



## DM-5030

額定電壓	DC12 / DC24 / DC90 V	Rated voltage	DC12 / DC24 / DC90 V
額定轉速	2000 / 3200 r/min	Rated R.P.M	2000 / 3200 r/min
額定輸出	25 / 40 W	Rated output power	25 / 40 W
重量	1240 g	Weight	1240 g
齒輪箱搭配	IG-71R / IG-70S	Gear head match	IG-71R / IG-70S
轉向	CW / CCW	Direction	CW / CCW
噪音	50cm – 50db	Noise	50cm – 50db
使用溫度 / 濕度	-15C~60C / RH85%↓	Using temp. / humidity	-15C~60C / RH85%↓
防護等級	IP545	Grade of protection	IP545
絕緣等級	E	Insulation class	E
絕緣抗壓	500V / 3mA – 60sec	Voltage resistance	500V / 3mA – 60sec
絕緣阻抗	10MΩ>	Insulation resistance	10MΩ>

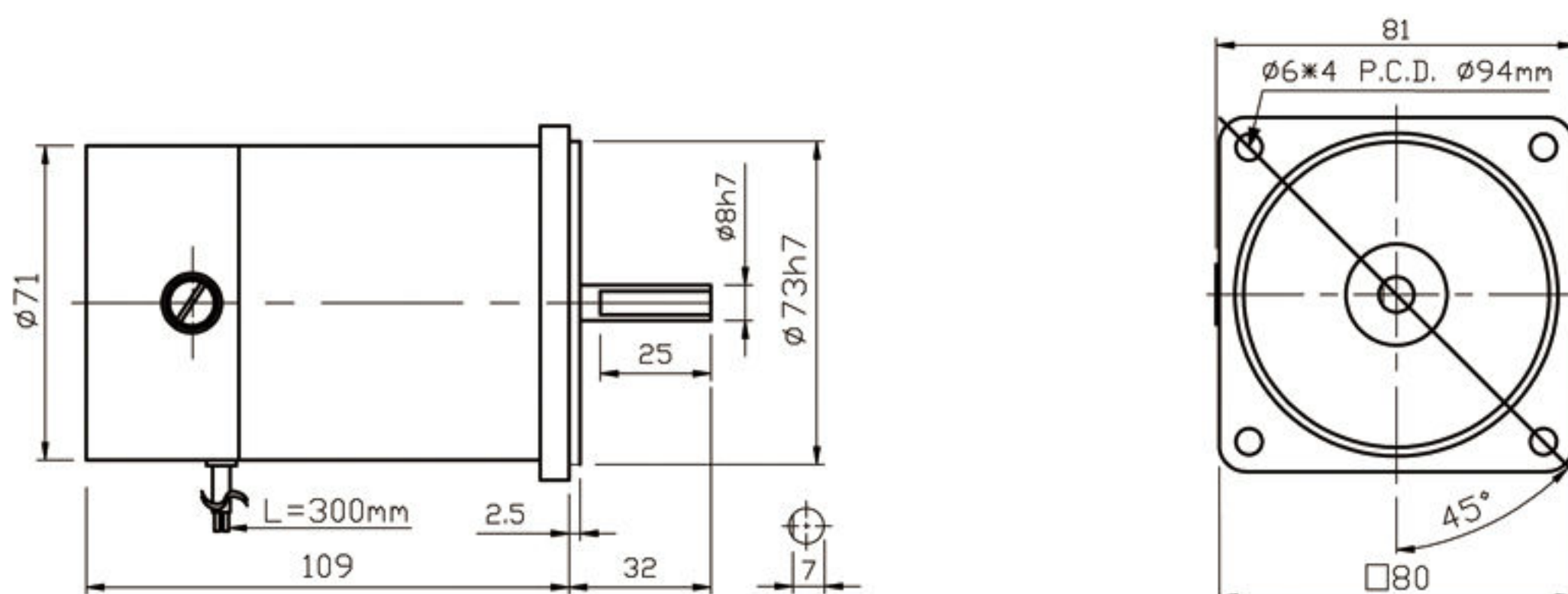


## 直流永磁馬達 D.C. Permanent Magnet Motor

### 規格表 Specification

馬達規格 / Motor Specifications		V	12		24		90	
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
額定功率	Rated power	W	25	40	25	40	25	40
停動扭力	Stall torque	kgf-cm	7.21	7.1	10.71	12.93	10.16	15.88
空載電流	No load current	A	0.42	0.85	0.32	0.4	0.17	0.18
啟動電流	Starting current	A	12.7	21.4	8.42	18.59	2.45	6.5
最大容許迴轉速	Max permissible speed	R.P.M.	2400	3800	2400	3800	2400	3800
最大連續電流	Max. continuous current	A	3.24	5.45	1.45	2.1	0.39	0.55
最大連續扭力	Max. continuous torque	kgf-cm	1.74	1.65	1.71	1.39	1.56	1.4
額定電壓時最大功率	Rated voltage max power	W	37.5	60	37.5	60	37.5	60
最大效率	Max efficiency	%	66%	62.6%	69%	75%	71%	77%
扭力係數	Torque constant	kgf-cm/A	0.57	0.33	1.37	0.70	4.15	2.43
端子間阻抗	Terminal resistance phase to phase	Ohm	2.03	2.33	3.28	1.48	35.5	15.1
端子間電阻抗	Terminal inductance between phase	Mh	1.42	0.53	7.55	2.28	120.4	45.6
轉速電壓係數	Speed constant	rpm/V	166.7	266.7	83.3	133.3	22.2	35.6

### 尺寸圖 Appearance size



### 動力測試圖 R.P.M performace curve

