V3 Series Variable Frequency Drive Datasheet

Model: V3-742020-3F1N-T

175 HP (110 kW), 202 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	205.9 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	NEMA 12 (IP55)
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

Drive Dimensions

Size	7
Height	50.39 in (1280 mm)
Width	12.99 in (330 mm)
Depth	14.09 in (358 mm)
Weight	196.21 lbs (89 kg)
Fixings	4 x M10

Packaged Dimensions

Height	55.91 in (1420 mm)
Width	21.26 in (540 mm)
Depth	22.05 in (560 mm)
Weight	211.64 lbs (96 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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