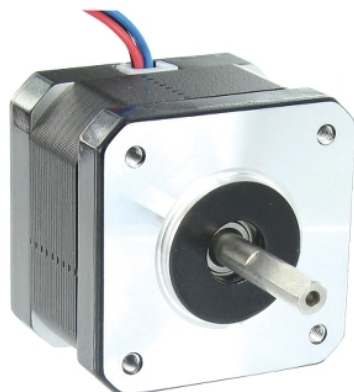


BRS2423A150

2-phase stepper motor - 0.53 N.m - shaft Ø5 mm - L=48mm - without brake - 1.5A



Main

Range compatibility	Lexium SD2
Product or component type	Motion control motor
Device short name	BRS2
Motor type	2-phase stepper motor

Complementary

Maximum mechanical speed	1800 rpm
Supply voltage limits	12...48 V DC
Mounting support	Flange
Motor flange size	42.3 mm
Length	48 mm
Number of motor stacks	3
Centring collar diameter	22 mm
Centring collar depth	2.03 mm
Number of mounting holes	4
Mounting holes diameter	3 mm
Circle diameter of the mounting holes	43.84 mm
Electrical connection	Flying lead
Holding brake	Without
Shaft end	Smooth shaft
Second shaft	Without second shaft end
Shaft diameter	5 mm
Shaft length	21.85 mm
Holding torque	0.53 N.m
Rotor inertia	0.082 kg.cm ²
Resolution	200 steps number of full steps per revolution 1.8 ° step angle
[In] rated current	1.5 A
Resistance	2 Ohm (winding)

Environment

Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-25...70 °C
Operating altitude	<= 1000 m without power derating
Relative humidity	15...85 % without condensation
IP degree of protection	IP20 conforming to IEC/EN 60034-1
Temperature class	B winding conforming to IEC/EN 60034-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20 cm
Package 1 Width	25.5 cm
Package 1 Length	32.5 cm
Package 1 Weight	402 g
Unit Type of Package 2	BB1
Number of Units in Package 2	20
Package 2 Height	20 cm
Package 2 Width	25.5 cm
Package 2 Length	32.5 cm
Package 2 Weight	8.04 kg
Unit Type of Package 3	S06
Number of Units in Package 3	160
Package 3 Height	73.5 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	77.32 kg

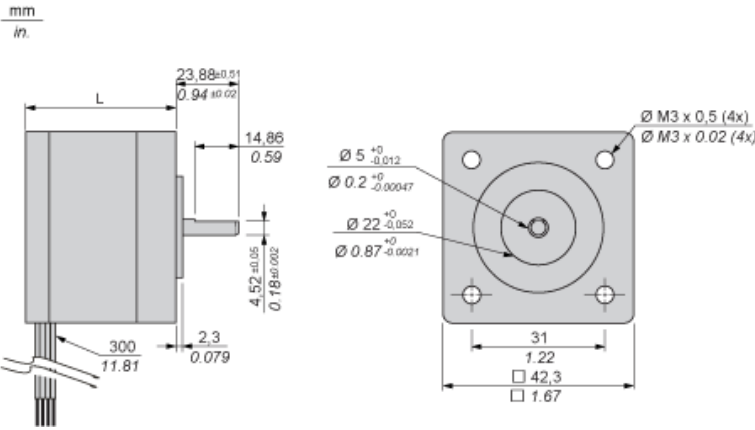
Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

Contractual warranty

Warranty	18 months
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Dimensions



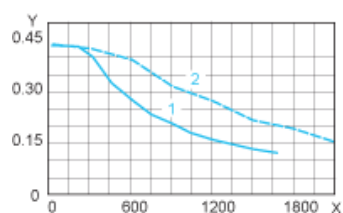
Dimensions in mm

L
48

Dimensions in in.

L
1.89

Torque Characteristics



X : Speed of rotation in rpm

Y : torque in Nm

1 : 24 VDC

2 : 48 VDC