

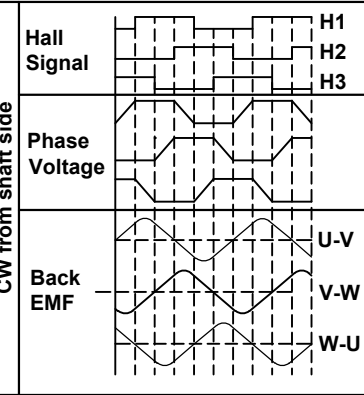
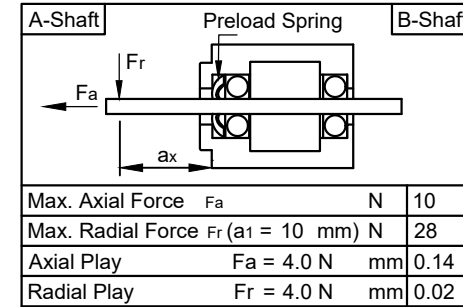
UL 1430, AWG 24
 Connector: STOCKO MKF 13270-6-0-1010

MOTOR SPECIFICATION

No. of Poles		16
Rated Voltage	V DC	24
Current - No Load / Rated / Peak	A	<0.5/3.26/9.5
Resistance Line to Line	$\pm 10\% \Omega$	0.64
Inductance Line to Line (1kHz)	$\pm 20\% \text{ mH}$	0.27
Torque - Rated / Peak	Nm	0.13 / 0.39
Torque Constant	Nm/A	0.0369
Rated Power	W	65
Speed - No Load / Rated	$\pm 10\% \text{ rpm}$	6100 / 4840
Rotor Inertia	kg m^2	18.1×10^{-6}

WIRING DIAGRAM

	PIN	Colour	Function	Lead Gauge
Motor	1	GY	U	UL1430 AWG24
	2	BN	V	
	3	YE	W	
Hall 48 Impl. per Rev.	8	RD	VHall 3.3..18VDC	UL1430 AWG24
	6	BU	H1	
	5	GN	H2	
	7	WH	H3	
	4	BK	GND	



GENERAL MOTOR SPECIFICATION

Ambient Temperature	$^\circ\text{C}$	-20 ... 50
Max. Temperature Rise (at standstill)	$^\circ\text{C}$	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	$\text{M}\Omega$	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: 0.15 kg	
			Date	Name	
			Drawn	04.12.2017	Import
			Reviewed	10.06.2020	Knoll_J
			Released	10.06.2020	Knoll_J
02	revise drawing	Schneid_A	17.06.2020		
REV	Rev. Text	Name	Date		
				DF45L024048-C2	
				03000173	
				State: Released	Rev: 02
				CONFIDENTIAL	
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