

STP-LE17-3B12ADJ Cut Sheet



SureStep stepper motor linear actuator, external nut, encoder ready, NEMA 17 frame, IP40, triple stack, 2A, 12in lead screw length, 0.5in/rev, 0.25in lead screw diameter, screw code B, 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-LE17-3B12ADJ>

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 | B |
| Driver Type | Lead screw |
| Motor Stack Length | Triple |
| Pitch | 0.0833in |
| Screw Lead | 0.5in/rev |
| Lead Screw Length | 12in |
| Lead Screw Diameter | 0.25in |
| Number of Thread Starts | 6 |
| 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-LE17-3B12ADJ.pdf>
See store item page for other formats.