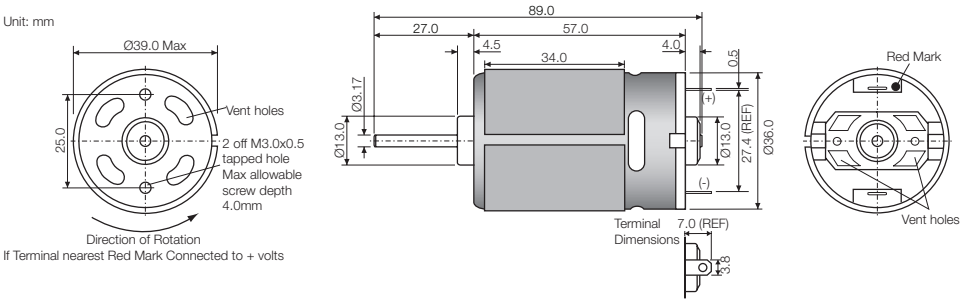
DC Motors

D3857-30125

Issue 09:CN3559

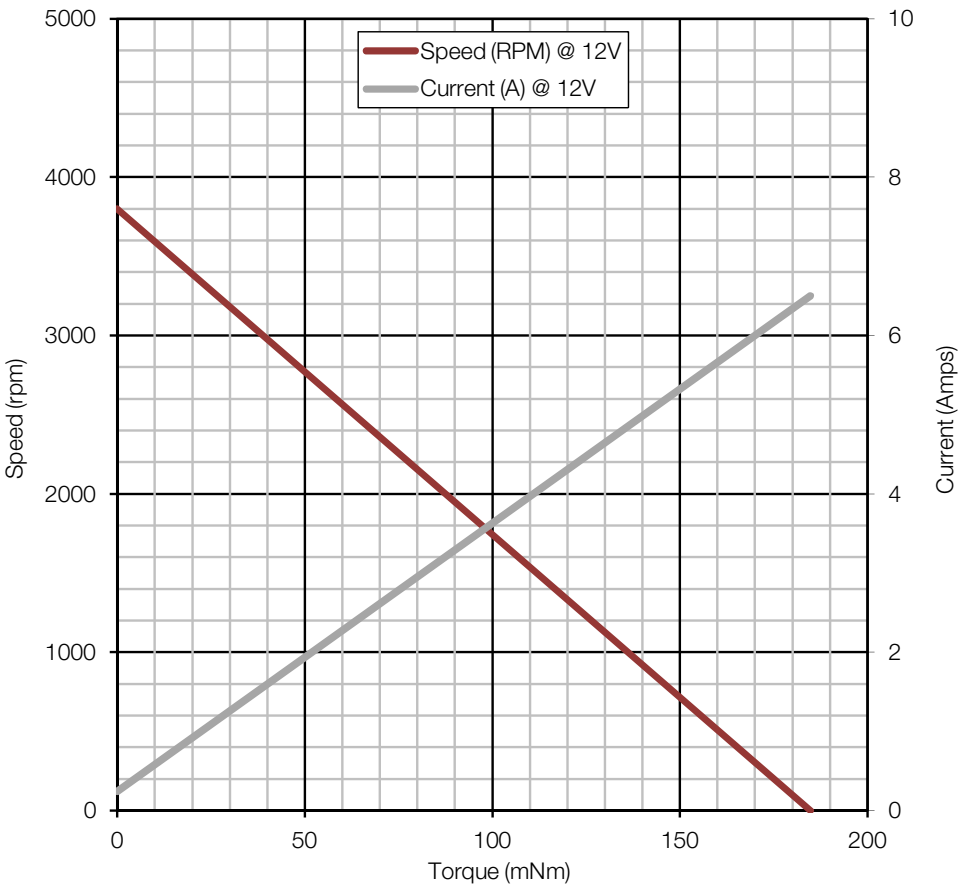
Rotalink
Miniature Motors,Transmission and Control



Model Number	Performance									
		No Load		Maximum Efficiency				Stall		Max
	Volts V	Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	Power W
D3857-30125	12	3800	0.24	3208	0.90	22.4	7.5	184.8	6.5	18.4

Performance characteristics and general specification are from calculated data.

Characteristics



General Specification

Bearings	Sintered
Brushes	Carbon
Rotation	Bi-directional
Number of poles	3
Operating voltage	8 V to 16 V
Nominal resistance	3.6 Ω
Nominal inductance	2.3 mH
Typical detent torque	18 mNm
Suppression	Internal ring varistor
Weight	225 g

Contact:
www.rotalink.com
info@rotalink.com
T: +44 (0)1460 72000
F: +44 (0)1460 74278

Rotalink Limited
Cropmead, Crewkerne
Somerset TA18 7HQ, UK

www.rotalink.com

This drawing and any information, descriptions and know how contained hereon (altogether "the drawing") are confidential and are the sole property of Rotalink Limited. Rotalink Limited owns all copyright, design right and all other intellectual property in the drawing and neither the drawing nor any part of it may be disclosed, loaned, copied, used for manufacturing or in relation to tenders or used for any other purpose without the express written permission of Rotalink Limited.

The contents of this data sheet are intended as reference material not product specification and are subject to alteration without prior notice. Please contact our sales team for detailed information.