



## DM-5230

額定電壓	DC12 / DC24 / DC90 / DC180 V
額定轉速	2000 / 3200 r/min
額定輸出	40 / 60 W
重量	1680 g
齒輪箱搭配	IG-80R / IG-80S
轉向	CW / CCW
噪音	50cm – 50db
使用溫度 / 濕度	-15C~60C / RH85%↓
防護等級	IP545
絕緣等級	E
絕緣抗壓	500V / 3mA – 60sec
絕緣阻抗	10MΩ>

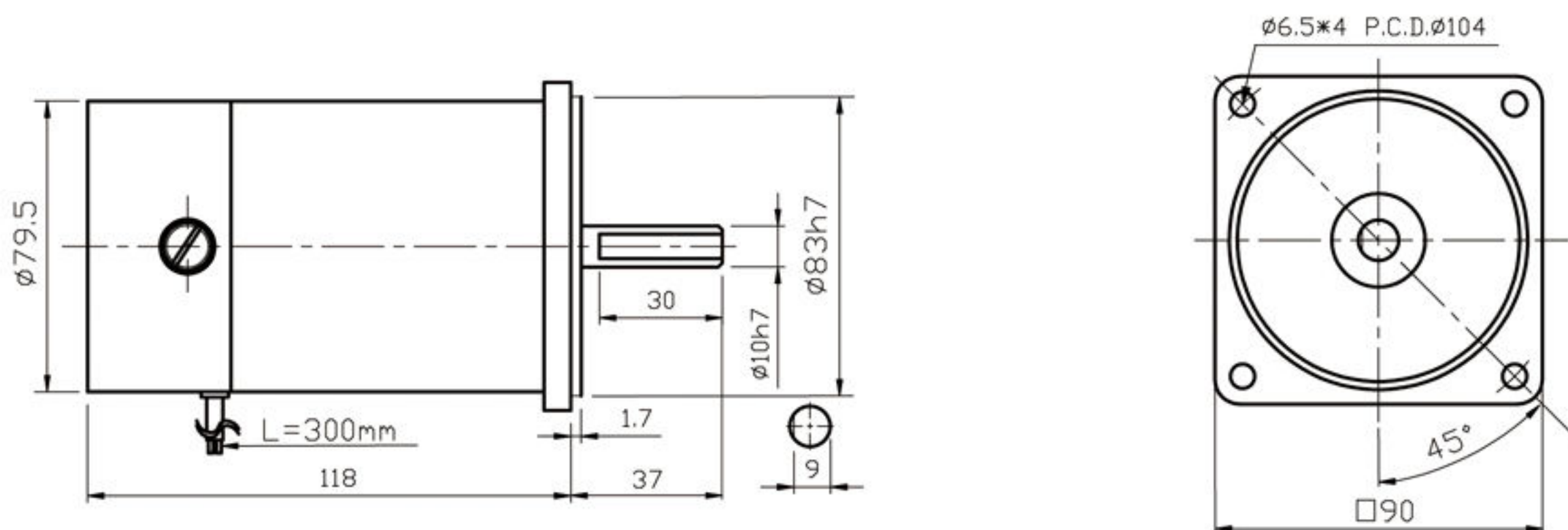
Rated voltage	DC12 / DC24 / DC90 / DC180 V
Rated R.P.M	2000 / 3200 r/min
Rated output power	40 / 60 W
Weight	1680 g
Gear head match	IG-80R / IG-80S
Direction	CW / CCW
Noise	50cm – 50db
Using temp. / humidity	-15C~60C / RH85%↓
Grade of protection	IP545
Insulation class	E
Voltage resistance	500V / 3mA – 60sec
Insulation resistance	10MΩ>

## 直流永磁馬達 D.C. Permanent Magnet Motor

### 規格表 Specification

馬達規格 / Motor Specifications			12		24		90		180	
額定電壓	Rated voltage	V								
空載轉速	No load R.P.M	R.P.M.	2000	3200	2000	3200	2000	3200	2000	3200
額定功率	Rated power	W	40	60	40	60	40	60	40	60
停動扭力	Stall torque	kgf-cm	12.9	18.8	13.2	19.2	14	20.8	13.86	22.3
空載電流	No load current	A	0.81	0.92	0.43	0.48	0.35	0.35	0.34	
啟動電流	Starting current	A	23.9	44.32	11.07	27.54	3.86	8.5	1.96	3.12
最大容許迴轉速	Max permissible speed	R.P.M.	2400	3800	2400	3800	0.34	3800	2400	3800
最大連續電流	Max. continuous current	A	4.33	7.12	2.2	3.15	0.89	1.42	0.56	0.98
最大連續扭力	Max. continuous torque	kgf-cm	2.63	1.81	2.52	1.97	2.28	1.88	2.3	1.89
額定電壓時最大功率	Rated voltage max power	W	60	90	60	90	60	90	60	90
最大效率	Max efficiency	%	78%	79%	71%	75%	50%	59%	46%	54%
扭力係數	Torque constant	kgf-cm/A	0.73	0.49	1.20	0.70	3.63	2.79	7.07	4.09
端子間阻抗	Terminal resistance phase to phase	Ohm	0.38	0.09	2.3	0.8	24.8	8.86	91.2	30.02
端子間電阻抗	Terminal inductance between phase	Mh	0.78	0.32	7.5	2.6	83.4	25.66	380	135
轉速電壓係數	Speed constant	rpm/V	166.7	266.7	83.3	133.3	22.2	35.6	11.1	17.8

### 尺寸圖 Appearance size



### 動力測試圖 R.P.M performace curve

