



## IG-80S

型式 Type	行星式 Planetary gear
外殼材質 Housing	金屬 metal
馬達搭配 Motor match	DM5230 / DM5250
無負荷背隙 No load backlash	$\leq 3^\circ$
輸出軸承型式 Bearing at output	滾珠軸承 Ball bearings
徑向負荷 Radial load	$\leq 30 \text{ kg-f}$
軸向負荷 Shaft axial load	$\leq 10 \text{ kg-f}$
主軸最大承受壓入力 Max shaft press fit force	$\leq 75 \text{ kg-f}$
徑向間隙 Radial play of shaft	$\leq 0.08 \text{ mm}$
軸向間隙 Thrust play of shaft	$\leq 0.4 \text{ mm}$
轉向 Direction	CW / CCW
使用溫度 / 溼度 Using temp. / humidity	-15C~60C / RH85%↓
防護等級 Grade of protection	IP545

### 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	長度 Length(L)	重量 Weight(g)
1/4	3 17/21	15 kgf-cm Max.	45 kgf-cm	80%	49.3	1100
1/13,1/15	12 4/5, 14 226/441	70 kgf-cm Max.	210 kgf-cm	70%	65.8	1579
1/19,1/21	18 198/325, 21 9/91	70 kgf-cm Max.	210 kgf-cm	70%	65.8	1570
1/49,1/55	48 16/21, 55 2645/9261	125 kgf-cm Max.	375 kgf-cm	60%	82.3	2040
1/71,1/80	70 58/65, 80 240/637	125 kgf-cm Max.	375 kgf-cm	60%	82.3	2040
1/103,1/117	103 281/4225, 116 1012/1183	125 kgf-cm Max.	375 kgf-cm	50%	82.3	2040
1/186,1/210	186 335/441, 116 1012/1183	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510
1/306,1/393	306 2638/13377, 392 536/845	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510
1/445,1/571	445 1355/8281, 570 45582/54925	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510
1/647	647 3067/15379	150 kgf-cm Max.	450 kgf-cm	50%	98.8	2510

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