

# V3 Series Variable Frequency Drive Datasheet

Model: V3-220105-3F12-T

**3 HP (2.2 kW), 10.5 A, 200-240 V, 3PH**  
**IP20 Variable Frequency Drive with EMC Filter and TFT Display**

## Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	9.6 A
Supply Fuse or MCB (Type B)	16 A

## Output Ratings

Motor Output Rating	3 HP (2.2 kW)
Output Voltage	0 to Supply Voltage
Output Current	10.5 A

## Cable Information

Max Supply Cable Size	8 AWG (8 mm <sup>2</sup> )
Max Motor Cable Size	8 AWG (8 mm <sup>2</sup> )
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

## Drive Dimensions

Size	2
Height	8.7 in (221 mm)
Width	4.33 in (110 mm)
Depth	7.28 in (185 mm)
Weight	3.97 lbs (1.8 kg)
Fixings	4 x M4

## Packaged Dimensions

Height	10.43 in (265 mm)
Width	5.71 in (145 mm)
Depth	9.06 in (230 mm)
Weight	4.19 lbs (1.9 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

