

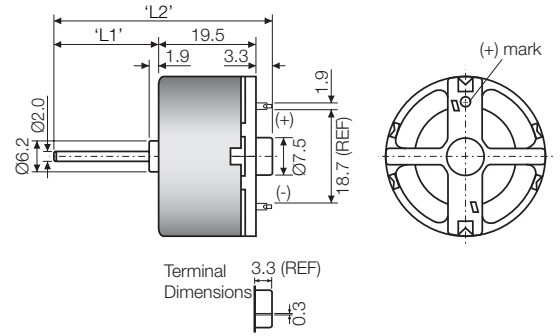
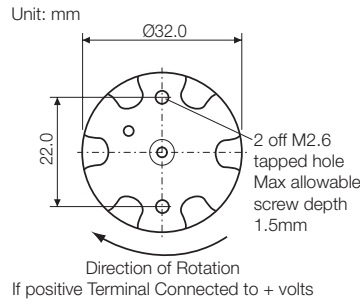
DC Motors

D3218-12560

Issue 16:CN3815

Rotalink

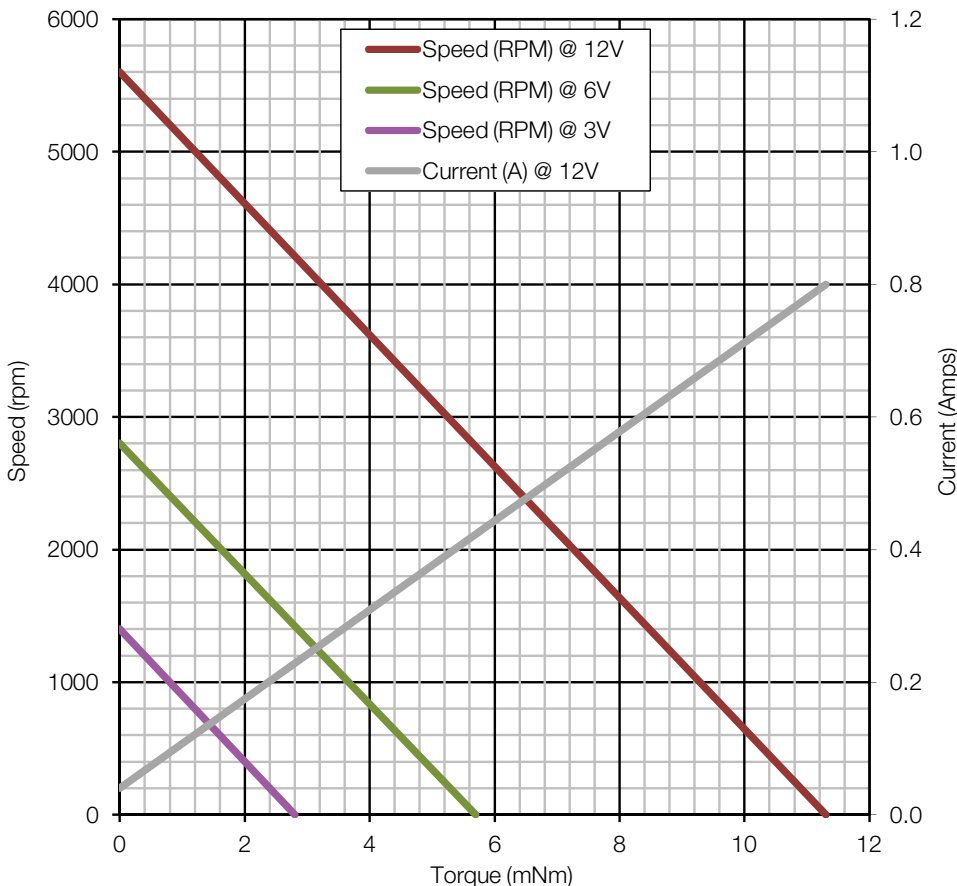
Miniature Motors, Transmission and Control



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	
D3218-12560	12	5600	0.04	4603	0.14	2.0	1.0	11.3	0.8	1.7
	6	2800	0.03	2200	0.10	1.2	0.3	5.7	0.4	0.4
	3	1400	0.03	1037	0.10	0.7	0.1	2.8	0.2	0.1

Performance characteristics and general specification are from calculated data.

Characteristics



General Specification

Bearings	Sintered
Brushes	Precious metal
Rotation	Bi-directional
Number of poles	3
Operating voltage	3 V to 12 V
Nominal resistance	18 Ω
Nominal inductance	18.9 mH
Typical detent torque	2 mNm
Suppression	Internal ring varistor
Weight (D3218-12560)	48g

Shaft length options 'L1'; 'L2'

D3218-12560	21.0mm, 43.8mm
D3218-12560S	11.0mm, 33.8mm

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