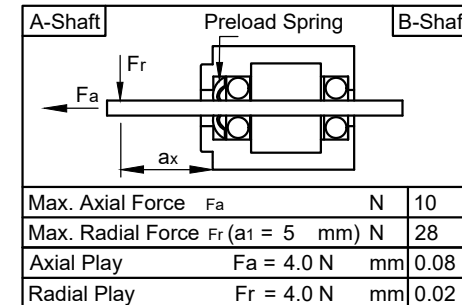


NMM1-SSI

X1 MOTOR	
M12 / 4-Pole / L-Coding / male	
Pin No.	Function
1	A\
2	A
3	B
4	B\
cable shield on housing	

X2 ENCODER	
M12 / 8-Pole / A-Coding / male	
Pin No.	Function
1	Clock+
2	Clock-
3	Data OUT+
4	Data OUT-
5	GND
6	n.c.
7	n.c.
8	+UB
cable shield on housing	



ENCODER SPECIFICATION

Operating Voltage	V DC	4.75...15
Singleturn Enc. Resolution	bit	17
Multiturn Enc. Resolution	bit	16
Interface	SSI	

MOTOR SPECIFICATION

Nominal Operating Voltage	V DC	48
Max. Operating Voltage	V DC	60
Current per Winding	A	9.5
Resistance per Phase (25°C)	±15% Ω	0.23
Inductance per Phase (1 kHz)	±20% mH	2.3
Holding Torque	Nm	5.9
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	190 x 10 ⁻⁶

GENERAL MOTOR SPECIFICATION

Ambient Temperature	°C	-10 ... 50
Max. Ambient Humidity (non condensing)	%	85
Protection Class (except shaft outlet)	IP65	
Protection Class (shaft outlet)	IP54	

In addition to this datasheet the documentation of all components mentioned with part number is applicable and has to be considered

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ±10% 2.8 kg
			Date	Name
			Drawn	22.04.2024 Kolev_I
			Reviewed	07.05.2024 Sejdini_B
			Released	07.05.2024 Sejdini_B
REV	Rev. Text	Name	Date	

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State: Released

Rev: 00

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