

STP-LE17-3B12ANN Cut Sheet



SureStep stepper motor linear actuator, external nut, NEMA 17 frame, IP40, triple stack, 2A, 12in lead screw length, 0.5in/rev, 0.25in lead screw diameter, screw code B, no end machining.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/STP-LE17-3B12ANN>

Technical Specifications

Brand	SureStep	Steps per Revolution	200
Item	Stepper motor linear actuator	Winding Type	Bipolar
Actuator Type	External nut	Screw Code	B
Voltage Type	DC	Driver Type	Lead screw
Motor Type	Brushless	Motor Stack Length	Triple
Number of Input Phases	2	Pitch	0.0833in
Integrated Brake	No	Screw Lead	0.5in/rev
Motor Frame	NEMA 17	Lead Screw Length	12in
IP Rating	IP40	Lead Screw Diameter	0.25in
Shaft Type	Single	Number of Thread Starts	6
Amperage Rating	2A	Connector Type	6-position male
Holding Torque Rating	85 oz-in	End Machining	None
Step Angle	1.8-degree	Includes	(1) lead screw flange nut and (1) 1ft motor cable

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/STP-LE17-3B12ANN.pdf>
See store item page for other formats.