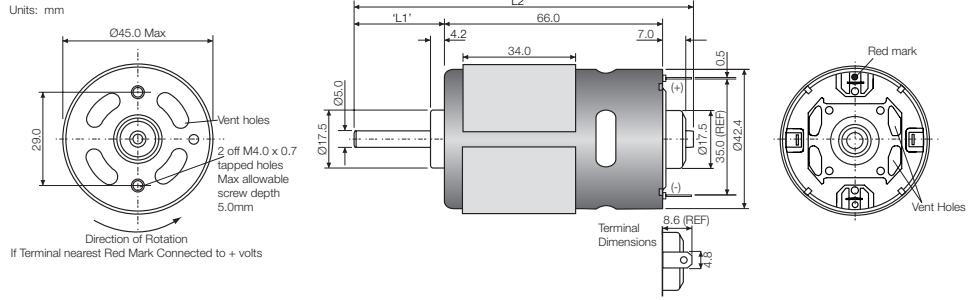


DC Motors

D4566-5524F

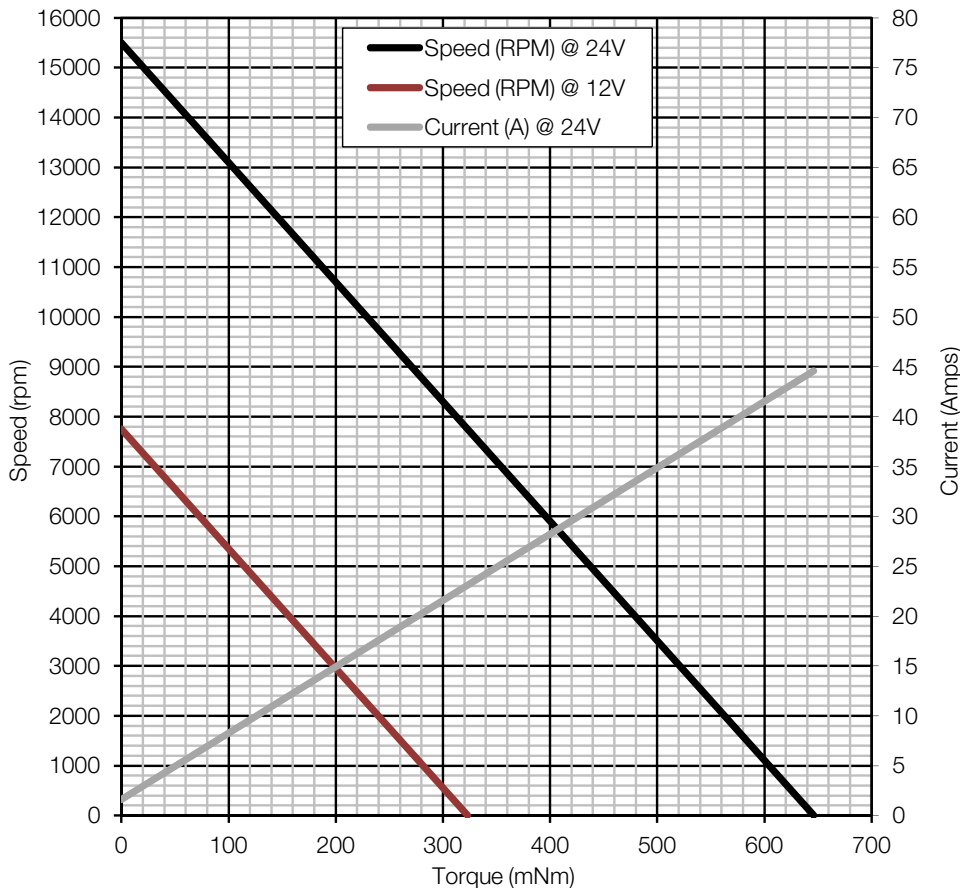
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| Model Number | Performance | | | | | | | | | |
|--------------|-------------|-----------|-----------|--------------------|-----------|------------|----------|------------|-----------|-------------|
| | Volts V | No Load | | Maximum Efficiency | | | | Stall | | Max Power W |
| | | Speed rpm | Current A | Speed rpm | Current A | Torque mNm | Output W | Torque mNm | Current A | |
| D4566-5524F | 24 | 15500 | 1.60 | 13089 | 7.85 | 96.9 | 132.8 | 645.8 | 44.6 | 262.1 |
| | 12 | 7750 | 1.28 | 6318 | 5.20 | 59.7 | 39.5 | 322.9 | 22.3 | 65.5 |

Performance characteristics and general specification are from calculated data.

Characteristics



General Specification

Bearings Ball race front Sintered rear
 Brushes Carbon
 Rotation Bi-directional
 Number of poles 5
 Operating voltage 8 V to 24 V
 Nominal resistance 1.8 Ω
 Nominal inductance 0.3 mH
 Typical detent torque 14 mNm
 Suppression 2 capacitors 63Vdc
 Weight (D4566-5524F) 368 g
Shaft length options 'L1','L2'
 D4566-5524F 27.0mm, 102mm
 D4566-5524FS 19.0mm, 94.0mm

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