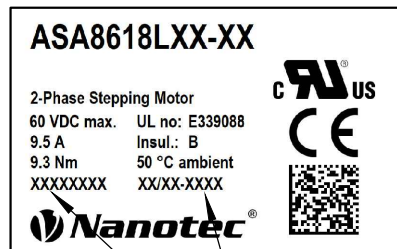


NME3-UVW-W06-05-C

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	

Label details



Lot No.

	A-Shaft	Preload Spring	B-Shaft
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

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
			Drawn	22.04.2024
			Reviewed	07.05.2024
			Released	07.05.2024
02	rad./axial force, weight	Reith_S	02.12.2024	Released
01	label, housing color	Kolev_I	21.08.2024	Released
REV	Rev. Text	Name	Date	

ASA8618L95-E3

20002416

State: Released

Rev: 02

CONFIDENTIAL

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	0.26
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