

STP-LE17-2C09ADJ Cut Sheet



SureStep stepper motor linear actuator, external nut, encoder ready, NEMA 17 frame, IP40, double stack, 2A, 9in lead screw length, 3mm/rev, 6.5mm lead screw diameter, screw code C, 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-LE17-2C09ADJ>

Technical Specifications

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|-------------------------------|-------------------------------|
| 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 | 40 oz-in |

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|--------------------------------|---|
| Step Angle | 1.8-degree |
| Steps per Revolution | 200 |
| Winding Type | Bipolar |
| Screw Code | C |
| Driver Type | Lead screw |
| Motor Stack Length | Double |
| Pitch | 1.5mm |
| Screw Lead | 3mm/rev |
| Lead Screw Length | 9in |
| Lead Screw Diameter | 6.5mm |
| Number of Thread Starts | 2 |
| Connector Type | 6-position male |
| End Machining | Journal and groove |
| Includes | (1) lead screw flange nut and (1) 1ft motor cable |

Agency Approvals

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| 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-LE17-2C09ADJ.pdf>
See store item page for other formats.