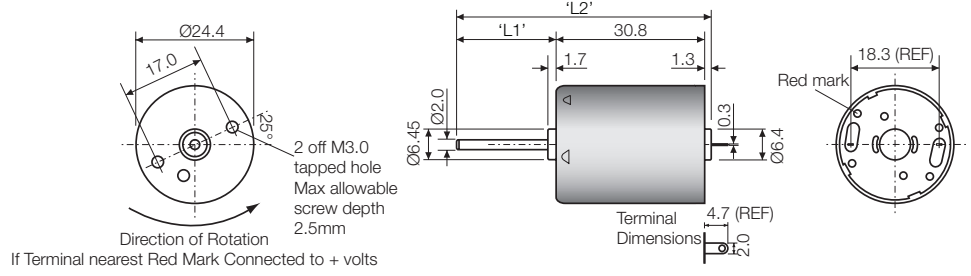


DC Motors

D2431-15370

Issue 16:CN3448

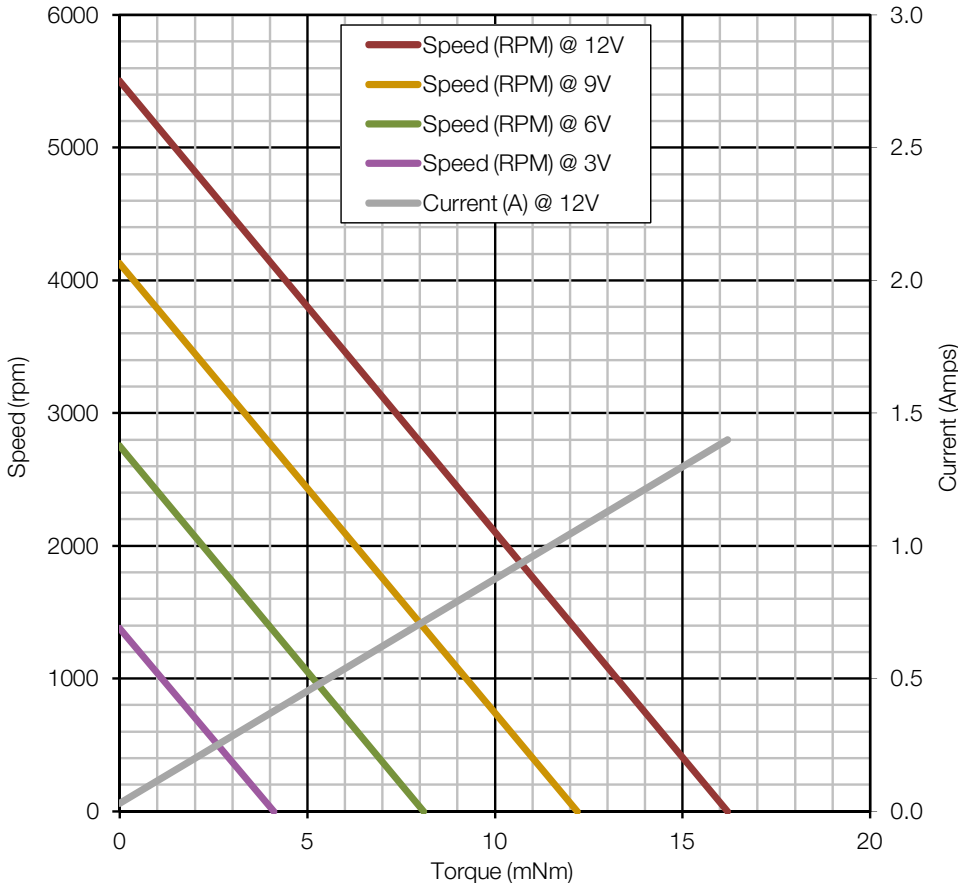
Unit: mm



Model Number	Performance									
	Volts V	No Load		Maximum Efficiency				Stall		Max Power W
		Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
D2431-15370	12	5500	0.03	4695	0.15	2.4	1.2	16.2	1.4	2.3
	9	4125	0.03	3558	0.20	1.7	0.6	12.2	1.1	1.3
	6	2750	0.03	2318	0.13	1.3	0.3	8.1	0.7	0.6
	3	1375	0.02	1103	0.10	0.8	0.1	4.1	0.4	0.1

Performance characteristics and general specification are from calculated data.

Characteristics



General Specification

Bearings	Sintered
Brushes	Precious metal
Rotation	Bi-directional
Number of poles	3
Operating voltage	3 V to 12 V
Nominal resistance	11.5 Ω
Nominal inductance	14.3 mH
Typical detent torque	0.5 mNm
Suppression	Internal ring varistor
Weight (D2431-15370)	50 g

Shaft length options 'L1','L2'

D2431-15370	20.7mm, 52.8mm
D2431-15370S	10.7mm, 42.8mm

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