

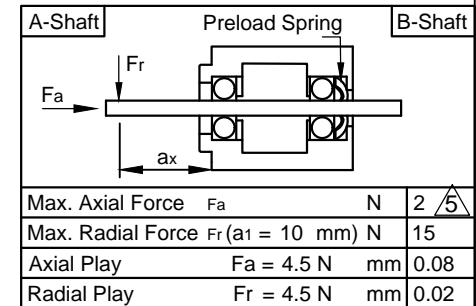
MOTOR SPECIFICATION

No. of Poles	4	4	2
Rated Voltage	V DC	15	
Current - No Load / Rated / Peak	A	<0.3/0.45/1.3	4
Resistance Line to Line	±10% Ω	8.2	2
Inductance Line to Line (1kHz)	±20% mH	2.3	2
Torque - Rated / Peak	Nm	0.005 / 0.015	5
Torque Constant	Nm/A	0.0143	5
Rated Power	W	4.2	4
Speed - No Load / Rated	±10% rpm	9600 / 8000	2
Rotor Inertia	kg m ²	0.235 x10 ⁻⁶	2

5

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	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: 0.06 kg
		Date	Name	DB28S01
		Drawn	Import	
		Checked	Schneid_A	
		Approved	Schneid_A	03000004
05	change values	Schneid_A	28.06.2018	
REV	Rev. Text	Name	Rel. Date	State: Released

