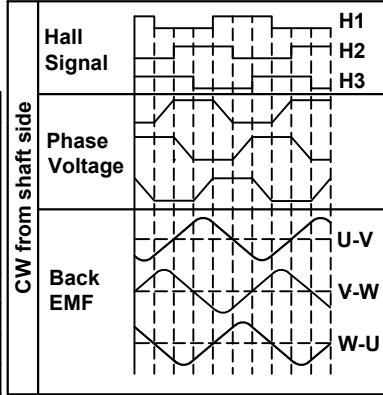
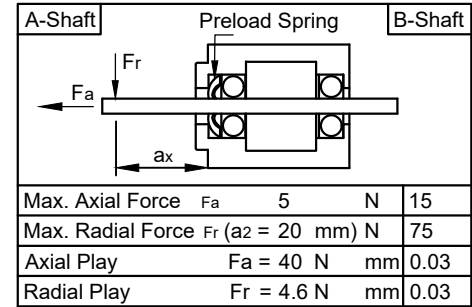


MOTOR SPECIFICATION		
No. of Poles	8	
Rated Voltage	V DC	36
Current - Rated / Peak	A	4.0 / 12
Resistance Line to Line	±10% Ω	1.2
Inductance Line to Line (1kHz)	±20% mH	1.2
Torque - Rated / Peak	Nm	0.3 / 0.9
Torque Constant	Nm/A	0.073
Rated Power	W	94
Speed - No Load / Rated	±10% rpm	4400 / 3000
Rotor Inertia	kg m ²	26 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: ~1.0 kg	
DB56L036030-A	
03000078	
State: Released	Rev: 02
CONFIDENTIAL	

