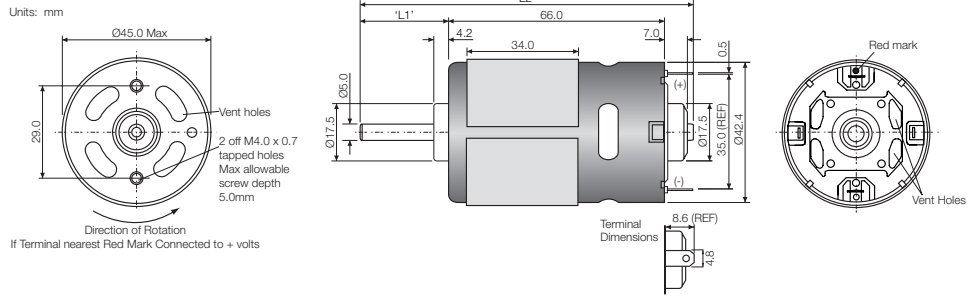


# DC Motors

D4566-4050

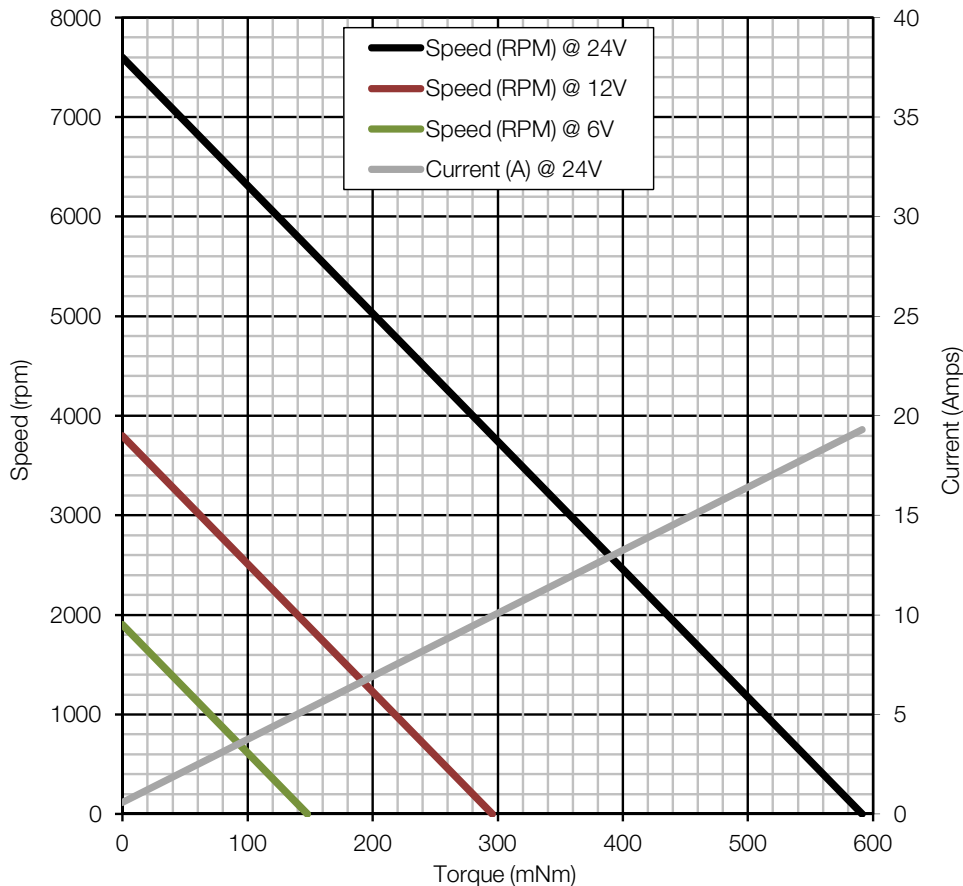
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Model Number	Performance									
	Volts V	No Load		Maximum Efficiency				Stall		Max Power W
		Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
D4566-4050	24	7600	0.58	6601	2.69	71.4	49.4	591.2	19.3	117.6
	12	3800	0.46	3143	2.10	51.1	16.8	295.6	9.7	29.4
	6	1900	0.40	1499	1.30	31.2	4.9	147.8	4.8	7.4

Performance characteristics and general specification are from calculated data.

## Characteristics



## General Specification

Bearings	Local Ball race front Sintered rear
Brushes	Carbon
Rotation	Bi-directional
Number of poles	5
Operating voltage	6 V to 24 V
Nominal resistance	3 Ω
Nominal inductance	1.2 mH
Typical detent torque	16 mNm
Suppression	Internal ring varistor
Weight (D4566-4050)	370 g
<b>Shaft length options 'L1'; 'L2'</b>	
D4566-4050	27.0mm, 102mm
D4566-4050S	19.0mm, 94.0mm

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