

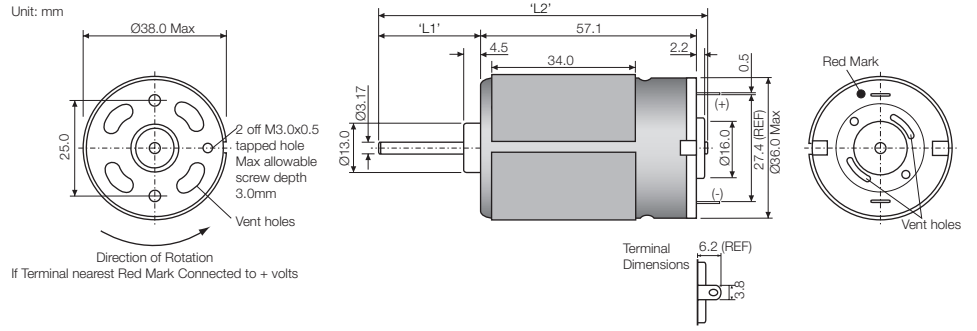
# DC Motors

D3857-2490

Issue 10:CN3815

# Rotalink

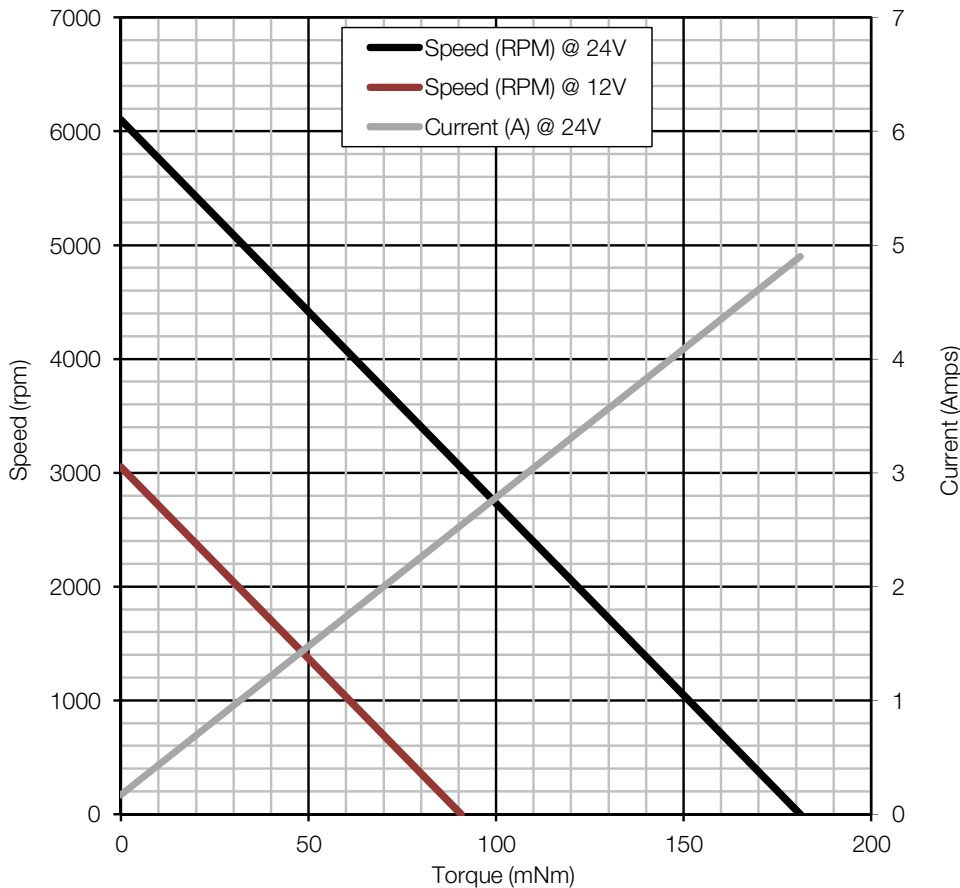
Miniature Motors, Transmission and Control



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	
D3857-2490	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 $\Omega$
Nominal inductance	3.7 mH
Typical detent torque	6 mNm
Suppression	Internal ring varistor
Weight (D3857-2490)	215 g
<b>Shaft length options 'L1', 'L2'</b>	
D3857-2490	27.0mm, 87.0 mm
D3857-2490S	17.0mm, 77.0 mm

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