

Micro BLDC Motor

24mm

Frame Size	24 mm
Efficiency	60 ~ 80%
Max. Rated Speed	4220 RPM
Max. Rated Torque	4.61 mNm / 0.74 oz-in
Max. Rated Output Power	2.3 W
Noise Level	<55 dB
Operating Temperature	- 10 ~ 40 °C
Weight	54g
Options	Gearbox, integrated driver



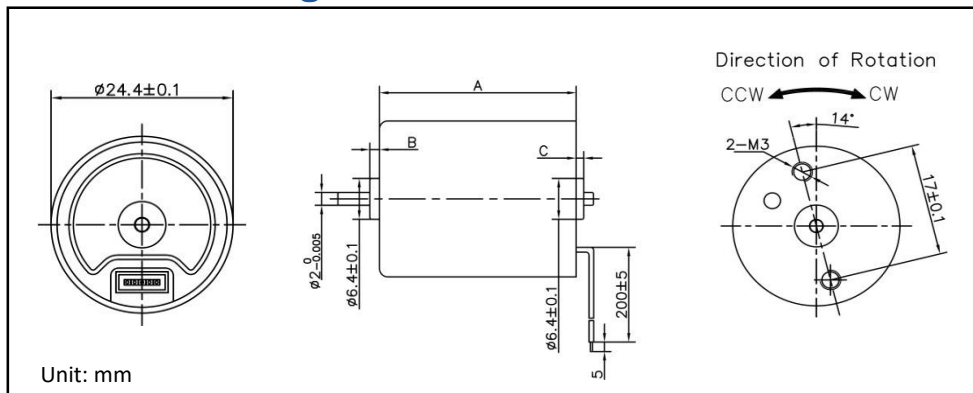
Application:

- Electric toothbrush, electric shaver, hair clipper, noodle maker, audio and visual equipment

Specifications:

Part Number	Motor Body Length (mm)	No Load			Rated				Starting	
		Rated Voltage (VDC)	Speed (RPM)	Current (A)	Current (A)	Speed (RPM)	Torque (oz-in)	Output power (W)	Current (A)	Torque (oz-in)
		DM2415-12-001-04	15	12	6840	0.05	0.18	4350	0.28	0.89
DM2418-06-001-07	18	6	9260	0.21	0.61	7490	0.35	1.93	1.2	0.88
DM2418-12-001-04	18	12	6520	0.08	0.24	4660	0.35	1.2	0.65	1.19
DM2418-24-005-09	18	24	12500	0.09	0.3	9340	0.83	5.75	0.8	2.78
DM2418-24-002-06	18	24	8660	0.06	0.17	6690	0.42	2.06	0.55	1.81
DM2430-06-001-04	30	6	5380	0.23	0.61	4720	0.56	1.94	1.5	1.87
DM2430-12-005-06	30	12	8030	0.25	0.83	6100	1.32	5.94	1.5	3.04
DM2430-24-003-05	30	24	6600	0.07	0.21	5750	0.7	3.01	1.2	5.32

Mechanical Drawing:



DM2415-XX-XXX-XX	
A	27
B	15
C	10

DM2418-XX-XXX-XX	
A	41.5
B	18.1
C	21.5

DM2430-XX-XXX-XX	
A	50
B	30.8
C	16

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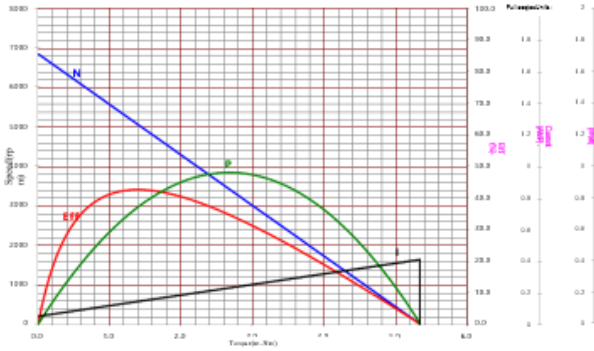
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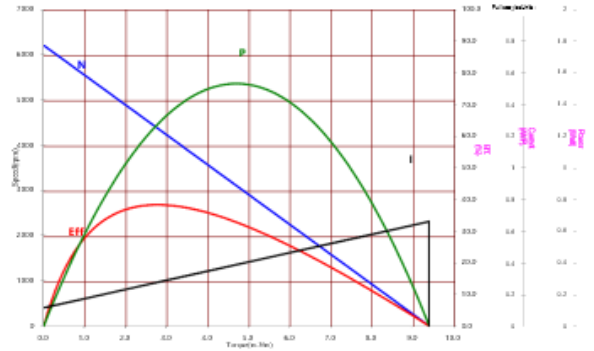
24mm

Performance Curves:

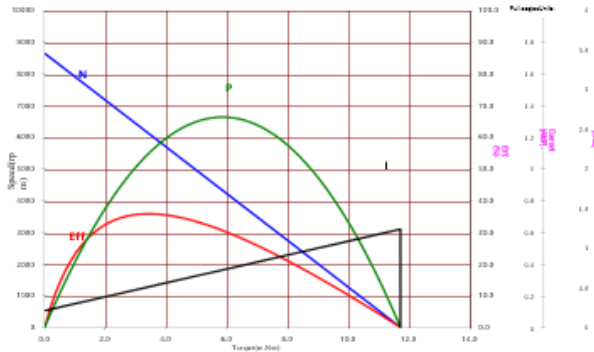
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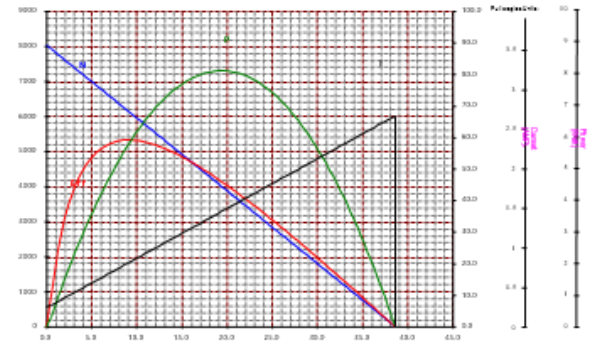
DM2418-12-001-04



DM2418-24-002-06



DM2430-12-005-06



DM2430-24-003-05

