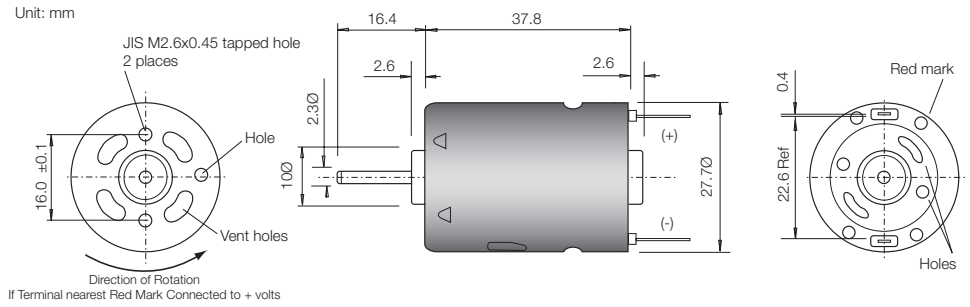


DC Motors

D2838-16120

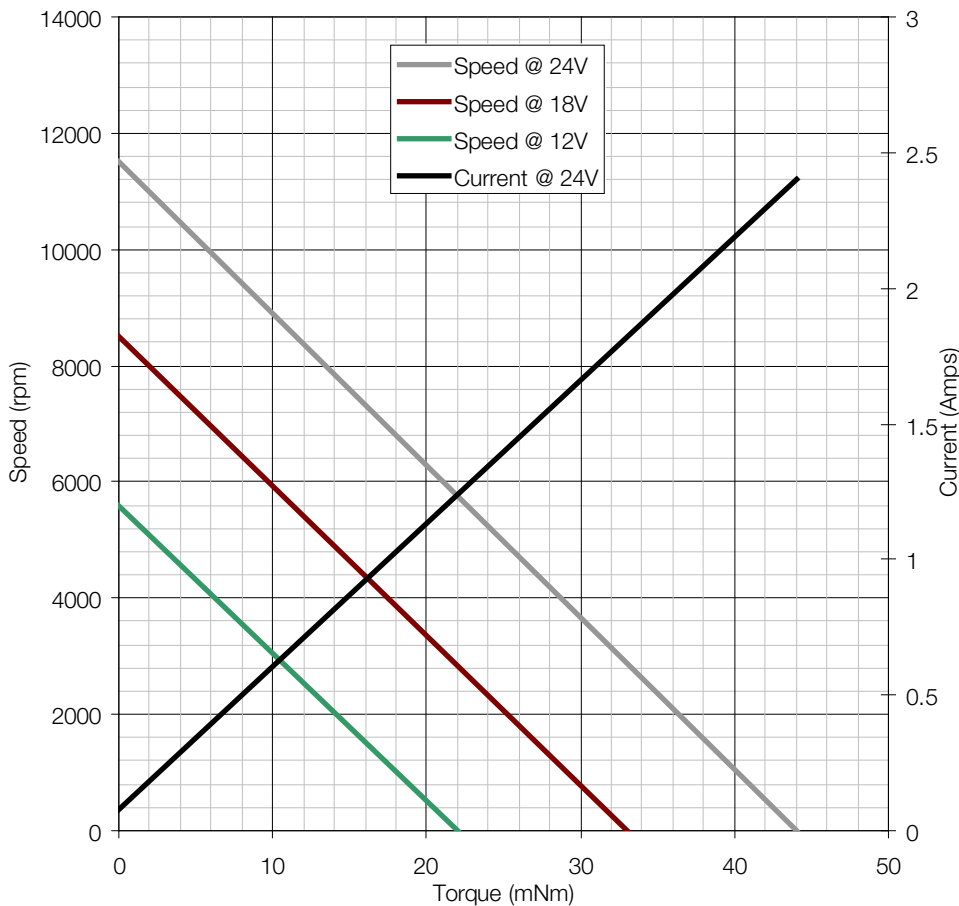
Issue 05



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	
D2838-16120	24	11500	0.075	9800	0.424	6.7	6.88	44.0	2.4	13.0
	18	8500	0.070	7250	0.355	5.2	3.95	33.0	1.8	7.0
	12	5600	0.062	4700	0.273	3.6	1.81	22.0	1.2	3.0

Performance characteristics and general specification are measured from sample motor.

Characteristics



General Specification

Bearings	Sintered
Brushes	Carbon
Rotation	Bi-directional
Number of poles	5
Operating voltage	12 V to 30 V
Nominal resistance	10.0 Ω
Typical detent torque	2.4 mNm
Weight	72 g

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