

# Micro BLDC Motor

# 42mm

Frame Size	42 mm
Efficiency	65 ~ 85%
Max. Rated Speed	5920 RPM
Max. Rated Torque	108.6 mNm / 15.38 oz-in
Max. Rated Output Power	44.3 W
Noise Level	<55 dB
Operating Temperature	- 10 ~ 40 °C
Weight	160, 290, 330g
Options	Gearbox, integrated driver



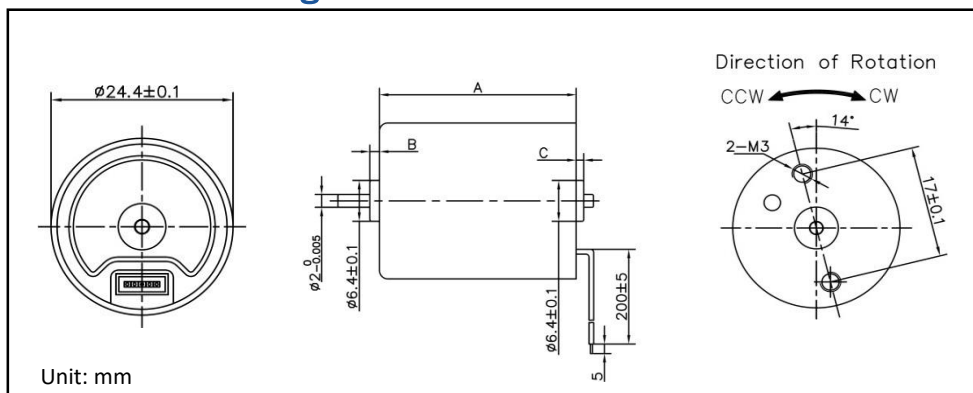
## Application:

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

## Specifications:

Part Number	Motor Body Length (mm)	Rated	No Load		Rated				Starting	
		Voltage	Speed	Current	Current	Speed	Torque	Output power	Current	Torque
		(VDC)	(RPM)	(A)	(A)	(RPM)	(oz-in)	(W)	(A)	(oz-in)
DM2415-12-001-04	15	12	6840	0.05	0.18	4350	0.28	0.89	0.41	0.76
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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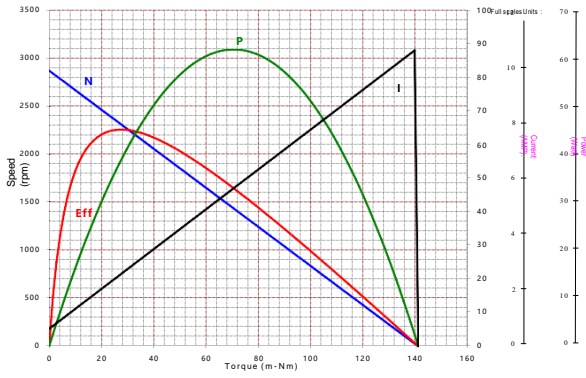
A division of TELCO

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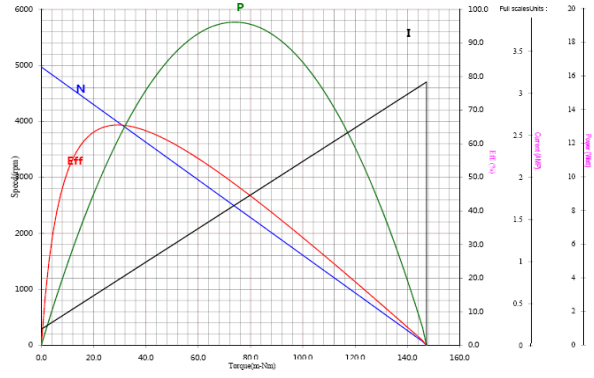
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## Performance Curves:

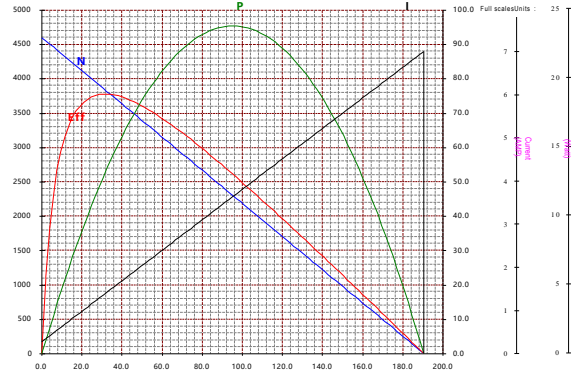
**DM4235-12-008-02**



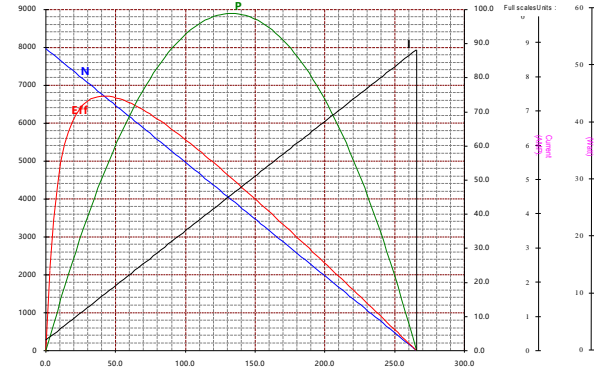
**DM4235-24-017-03**



**DM4260-12-016-03**



**DM4260-24-042-05**



**DM2430-24-003-05**

