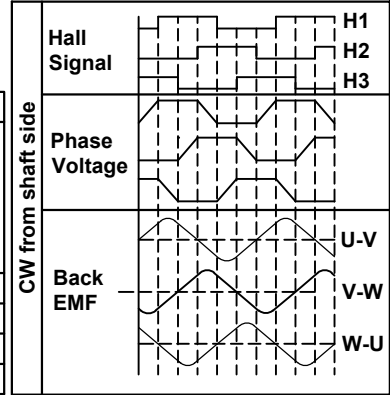
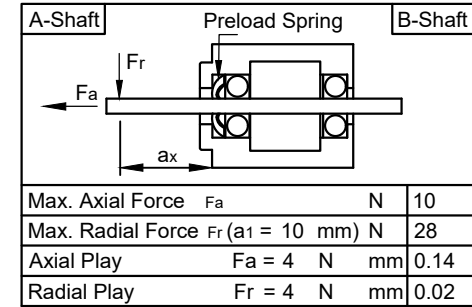


MOTOR SPECIFICATION		
No. of Poles		16
Rated Voltage	V DC	24
Current - No Load / Rated / Peak	A	<0.5/3.26/9.5
Resistance Line to Line	$\pm 10\%$ Ω	0.64
Inductance Line to Line (1kHz)	$\pm 20\%$ mH	0.27
Torque - Rated / Peak	Nm	0.13 / 0.39
Torque Constant	Nm/A	0.0369
Rated Power	W	65
Speed - No Load / Rated	$\pm 10\%$ rpm	6100 / 4840
Rotor Inertia	kg m ²	18.1 x 10 ⁻⁶

WIRING DIAGRAM				
	PIN	Colour	Function	Lead Gauge
Motor	1	GY	U	UL1430 AWG24
	2	BN	V	
	3	YE	W	
Hall 48 Impl. per Rev.	8	RD	VHall 3.3..18VDC	UL1430 AWG24
	6	BU	H1	
	5	GN	H2	
	7	WH	H3	
	4	BK	GND	



GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-20 ... 50
Max. Temperature Rise (at standstill)	°C	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	M Ω	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
02	revise drawing	Schneid_A	17.06.2020
REV	Rev. Text	Name	Date

Date	Name	Weight: 0.15 kg	
04.12.2017	Import		
09.06.2020	Knoll_J		
09.06.2020	Knoll_J		
DF45L024048-A2			
03000168			
State: Released		Rev: 02	CONFIDENTIAL

