

V3 Series Variable Frequency Drive Datasheet

Model: V3-540900-3F1N-T

60 HP (45 kW), 90 A, 380-480 V, 3PH
IP55 Variable Frequency Drive with EMC Filter and TFT Display

Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 380-480 V |
| Input Phases | 3 |
| Supply Current Continuous | 75.9 A |
| Supply Fuse or MCB (Type B) | 100 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 60 HP (45 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 90 A |

Cable Information

| | |
|------------------------|-----------------------------|
| Max Supply Cable Size | 2 AWG (35 mm ²) |
| Max Motor Cable Size | 2 AWG (35 mm ²) |
| Max Motor Cable Length | 328 ft (100 m) |

Factory Build Options

| | |
|------------------|---------------------|
| EMC Filter | Internal EMC |
| Brake Transistor | No Brake Transistor |
| Enclosure | NEMA 12 (IP55) |
| Display | TFT Display |
| PCB Coating | Standard |

Drive Dimensions

| | |
|---------|-------------------|
| Size | 5 |
| Height | 21.26 in (540 mm) |
| Width | 9.25 in (235 mm) |
| Depth | 10.63 in (270 mm) |
| Weight | 50.71 lbs (23 kg) |
| Fixings | 4 x M8 |

Packaged Dimensions

| | |
|--------|-------------------|
| Height | 23.43 in (595 mm) |
| Width | 13.78 in (350 mm) |
| Depth | 14.76 in (375 mm) |
| Weight | 55.12 lbs (25 kg) |

Drive color depicted doesn't reflect actual drive color
Black Outershell - RAL Name: Jet Black | RAL Number: 9005 | Hex Code #0A0A0A
Gray Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6

