

### Housing $\phi 56 \times L85\text{mm}$ DC Brushless Motor B5685M

OUTPUT : 20W~120W (APPROX)

Bearing TYPE : ボールベアリング /Ball Bearing

WEIGHT(APPROX) : 570g

代表的用途 /Typical Application

家電機器 / 白物家電、調理家電、ファン、理美容家電 / FA 機器 / AGV、搬送機器  
医療機器 / ポンプ、血圧計、攪拌器、分離器 / DIY / 電動ポンプ、電動ドライバ

Household App / Home Electric App, Electric Cooker, Fan,  
Factory Automation Equipment / AGV, Motion Control /

Medical App / Medical Pump, Blood Pressure Meter, Medical Stirrer/ DIY App / Electric Pump, Screw Driver

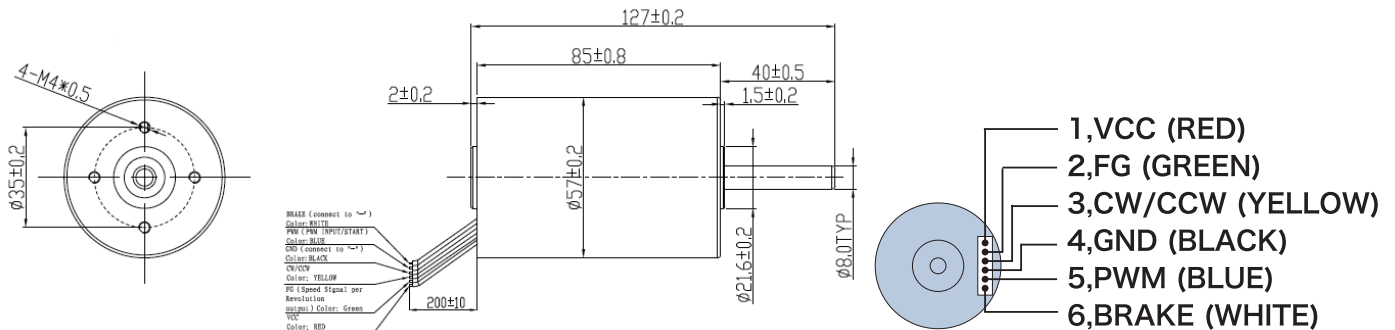
Characteristic : CW/CCW, Signal function available(FG), PWG speed control, Locked rotor protection, IC Heat protection, Life expectancy 10,000-30,000hrs,



### Motor Parameter

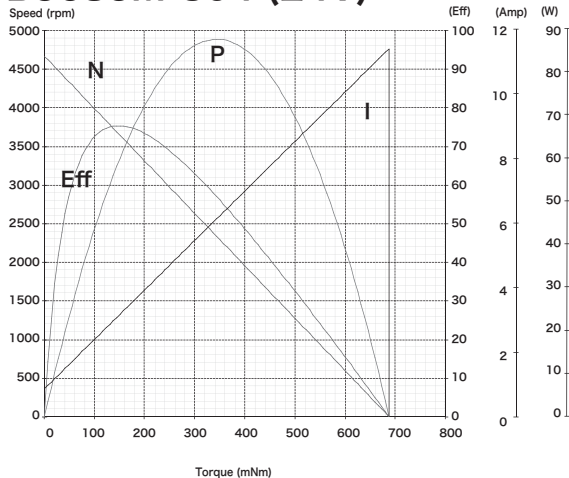
No.	Standard Model No.	Product No.	Outline Size			Rated Voltage (V)	No Load		at Max Efficiency				at Stall			Configuration	
			Motor OD (mm)	Housing Length (mm)	Shaft OD (mm)		No Load Speed (rpm)	No Load Current (A)	Rated Speed (rpm)	Rated Current (A)	Rated Torque (mN-m)	Output (W)	Starting Torque		Starting Current (A)		
													(mN-m)	(g · cm)			
44	B5685M	-S01	57.0	85	8	AC220	4480	0.09	3200	0.38	200.0	2039.4	67.10	700.00	7137.9	1.11	ball bearing
45		-S02	57.0	85	8	48	5410	0.44	3520	2.65	250.0	2549.3	92.10	714.00	7280.7	6.74	ball bearing
46		-S03	57.0	85	8	36	4800	0.53	3080	3.14	250.0	2549.3	80.70	447.00	4558.1	5.00	ball bearing
47		-S04	57.0	85	8	24	4660	0.86	2980	4.70	249.7	2546.2	77.90	480.00	4894.6	8.00	ball bearing
48		-S05	57.0	85	8	12	3025	1.01	2340	3.45	121.0	1233.8	30.00	363.00	3701.5	8.00	ball bearing

### OUTLINE & Inner Driver I/O



### Typical Performance

#### B5685M-S04 (24V)



### Japan Magnets.,Inc

Head Office / Japan Bldg 4F, 1-1646-2, Kamikawa, Suwa, Nagano, Japan zipcode 392-0021

Tel /+81-266-56-1021

Fax /+81-266-56-1430

HP / <http://www.jmi-motion.com>