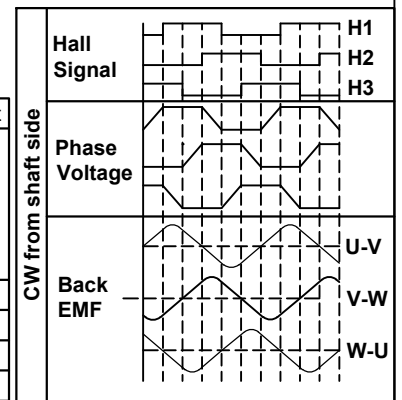
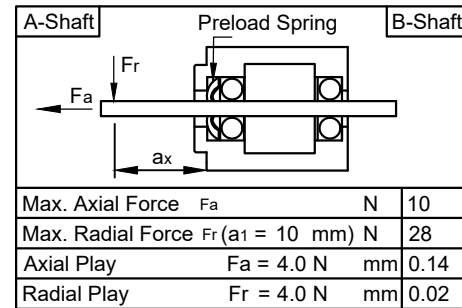


Connector:
JST B6B-PH-K-S

Connector:
JST B5P-VH

MOTOR SPECIFICATION		
No. of Poles		16
Rated Voltage	V DC	24
Current - No Load / Rated / Peak	A	$<0.4 / 2.36 / 7.0$
Resistance Line to Line	$\pm 10\% \Omega$	0.7
Inductance Line to Line (1kHz)	$\pm 20\% \text{ mH}$	0.33
Torque - Rated / Peak	Nm	0.084 / 0.25
Torque Constant	Nm/A	0.0335
Rated Power	W	50
Speed - No Load / Rated	$\pm 10\% \text{ rpm}$	6700 / 5260
Rotor Inertia	kg m^2	13.5 $\times 10^{-6}$

WIRING DIAGRAM			
	PIN	Function	Connector
Motor	1	GND	JST B5P-VH
	2	U	
	3	V	
	4	W	
	5	GND	
Hall 48 Impl. per Rev.	1	GND	JST B6B-PH-K-S
	2	+5V DC (4.5-18V DC)	
	3	H1	
	4	H2	
	5	H3	
	6	GND	



GENERAL MOTOR SPECIFICATION		
Ambient Temperature	$^\circ\text{C}$	-20 ... 50
Max. Temperature Rise (at standstill)	$^\circ\text{C}$	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
			Date
			Name
			Drawn 04.12.2017 Import
			Reviewed 09.06.2020 Knoll_J
			Released 09.06.2020 Knoll_J
02	revise drawing	Schneid_A	24.06.2020
REV	Rev. Text	Name	Date

Weight: 0.12 kg	
DF45M024053-A	
03000183	
State: Released	Rev: 02
CONFIDENTIAL	E7
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