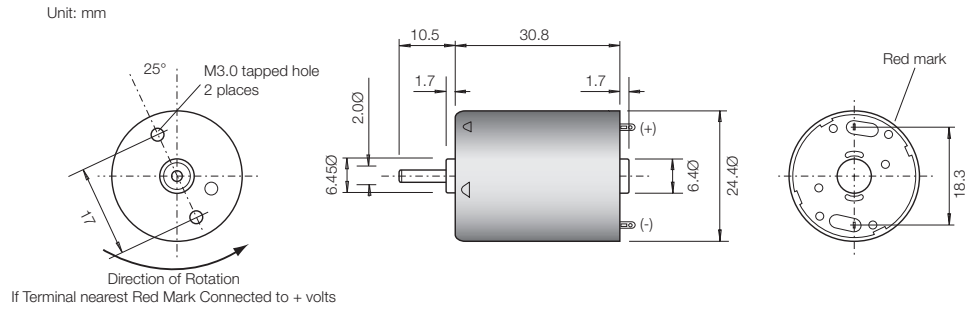


DC Motors

D2431-09450

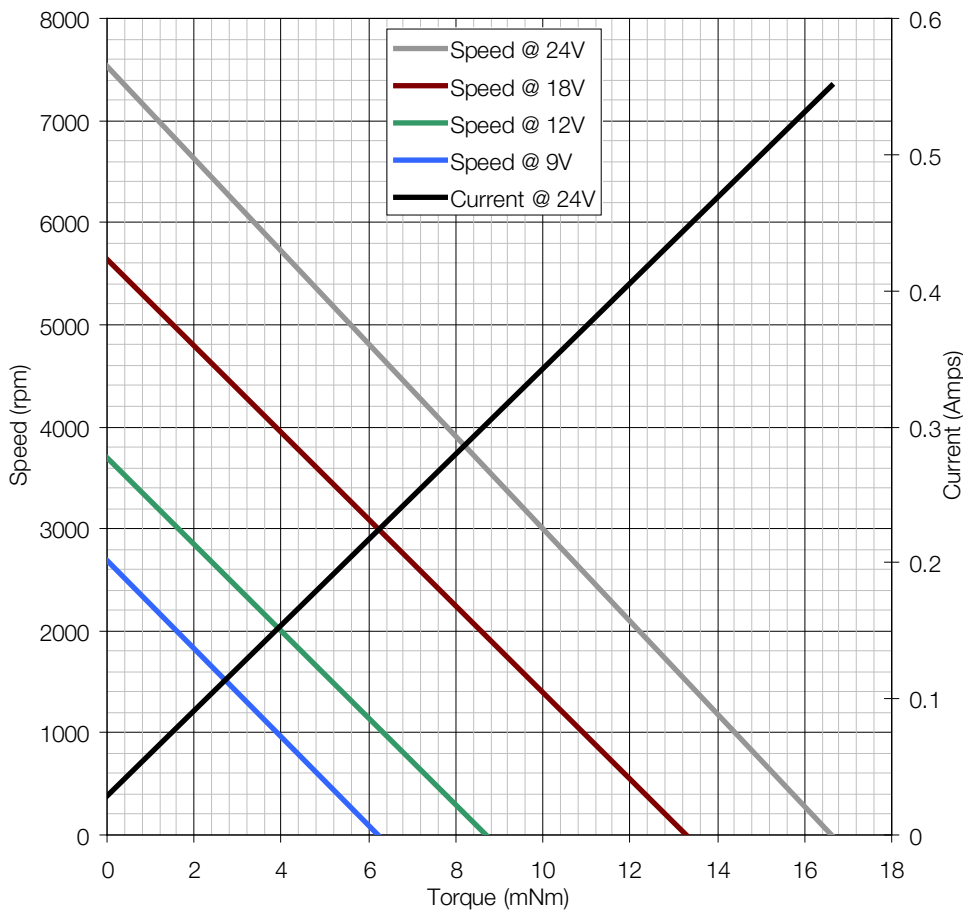
Issue 07



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	
D2431-09450	24	7534	0.029	6120	0.126	3.10	1.98	16.6	0.55	3.13
	18	5632	0.025	4415	0.104	2.80	1.30	13.3	0.44	1.78
	12	3696	0.022	2800	0.081	1.90	0.56	8.7	0.30	0.77
	9	2688	0.021	1950	0.071	1.87	0.38	6.2	0.24	0.45

Performance characteristics and general specification are measured from sample motor.

Characteristics



General Specification

Bearings	Sintered
Brushes	Carbon
Rotation	Bi-directional
Number of poles	3
Operating voltage	9 V to 30 V
Nominal resistance	34.3 Ω
Typical detent torque	1 mNm
Suppression	Internal ring varistor
Weight	50 g

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