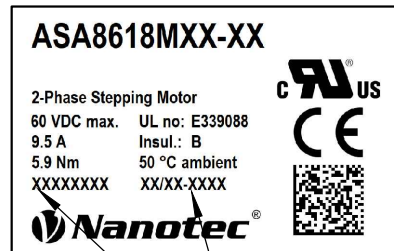


NMM1-SSI

Label details



Lot No.

A-Shaft	Preload Spring	B-Shaft
F_a	F_r	a_x
Max. Axial Force F_a	N	60
Max. Radial Force F_r ($a_1 = 20$ mm)	N	220
Axial Play $F_a = 4.0$ N	mm	0.08
Radial Play $F_r = 4.0$ 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	

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 x10 ⁻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

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% 3.4 kg		
				Date	Name	ASA8618M95-W1		
				Drawn	22.04.2024			Kolev_I
				Reviewed	07.05.2024			Sejdini_B
02	rad./axial force, weight	Reith_S	02.12.2024	Released	07.05.2024	Sejdini_B	20002415	
01	label, housing color	Kolev_I	21.08.2024					
REV	Rev. Text	Name	Date			State: Released	Rev: 02	

