

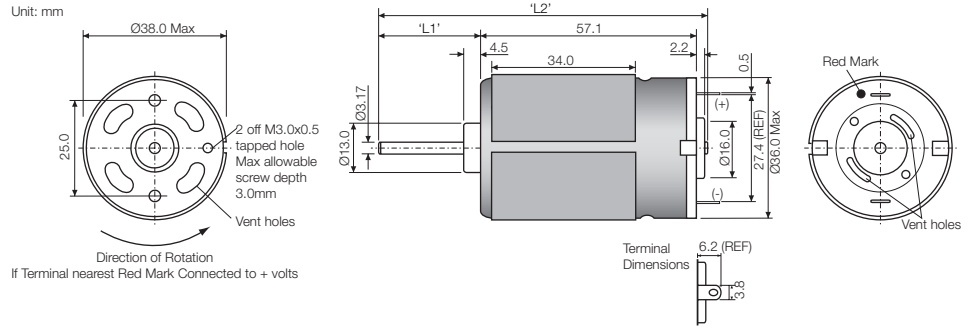
DC Motors

D3857-2490

Issue 09:CN3637

Rotalink

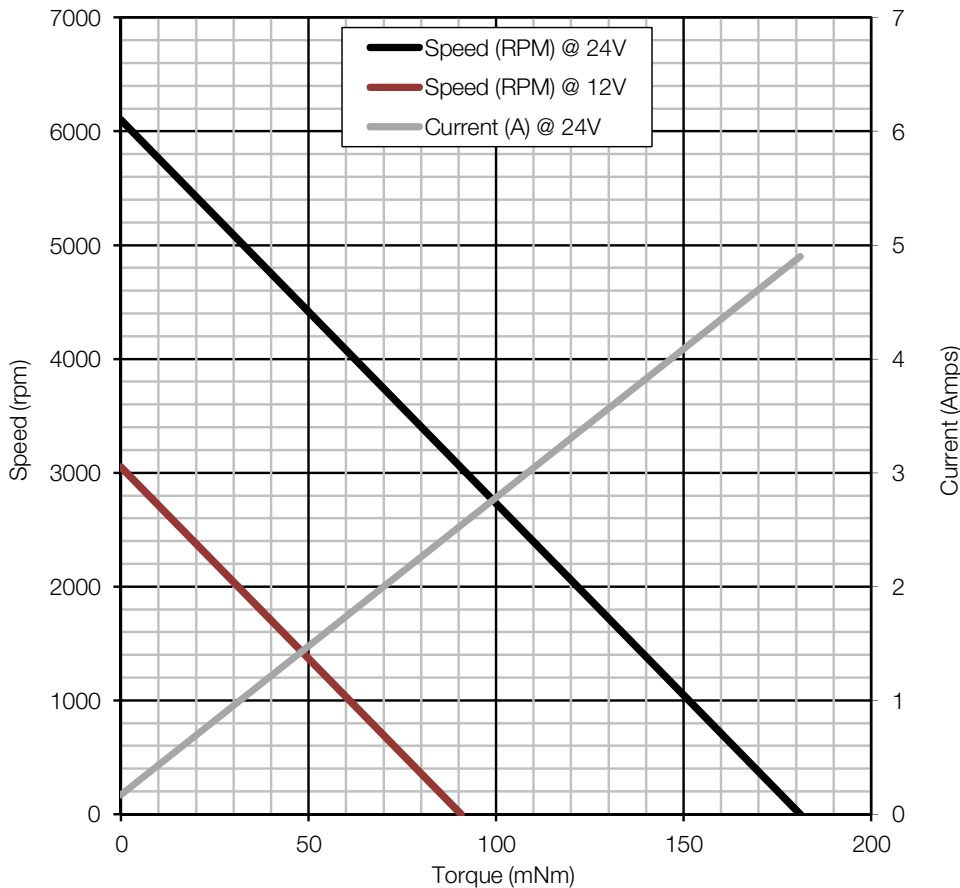
Miniature Motors, Transmission and Control



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	
D3857-2490	24	6100	0.17	5241	0.75	23.5	12.9	181.1	4.9	28.5
	12	3050	0.14	2493	0.60	16.5	4.3	90.6	2.5	7.2

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 30 V
Nominal resistance	8.1 Ω
Nominal inductance	3.7 mH
Typical detent torque	6 mNm
Suppression	Internal ring varistor
Weight (D3857-2490)	215 g
Shaft length options 'L1', 'L2'	
D3857-2490	27.0mm, 87.0 mm
D3857-2490S	17.0mm, 77.0 mm

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