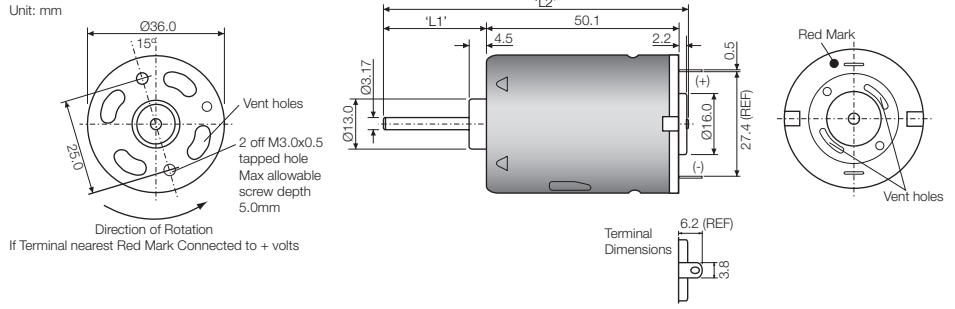


# DC Motors

D3650-3540

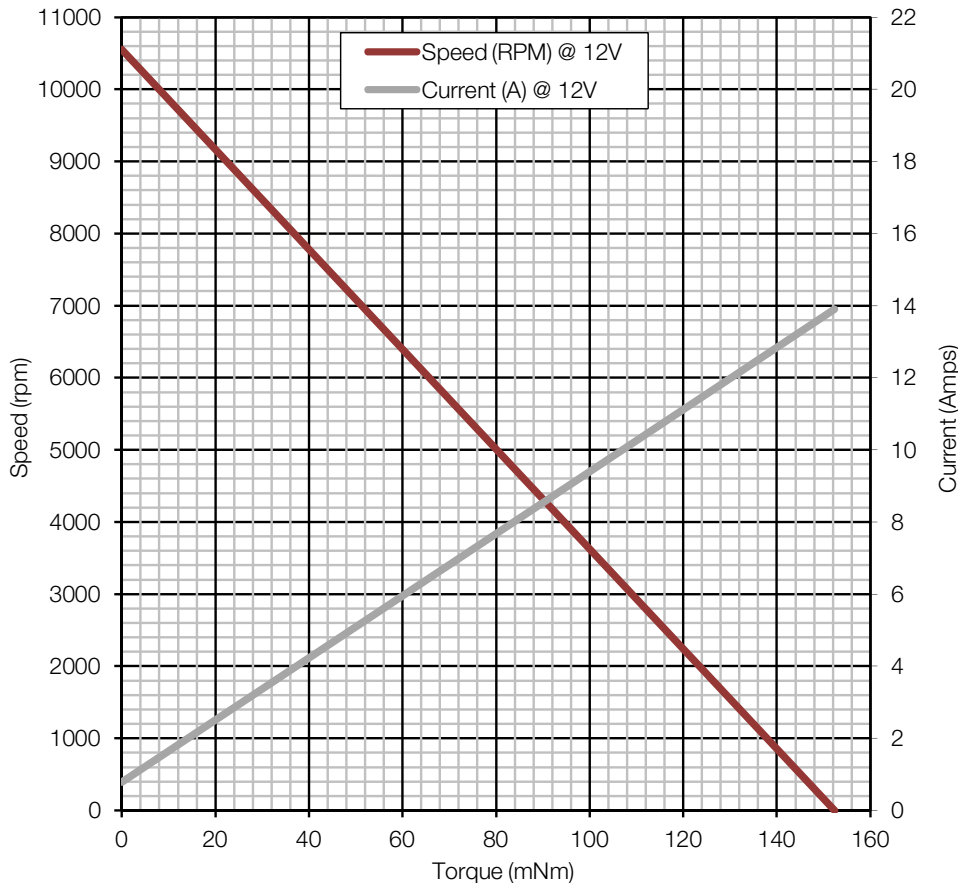
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Model Number	Performance									
	Volts V	No Load		Maximum Efficiency				Stall		Max Power W
		Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
D3650-3540	12	10550	0.78	8921	2.83	25.8	24.1	152.3	13.9	42.1

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	8 V to 16 V
Nominal resistance	1.3 $\Omega$
Nominal inductance	0.6 mH
Typical detent torque	6 mNm
Suppression	Internal ring varistor
Weight (D3650-3540)	155 g
<b>Shaft length options 'L1', 'L2'</b>	
D3650-3540	27.0mm, 80.0mm
D3650-3540S	19.0mm, 72.0mm

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