

SV2H-4F0B Cut Sheet



SureServo2 high inertia AC brushless servo motor, 15 kW, 3-phase input, 24-bit (16777216 ppr) encoder, integrated brake. For use with SureServo2 SV2A-4F00 15 kW drive.

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



<https://www.automationdirect.com/pn/SV2H-4F0B>

Technical Specifications

| | |
|-------------------------------|-----------------------|
| Brand | SureServo2 |
| Item | Servo motor |
| Performance Level | High inertia |
| Voltage Type | AC |
| Motor Type | Brushless |
| Power Rating | 15 kW |
| Number of Input Phases | 3 |
| Rated Speed | 1500rpm |
| Maximum Speed | 2000rpm |
| Amperage Rating | 37.5A |
| Holding Torque Rating | 844 lb-in |
| Encoder Resolution | 24-bit (16777216 ppr) |

| | |
|-----------------------------|---|
| Integrated Brake | Yes |
| Motor Frame | 220mm |
| IP Rating | IP65 |
| Shaft Type | Single |
| Shaft Diameter | 55mm |
| Steps per Revolution | Up to 24-bit (16777216 ppr) |
| For Use With | SureServo2 SV2A-4F00 15 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 |

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/SV2H-4F0B.pdf>
See store item page for other formats.