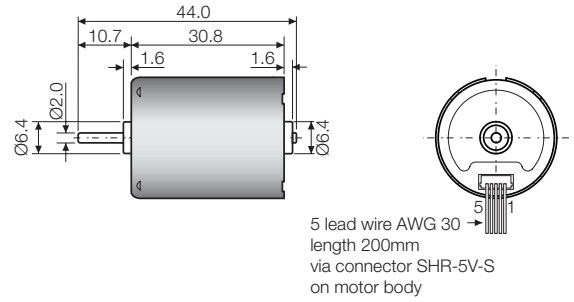
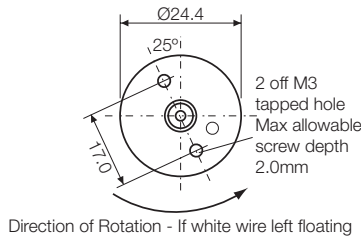


DC Motors

BLB2430-2404

Issue 02:CN3809

Unit: mm



Performance									
Volts V	No Load		Max Cont. Power at 23°C				Stall		Max Power W
	Speed rpm	Current A	Speed rpm	Current A	Torque mNm	Output W	Torque mNm	Current A	
24	6000	0.14	3800	0.50	15.0	6.0	26.9	0.9	6.9

Performance characteristics and general specification are from calculated data.

General Specification

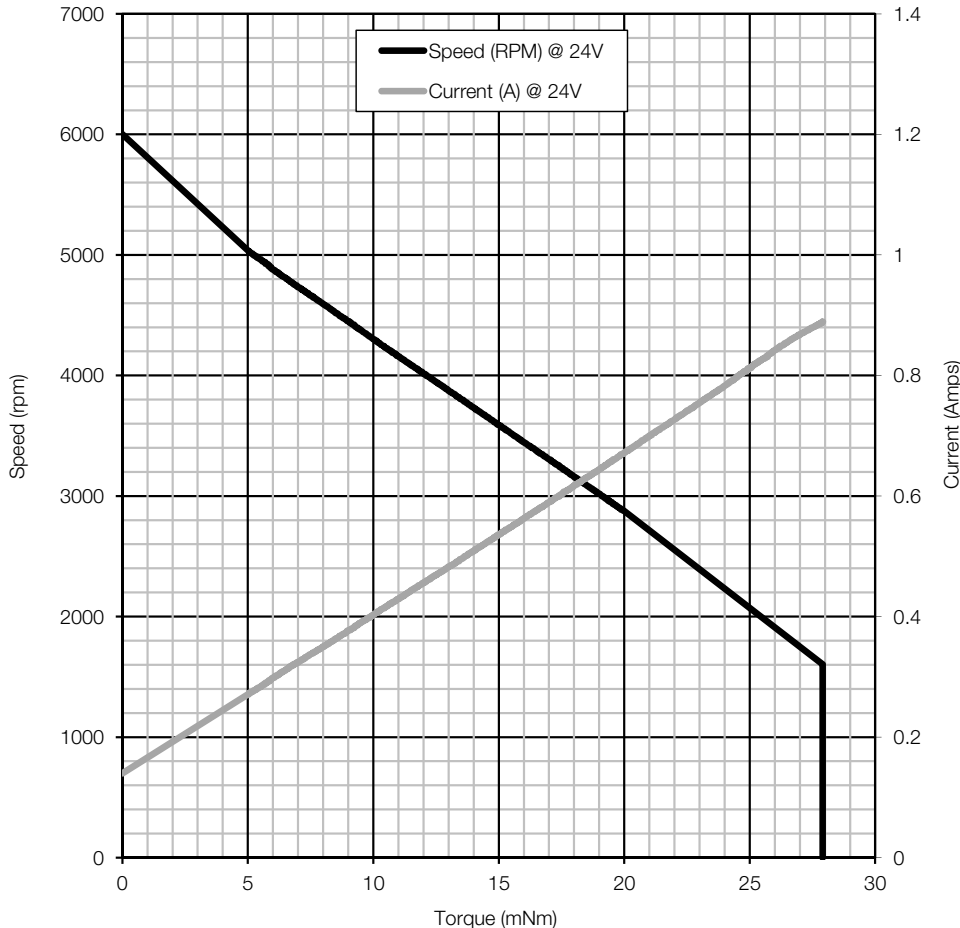
Bearings	Sintered
Commutation	Built-in, with sensors
Rotation	CCW
Number of poles	6
Nominal resistance	15 Ω
Nominal Inductance	4.2 mH
Typical max. detent torque	2 mNm
Max Cont. Torque at 23°C	20 mNm
Max Cont. Torque at 40°C	10 mNm
Motor weight	55 g

Operating voltage	18-26 V
Signal voltage	0-5 V

Connector Interface

Pin	Colour	Signal	I/O	Specification	
1	GND (Black)		IN		
2	Op. Voltage (Red)		IN	18-26 V	
3	Tacho Output (Yellow)	VOH	OUT	2V ≤ V ≤ 5V, at 5V 4.7kΩ pull up	
		VOL			0.6 V max
		Sink current			3 mA max
		Output pulse		9 pulse/round	
4	Speed Control (White)	VOH	IN	2V ≤ V ≤ 5V or open : motor stop	
		VOL			0.8 V max motor drive
		PWM signal			20 kHz ~ 30 kHz
5	Direction (Orange)	VOH	IN	2V ≤ V ≤ 5V or open : CCW	
		VOL			0.8 V max : CW

Characteristics



Contact:

www.rotalink.com
info@rotalink.com
T: +44 (0)1460 72000

Rotalink Limited
Cropmead, Crewkerne
Somerset TA18 7HQ, UK

www.rotalink.com