V3 Series Variable Frequency Drive Datasheet

Model: V3-642020-3F12-T

175 HP (110 kW), 202 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	189.8 A
Supply Fuse or MCB (Type B)	250 A

Output Ratings

Motor Output Rating	175 HP (110 kW)
Output Voltage	0 to Supply Voltage
Output Current	202 A

Cable Information

Max Supply Cable Size	300 MCM (150 mm²)
Max Motor Cable Size	300 MCM (150 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	6B
Height	28.58 in (726 mm)
Width	12.99 in (330 mm)
Depth	12.6 in (320 mm)
Weight	94.8 lbs (43 kg)
Fixings	-

Packaged Dimensions

Height	14.96 in (380 mm)
Width	14.76 in (375 mm)
Depth	30.91 in (785 mm)
Weight	101.41 lbs (46 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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