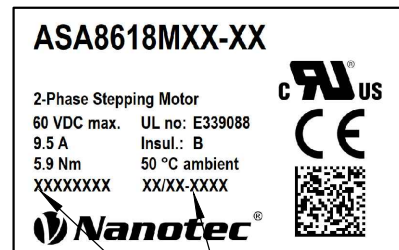


NME3-UVW-W06-05-C

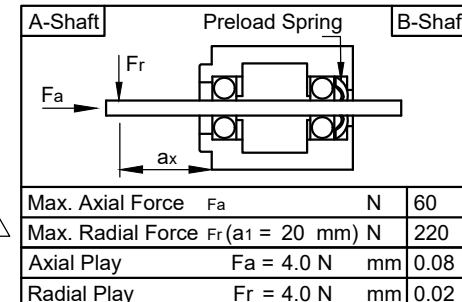
### Label details



Lot No.

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	A
2	A\
3	B
4	B\
5	GND
6	I\
7	I
8	+UB
cable shield on housing	



ENCODER SPECIFICATION		
Operating Voltage	±10% V DC	5
Resolution	cpr	4096
Resolution (cpr with quadrature)	ppr	16384
No. of Channels		3
Interface	UVW	
Signal Type	incremental	
Index / Line Driver	yes / yes	
see Datasheet Encoder for more Details		

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 <sup>2</sup>	190 x10 <sup>-6</sup>

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	<div style="text-align: center; font-size: 24px; font-weight: bold;">ASA8618M95-E3</div> <div style="text-align: right; font-size: 24px; font-weight: bold;">3</div>		
				Drawn	22.04.2024			Kolev_I
03	weight corrected	Reith_S	02.12.2024	Reviewed	07.05.2024			Sejdini_B
02	radial/axial force	Kolev_I	25.10.2024	Released	07.05.2024	Sejdini_B		
01	label, housing color	Kolev_I	21.08.2024	<div style="text-align: center; font-size: 24px; font-weight: bold;">20002413</div>			A4 Page 1	
REV	Rev. Text	Name	Date					
						State: Released	Rev: 03	
						CONFIDENTIAL		