

STP-LE17-3A12ADJ Cut Sheet



SureStep stepper motor linear actuator, external nut, encoder ready, NEMA 17 frame, IP40, triple stack, 2A, 12in lead screw length, 0.25in/rev, 0.25in lead screw diameter, screw code A, journal and groove end machining.

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



<https://www.automationdirect.com/pn/STP-LE17-3A12ADJ>

Technical Specifications

Brand	SureStep
Item	Stepper motor linear actuator
Actuator Type	External nut
Voltage Type	DC
Motor Type	Brushless
Number of Input Phases	2
Encoder Position	Encoder ready
Encoder Resolution	Encoder ready
Integrated Brake	No
Motor Frame	NEMA 17
IP Rating	IP40
Shaft Type	Dual
Amperage Rating	2A
Holding Torque Rating	85 oz-in

Step Angle	1.8-degree
Steps per Revolution	200
Winding Type	Bipolar
Screw Code	A
Driver Type	Lead screw
Motor Stack Length	Triple
Pitch	0.0625in
Screw Lead	0.25in/rev
Lead Screw Length	12in
Lead Screw Diameter	0.25in
Number of Thread Starts	4
Connector Type	6-position male
End Machining	Journal and groove
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-LE17-3A12ADJ.pdf>
See store item page for other formats.