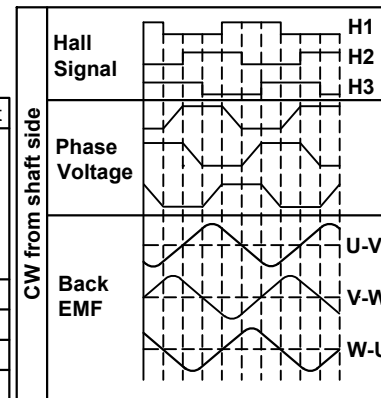
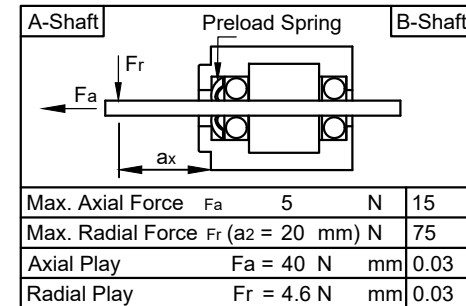


### MOTOR SPECIFICATION

No. of Poles	8
Rated Voltage	V DC 36
Current - Rated / Peak	A 5.4 / 16.2
Resistance Line to Line	$\pm 10\%$ $\Omega$ 0.82
Inductance Line to Line (1kHz)	$\pm 20\%$ mH 0.84
Torque - Rated / Peak	Nm 0.45 / 1.1
Torque Constant	Nm/A 0.08
Rated Power	W 141
Speed - No Load / Rated	$\pm 10\%$ rpm 4400 / 3000
Rotor Inertia	kg m <sup>2</sup> 36 x 10 <sup>-6</sup>

### 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	$^{\circ}\text{C}$	-10 ... 50
Max. Temperature Rise (at standstill)	$^{\circ}\text{C}$	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
			Reviewed
02	change tolerance diam.	Schneid_A	09.03.2022
01	change diameter fl. sp.		
REV	Rev. Text	Name	Date

Weight: ~1.1 kg	
DB56C036030-A	
03000076	
State: Released	Rev: 02
CONFIDENTIAL	
A4 Page 1	

