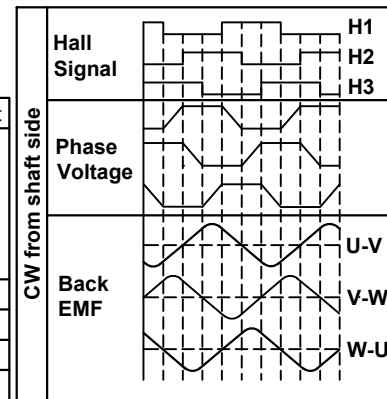
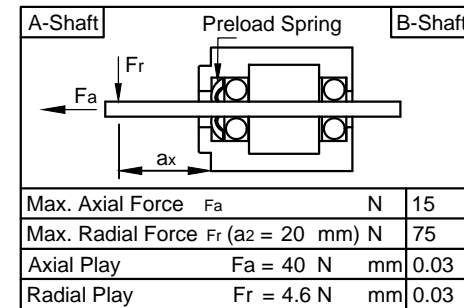


MOTOR SPECIFICATION		
No. of Poles		8
Rated Voltage	V DC	36
Current - Rated / Peak	A	5.4 / 16.2
Resistance Line to Line	±10% Ω	0.82
Inductance Line to Line (1kHz)	±20% mH	0.84
Torque - Rated / Peak	Nm	0.45 / 1.1
Torque Constant	Nm/A	0.08
Back-EMF Constant	V <sub>rms</sub> /krpm	5.6
Rated Power	W	141
Speed - No Load / Rated	±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	
	Rd	V	AWG18	
	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	04.12.2017
		Checked	06.09.2018
		Approved	06.09.2018
01	change diameter fl. sp.	Schneid_A	06.09.2018
REV	Rev. Text	Name	Rel. Date

Weight: 1.1 kg	
DB56C036030-A	
03000076	-
State: Released	Rev: 01
P	⊕