

### Housing $\phi 37 \times L25$ mm DC Brushless Motor B3725S

OUTPUT : 2W~35W (APPROX)

Bearing TYPE : ボールベアリング /Ball Bearing

WEIGHT(APPROX) : 120g

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 / 事務機器 / プリンタ、スキャナ、プロジェクト / 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, Hair Dryer

Office Automation Equipment / Printer, Scanner, Projector

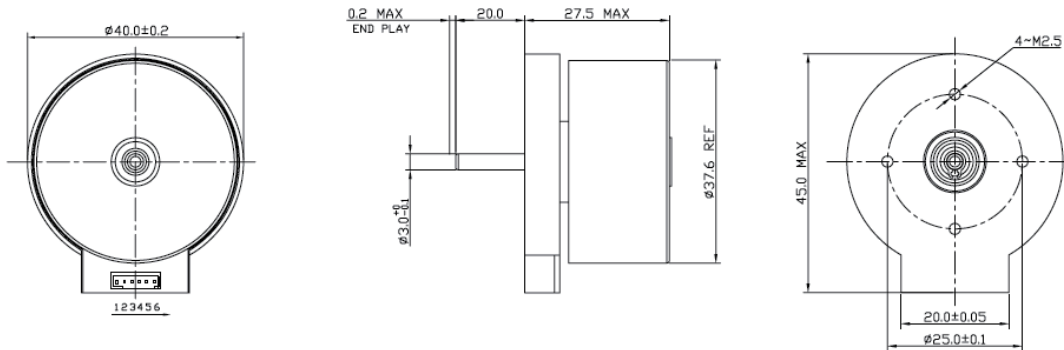
Medical App / Medical Pump, Blood Pressure Meter, Medical Stirrer/ DIY App / Electric Pump, Screw Driver

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 (mN·m)	Starting Current (A)			
55	B3725S	-S01	40.0	27.5	3	24	4280	0.16	2690	1.40	70.0	714.2	19.75	135.0	1376.6	2.50	ball bearing
56		-S02	40.0	27.5	3	16	4850	0.20	4100	1.10	29.1	297.1	12.53	78.0	795.4	2.50	ball bearing
57		-S03	40.0	27.5	3	12	4740	0.29	3510	1.90	39.2	400.1	14.43	59.0	601.6	2.50	ball bearing

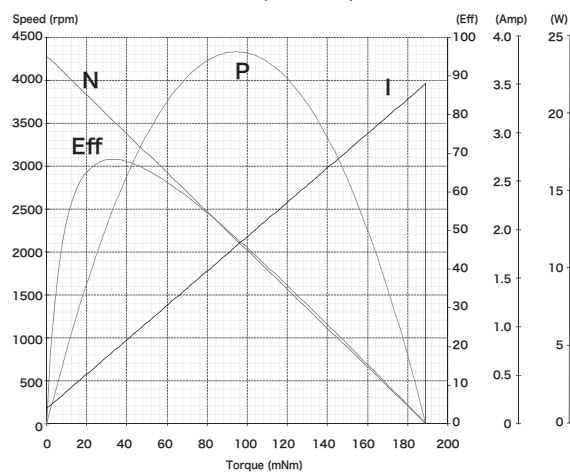
### OUTLINE & Inner Driver I/O



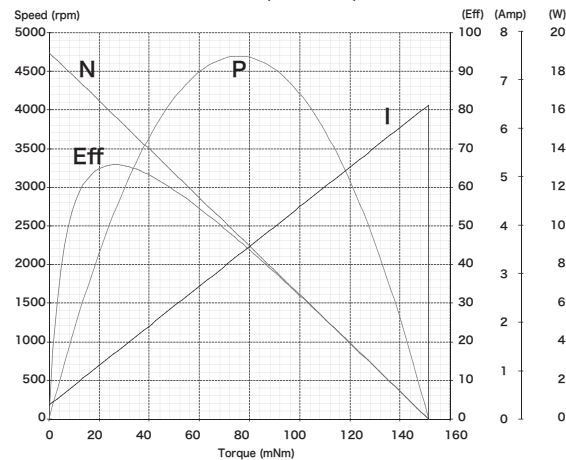
- 1,VCC (RED)
- 2,FG (GREEN)
- 3,CW/CCW (YELLOW)
- 4,GND (BLACK)
- 5,PWM (BLUE)
- 6,BRAKE (WHITE)

### Typical Performance

#### B3725S-S01 (24V)



#### B3725S-S03 (12V)



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