

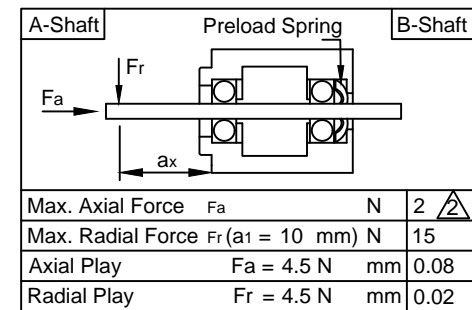
**MOTOR SPECIFICATION**

No. of Poles	4
Rated Voltage	V DC 24
Current - No Load / Rated / Peak	A $\triangle$ <0.4/0.95/2.7
Resistance Line to Line	$\pm 10\%$ $\Omega$ $\triangle$ 4.2
Inductance Line to Line (1kHz)	$\pm 20\%$ mH $\triangle$ 1.69 $\triangle$ 1
Torque - Rated / Peak	Nm 0.014 / 0.042
Torque Constant	Nm/A $\triangle$ 0.0169
Rated Power	W $\triangle$ 14.6
Speed - No Load / Rated	$\pm 10\%$ rpm $\triangle$ 13500 / 10000
Rotor Inertia	kg m <sup>2</sup> $\triangle$ 0.369 x10 <sup>-6</sup>



**WIRING DIAGRAM**

	Colour	Function	Lead Gauge
Motor	GN	U	UL1007 AWG26
	RD	V	
	BK	W	
Hall 12 Impl. per Rev.	YE	+5V	UL1007 AWG26
	BU	H1	
	OG	H2	
	BN	H3	
	WH	GND	



**GENERAL MOTOR SPECIFICATION**

Ambient Temperature	°C	-10 ... 50
Max. Temperature Rise (at standstill)	°C	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	M $\Omega$	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
		Date	Name
		Drawn	04.12.2017
		Checked	28.06.2018
		Approved	28.06.2018
02	change values	Schneid_A	28.06.2018
REV	Rev. Text	Name	Rel. Date



Weight: 0.08 kg	
<b>DB28M01</b>	
03000003	
State: Released	Rev: 02
P	