STP-MTRACH-42100D Cut Sheet

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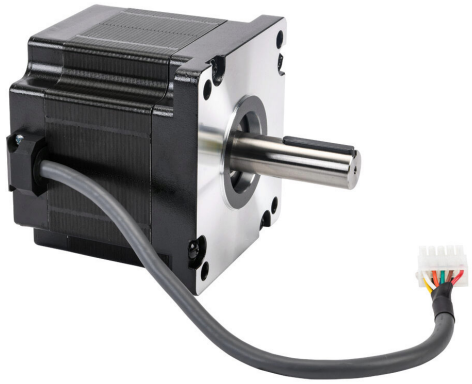

SureStep stepper motor, NEMA 42 frame, IP40, dual shaft, encoder ready, 6A, 1742 oz-in holding torque, 1.8-degree step angle, 200 steps per revolution, bipolar. Requires SureStep STP-EXT42H-xxx cable.

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

https://www.automationdirect.com/pn/STP-MTRACH-42100D

Technical Specifications

Brand	SureStep
Item	Stepper motor
Voltage Type	DC
Motor Type	Brushless
Number of Output Phases	2
Encoder Position	Encoder ready
Encoder Resolution	Encoder ready
Integrated Brake	No
Motor Frame	NEMA 42
IP Rating	IP40
Shaft Type	Dual
Front Shaft Diameter	3/4in

Rear Shaft Diameter	1/2in
Amperage Rating	6A
Holding Torque Rating	1742 oz-in
Step Angle	1.8-degree
Steps per Revolution	200
Winding Type	Bipolar
Connector Type	10-pin male
Requires	SureStep STP-EXT42H-xxx cable
Additional Information	Motors can be wired in series or parallel configuration. Encoder installation requires STP-MTRA-42ENC mounting plate

Agency Approvals

UL Listed File #	None
UL Recognized File #	E245050
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-MTRACH-42100D.pdf
See store item page for other formats.