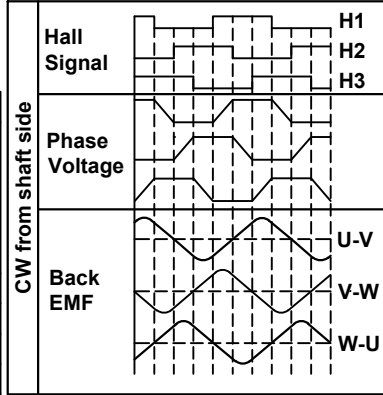
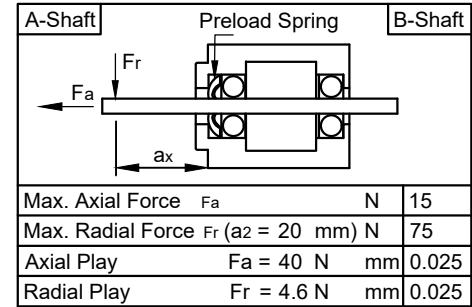


MOTOR SPECIFICATION		
No. of Poles		6
Rated Voltage	V DC	24
Current - Rated / Peak	A	8 / 24
Resistance Line to Line	±10% Ω	0.24
Inductance Line to Line (1kHz)	±20% mH	0.29
Torque - Rated / Peak	Nm	0.37 / 1.11
Torque Constant	Nm/A	0.046
Back-EMF Constant	V <sub>rms</sub> /krpm	3.8
Rated Power	W	135
Speed - No Load / Rated	±10% rpm	4500 / 3500
Rotor Inertia	kg m <sup>2</sup>	10.5 x 10 <sup>-6</sup>

WIRING DIAGRAM			
	Colour	Function	Lead Gauge
Motor	Ye	U	UL1332 AWG18
	Rd	V	
	Bk	W	
Hall 18 Impl. per Rev.	Rd	+5V	UL1430 AWG26
	Bu	H1	
	Gn	H2	
	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	Import	
03	change speed, no load	Schneid_A		Checked	13.09.2018	Knoll_J	
02	change depth thread M2.5		05.12.2018	Approved	13.09.2018	Schneid_A	
01	change speed, no load		20.09.2018				
REV	Rev. Text	Name	Rel. Date				

03000115		Weight: ~0.65 kg	
		DB59M024035R-B3	
State: Released		Rev: 03	CONFIDENTIAL