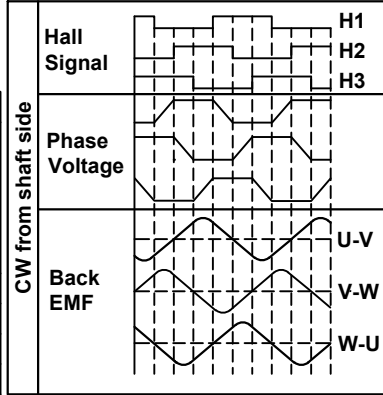
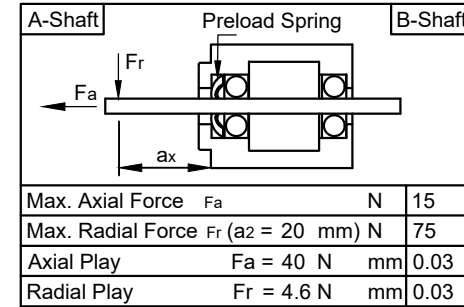


MOTOR SPECIFICATION

No. of Poles	8
Rated Voltage	V DC 36
Current - Rated / Peak	A 7.5 / 22.5
Resistance Line to Line	±10% Ω 0.53
Inductance Line to Line (1kHz)	±20% mH 0.58
Torque - Rated / Peak	Nm 0.6 / 1.8
Torque Constant	Nm/A 0.08
Rated Power	W 188
Speed - No Load / Rated	±10% rpm 4400 / 3000
Rotor Inertia	kg m ² 46 x 10 ⁻⁶

WIRING DIAGRAM

	Colour	Function	Lead Gauge
Motor	Ye	U	UL1430 AWG18
	Rd	V	
	Bk	W	
Hall 24 Impl. per Rev.	Rd	+5V	UL3265 AWG28
	Bu	H1	
	Gn	H2	
	Wh	H3	
	Bk	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
			Date
			Name
			Drawn
			Reviewed
02	change tolerance diam.	Schneid_A	09.03.2022
01	change diameter fl. sp.		
REV	Rev. Text	Name	Date

Weight: ~1.2 kg	
DB56D036030-A	
03000077	
State: Released	Rev: 02
CONFIDENTIAL	
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