



## IG-70S

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	≤ 3°	No load backlash	≤ 3°
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	≤ 0.4mm	Thrust play of shaft	≤ 0.4mm
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%	47.3	780
1/13,1/16	13 2/9 , 16	70 kgf-cm Max.	210 kgf-cm	70%	63.8	1110
1/20	19 17/21	70 kgf-cm Max.	210 kgf-cm	70%	63.8	1110
1/50,1/60,1/75	49 77/81 , 60 4/9 , 74 158/189	125 kgf-cm Max.	375 kgf-cm	60%	80.3	1440
1/91,1/102	90 82/147 , 101 10/13	125 kgf-cm Max.	375 kgf-cm	60%	80.3	1440
1/126	126	125 kgf-cm Max.	375 kgf-cm	60%	80.3	1440
1/189,1/242	188 512/729 , 242 8/117	125 kgf-cm Max.	375 kgf-cm	50%	96.8	1780
1/300,1/363	299 19/27 , 362 2/3	125 kgf-cm Max.	375 kgf-cm	50%	96.8	1780
1/414	413 1007/1029	125 kgf-cm Max.	375 kgf-cm	50%	96.8	1780
1/493,1/543	493 32/169 , 543 51/147	125 kgf-cm Max.	375 kgf-cm	50%	96.8	1780
1/611	610 24/39	125 kgf-cm Max.	375 kgf-cm	50%	96.8	1780

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

IG70-S

