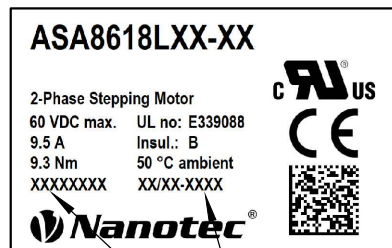


NMM1-SSI

Label details

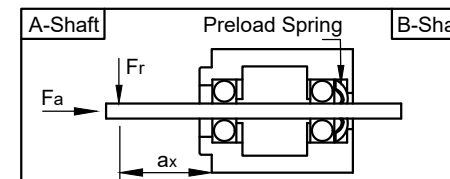


Lot No.

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	0.26
Inductance per Phase (1 kHz)	±20% mH	2.4
Holding Torque	Nm	9.3
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	300 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	
Housing color	black	



Max. Axial Force	Fa	N	60
Max. Radial Force	Fr (a1 = 20 mm)	N	220
Axial Play	Fa = 4.0 N	mm	0.08
Radial Play	Fr = 4.0 N	mm	0.02

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	
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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% 4.6 kg	
				Date	Name	ASA8618L95-W1	
				Drawn	Kolev_I		
				Reviewed	Sejdini_B		
02	rad./axial force, weight	Reith_S	02.12.2024	Released	Sejdini_B	20002414	
01	label, housing color	Kolev_I	21.08.2024				
REV	Rev. Text	Name	Date			State: Released	Rev: 02