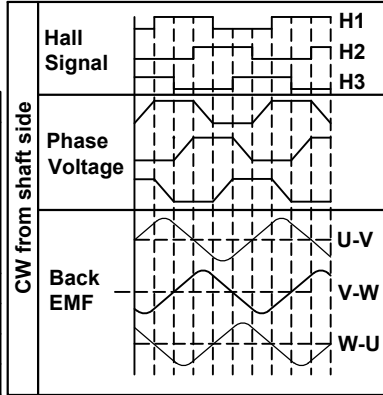
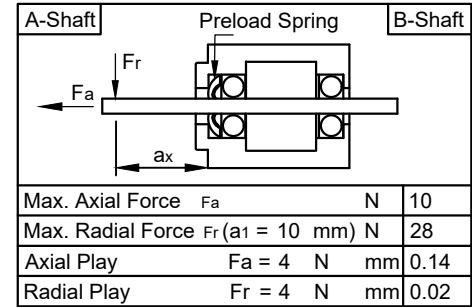


MOTOR SPECIFICATION		
No. of Poles		16
Rated Voltage	V DC	24
Current - No Load / Rated / Peak	A	<0.5/3.26/9.5
Resistance Line to Line	±10% Ω	0.61 Δ
Inductance Line to Line (1kHz)	±20% mH	0.22 Δ
Torque - Rated / Peak	Nm	0.13 / 0.39
Torque Constant	Nm/A	0.0369
Rated Power	W	65
Speed - No Load / Rated	±10% rpm	6100 / 4840
Rotor Inertia	kg m ²	18.1 x10 ⁻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	V _{Hall} 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 Δ
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
			Released
03	update mot. specification	Schneid_A	20.12.2022
02	revise drawing	Schneid_A	17.06.2020
REV	Rev. Text	Name	Date

Weight: ~0.15 kg	
DF45L024048-A2	
03000168	
State: Released	Rev: 03
CONFIDENTIAL	
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