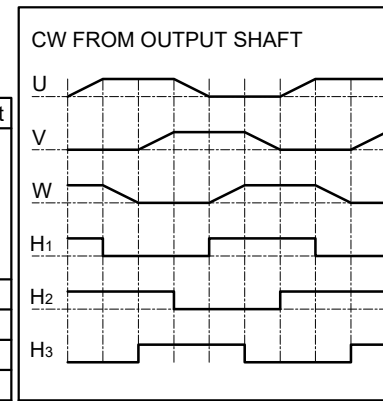
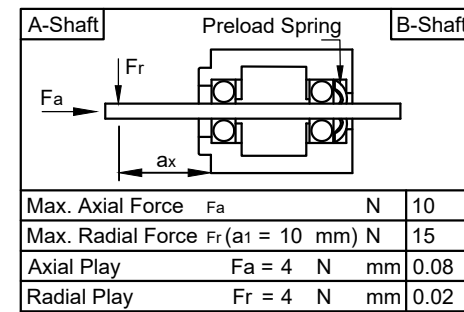


MOTOR SPECIFICATION			
No. of Poles	8		
Rated Voltage	V DC	24	
Current - Rated / Peak	A	1.9	5.7
Resistance Phase to Phase	$\pm 15\%$ $\Omega$	1.1	
Inductance Phase to Phase (1kHz)	$\pm 20\%$ mH	1.2	
Torque - Rated / Peak	Nm	0.07	0.21
Torque Constant	Nm/A	0.0368	
Power - Rated	W	33	
Speed - No Load / Rated	$\pm 10\%$ rpm	5700	4500
Rotor Inertia	kg m <sup>2</sup>	2.7	$\times 10^{-6}$

WIRING DIAGRAM			
	Colour	Function	Lead Gauge
Motor 8 pol.	YE	U	UL1430 AWG24
	BN	V	
	OG	W	
Hall 24 Impl. per Rev.	RD	+5V	UL1430 AWG26
	BU	H1	
	GN	H2	
	WH	H3	
	BK	GND	



GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	Min. -10 Max. 50
Max. Temperature Rise (at standstill - 2 phases energized)	°C	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class	B	
Insulation Resistance	M $\Omega$	100
Dielectric Strength (for 1 min - coil to case)	V AC	600

ISO 8015		ISO 1302		ISO 2768 cK		ISO 13715	
05	change value	Reith_S	24.11.2021	Date	Name		
04	change depth M3	Schneid_A	27.02.2020	Drawn	04.12.2017	Import	
03	change depth M3	Schneid_A	17.09.2019	Reviewed	18.01.2018	Seimel_G	
02	revise draw.-dim.	Seimel_G	19.01.2018	Released	19.01.2018	Seimel_G	
01	Updt. Rotor Inertia	Seimel_G	19.01.2018				
REV	Rev. Text	Name	Date				

Weight: ~0.25 kg	
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