

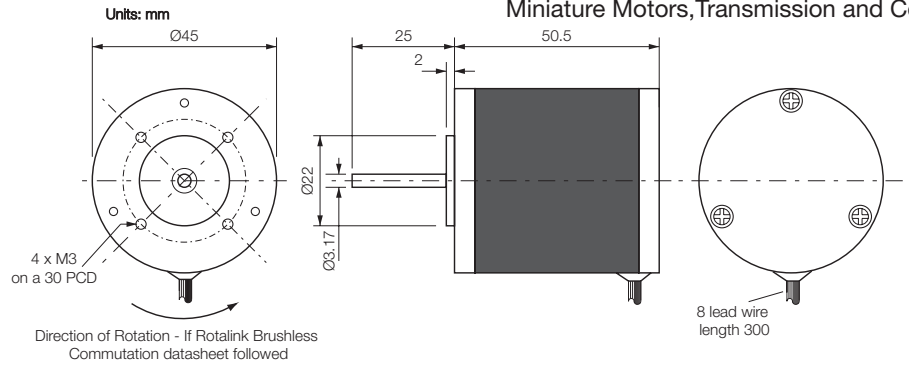
# DC Motors

BL4550-1245

Issue 03

# Rotalink

Miniature Motors, Transmission and Control

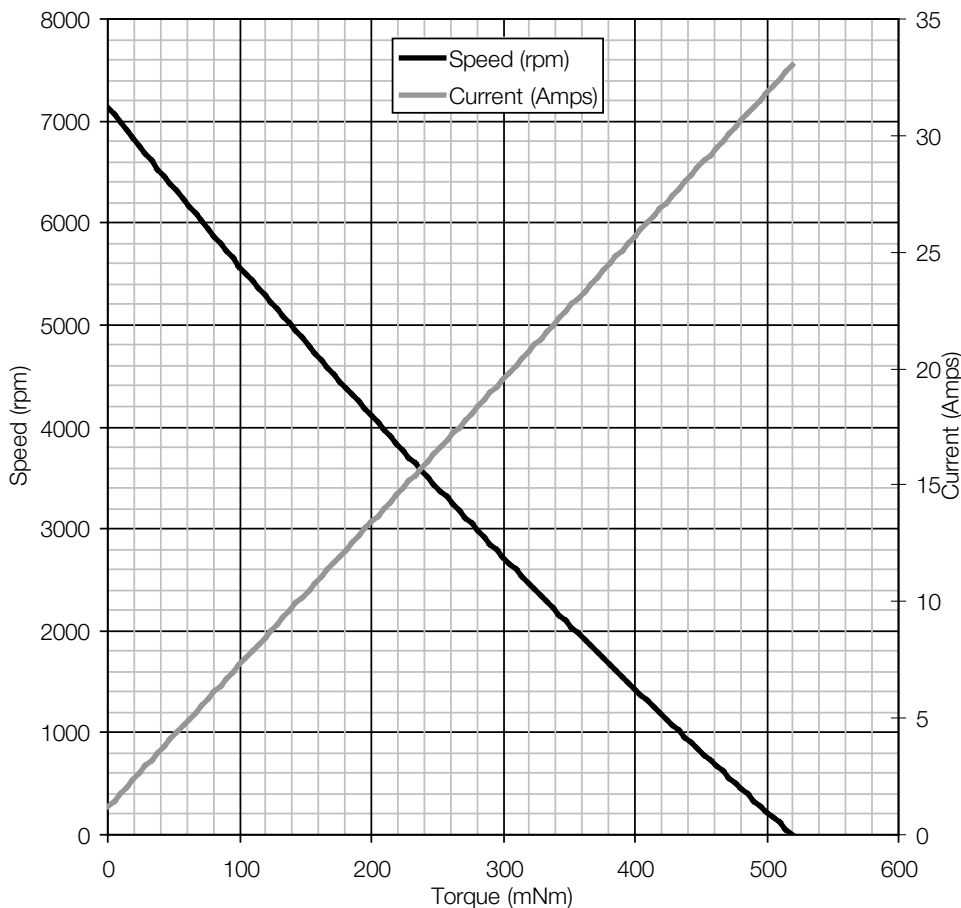


Model Number	Performance									
	Volts V	No Load		Maximum Efficiency				Stall		Max Power W
		Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
BL4550-1245	12	7148	1.18	5853	6.14	81.4	49.9	518.9	32.99	97.1

Performance characteristics and general specification are measured from sample motor.

Hall Effect Sensor Wire 26 AWG					Motor Phase Wire 22 AWG		
Yellow	Green	Blue	Red	Black	Yellow	Green	Blue
HA	HB	HC	+5	GND	M1	M2	M3

## Characteristics



## General Specification

Bearings	Ball Race
Rotation	Bi-directional
Number of poles	4
Operating voltage	12 V
Nominal resistance	0.4 Ω
Typical detent torque	17 mNm
Weight	320 g

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