

SV2M-220B Cut Sheet



SureServo2 medium inertia AC brushless servo motor, 2 kW, 3-phase input, 24-bit (16777216 ppr) encoder, integrated brake. For use with SureServo2 SV2A-2200 2 kW drive.

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



<https://www.automationdirect.com/pn/SV2M-220B>

Technical Specifications

Brand	SureServo2
Item	Servo motor
Performance Level	Medium inertia
Voltage Type	AC
Motor Type	Brushless
Power Rating	2 kW
Number of Input Phases	3
Rated Speed	2000rpm
Maximum Speed	3000rpm
Amperage Rating	12.1A
Holding Torque Rating	84.5 lb-in
Encoder Resolution	24-bit (16777216 ppr)
Integrated Brake	Yes
Motor Frame	180mm
IP Rating	IP65
Shaft Type	Single
Shaft Diameter	35mm
Steps per Revolution	Up to 24-bit (16777216 ppr)
For Use With	SureServo2 SV2A-2200 2 kW drive
Includes	(2) integrated MS connectors for encoder and power cables
Requires	SureServo2 SV2C-Pxxx power cable and SV2C-Exxx encoder 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