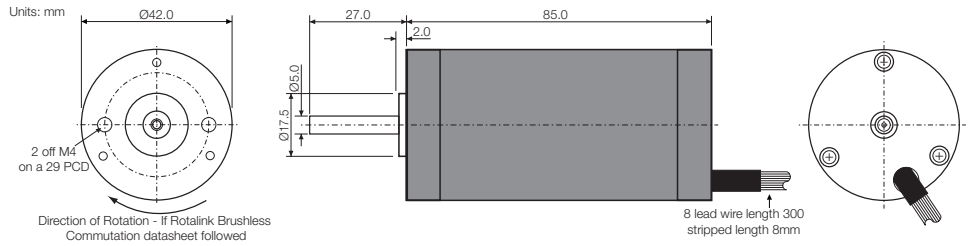


# DC Motors

BLH4285-1235

Issue 04:CN3816

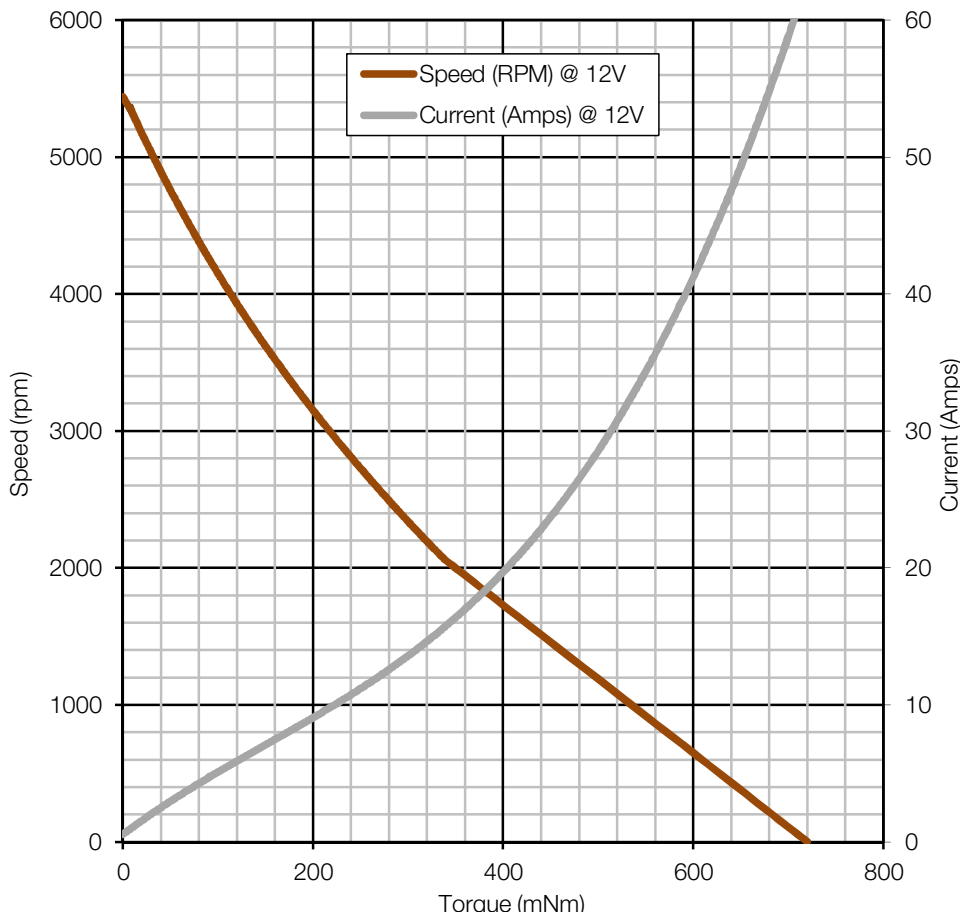


Model Number	Performance									
	Volts V	No Load		Maximum Efficiency				Stall		Max Power W
		Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
BLH4285-1235	12	5441	0.76	4448	3.95	74.73	34.81	720.00	63.00	73.58

Performance characteristics and general specification are measured & predicted from sample motor.

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

## Characteristics



## General Specification

Bearings	Ball Race
Commutation	Hall Effect Sensors
Rotation	Bi-directional
Number of poles	8
Operating voltage	12 V
Nominal resistance	0.19 $\Omega$
Nominal Inductance	0.22 mH
Typical detent torque	10 mNm
Weight	550 g

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