V3 Series Variable Frequency Drive Datasheet

Model: V3-540900-3F12-T

60 HP (45 kW), 90 A, 380-480 V, 3PH
IP20 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 mm²)
Max Motor Cable Size	2 AWG (35 mm²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	No Brake Transistor
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

Drive Dimensions

Size	5
Height	19.13 in (486 mm)
Width	9.17 in (233 mm)
Depth	10.24 in (260 mm)
Weight	39.9 lbs (18.1 kg)
Fixings	4 x M8

Packaged Dimensions

Height	14.02 in (356 mm)
Width	13.23 in (336 mm)
Depth	25.91 in (658 mm)
Weight	44.31 lbs (20.1 kg)

* Consult factory for additional communication options.

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

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