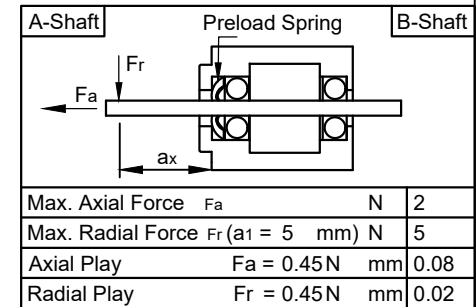


MOTOR SPECIFICATION

No. of Poles		8
Rated Voltage	V DC	12
Current - Rated / Peak	A	0.63/1.62
Resistance Line to Line	±10% Ω	7.2
Inductance Line to Line (1kHz)	±20% mH	0.62
Torque - Rated / Peak	Nm	0.00759/0.019
Torque Constant	Nm/A	0.012
Back-EMF Constant	V _{rms} /krpm	0.89
Rated Power	W	5
Speed - No Load / Rated	±10% rpm	9530 /5170
Rotor Inertia	kg m ²	0.51 x10 ⁻⁶

WIRING DIAGRAM

	PIN	Function
Motor	8	U
	7	V
	6	W
Hall 24 Impl. per Rev.	1	+5DC - +24VDC
	3	H1
	4	H2
	2	H3
	5	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	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	07.11.2018 Schneid_A
		Reviewed	20.12.2021 Reith_S
		Released	20.12.2021 Reith_S
REV	Rev. Text	Name	Date

Weight: ~0.023kg

DF20M012052-A

03200064

State: Released Rev: -.D CONFIDENTIAL

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