

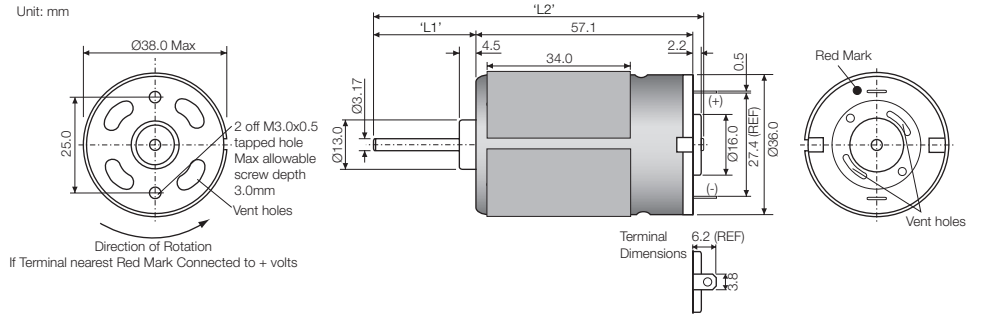
DC Motors

D3857-20125

Issue 13:CN3815

Rotalink

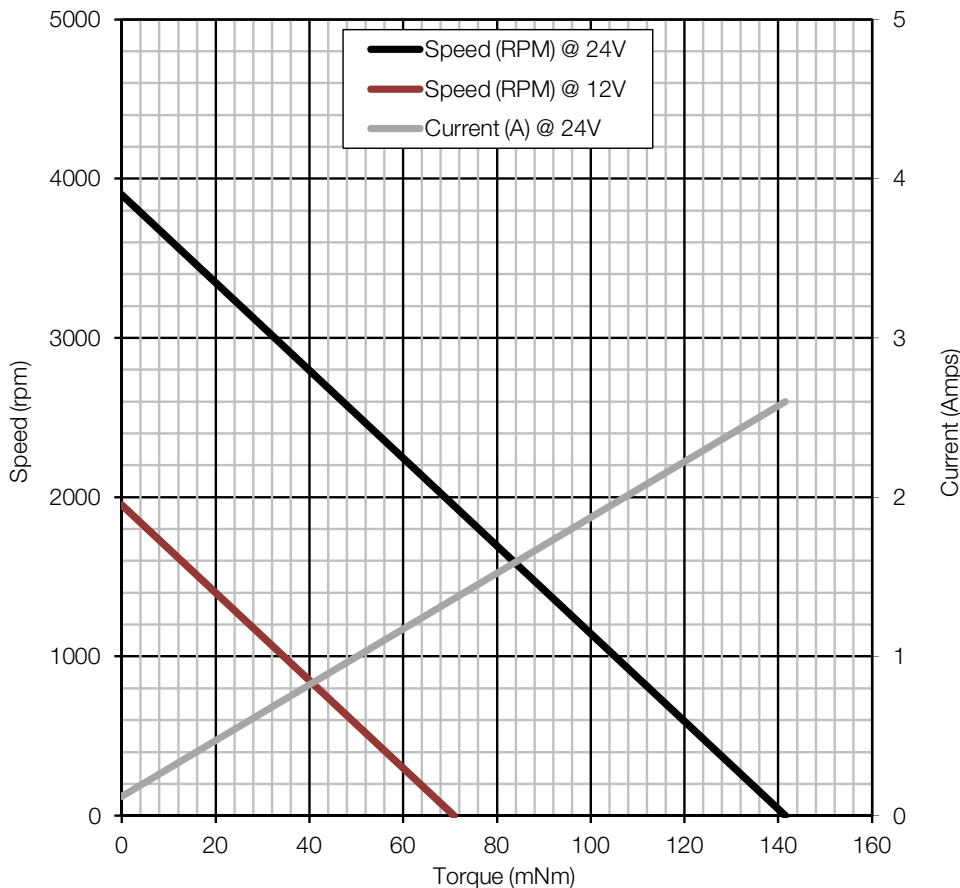
Miniature Motors, Transmission and Control



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	
D3857-20125	24	3900	0.12	3320	0.44	20.4	7.1	141.5	2.6	14.4
	12	1950	0.10	1556	0.30	14.3	2.3	70.8	1.3	3.6

Performance characteristics and general specification are from calculated data.

Characteristics



General Specification

Bearings	Sintered
Brushes	Carbon
Rotation	Bi-directional
Number of poles	5
Operating voltage	12 V to 32 V
Nominal resistance	15.1 Ω
Nominal inductance	7.6 mH
Typical detent torque	12 mNm
Suppression	Internal ring varistor
Weight (D3857-20125)	215 g

Shaft length options 'L1', 'L2'

D3857-20125	27.0mm, 87.0mm
D3857-20125S	17.0mm, 77.0mm

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