

SV2H-255B Cut Sheet



SureServo2 high inertia AC brushless servo motor, 5.5 kW, 3-phase input, 24-bit (16777216 ppr) encoder, integrated brake. For use with SureServo2 SV2A-2550 5.5 kW drive.

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



<https://www.automationdirect.com/pn/SV2H-255B>

Technical Specifications

Brand	SureServo2
Item	Servo motor
Performance Level	High inertia
Voltage Type	AC
Motor Type	Brushless
Power Rating	5.5 kW
Number of Input Phases	3
Rated Speed	1500rpm
Maximum Speed	3000rpm
Amperage Rating	40.1A
Holding Torque Rating	310 lb-in
Encoder Resolution	24-bit (16777216 ppr)
Integrated Brake	Yes
Motor Frame	180mm
IP Rating	IP65
Shaft Type	Single
Shaft Diameter	42mm
Steps per Revolution	Up to 24-bit (16777216 ppr)
For Use With	SureServo2 SV2A-2550 5.5 kW drive
Includes	(3) integrated MS connectors for encoder, power and brake cables
Requires	SureServo2 SV2C-Pxxx power cable, SV2C-Exxx encoder cable and SV2C-Bxxx brake cable

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