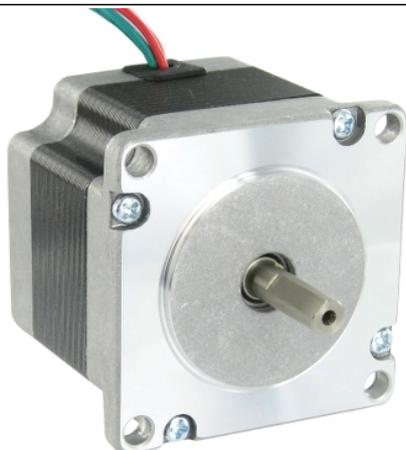


Product data sheet

Characteristics

BRS2573A300

2-phase stepper motor - 1.69 N.m - shaft
 $\tilde{\text{A}}$ 6.35 mm - L=76mm - without brake - 3A



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	56.4 mm
Length	76 mm
Number of motor stacks	3
Centring collar diameter	38 mm
Centring collar depth	1.6 mm
Number of mounting holes	4
Mounting holes diameter	5 mm
Circle diameter of the mounting holes	66.6 mm
Electrical connection	Flying lead
Holding brake	Without
Shaft end	Smooth shaft
Second shaft	Without second shaft end
Shaft diameter	6.35 mm
Shaft length	19 mm
Holding torque	1.69 N.m
Rotor inertia	0.46 kg.cm ²
Resolution	200 steps number of full steps per revolution 1.8 ° step angle
[In] rated current	3 A
Resistance	0.95 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.0 cm
Package 1 Width	29.2 cm
Package 1 Length	38.4 cm
Package 1 Weight	1.109 kg
Unit Type of Package 2	CAR
Number of Units in Package 2	10
Package 2 Height	20.0 cm
Package 2 Width	29.2 cm
Package 2 Length	38.4 cm
Package 2 Weight	11.098 kg
Unit Type of Package 3	S06
Number of Units in Package 3	40
Package 3 Height	73.5 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	57.392 kg

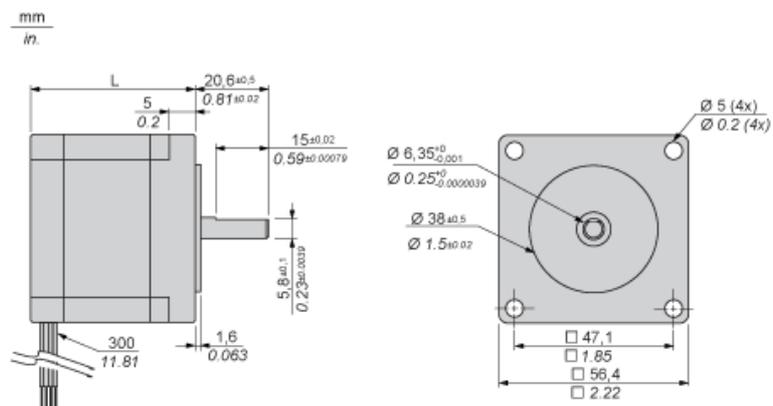
Offer Sustainability

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



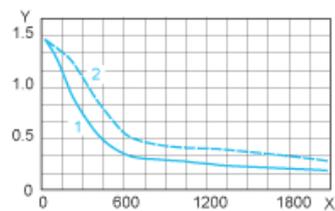
Dimensions in mm

L
76

Dimensions in in.

L
2.99

Torque Characteristics



X: Speed of rotation in rpm

Y: Torque in Nm

1: 24 VDC

2: 48 VDC