	98.8	1900
1/414	413 1007/1029	125 kgf-cm Max.	375 kgf-cm	50%	98.8	1900
1/493,1/543	493 32/169, 543 51/147	125 kgf-cm Max.	375 kgf-cm	50%	98.8	1900
1/611	610 24/39	125 kgf-cm Max.	375 kgf-cm	50%	98.8	1900

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

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