

# V3 Series Variable Frequency Drive Datasheet

Model: V3-320180-3F12-T

**5 HP (4 kW), 18 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	14 A
Supply Fuse or MCB (Type B)	16 A

## Output Ratings

Motor Output Rating	5 HP (4 kW)
Output Voltage	0 to Supply Voltage
Output Current	18 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	3
Height	10.28 in (261 mm)
Width	5.16 in (131 mm)
Depth	8.07 in (205 mm)
Weight	7.72 lbs (3.5 kg)
Fixings	4 x M4

## Packaged Dimensions

Height	12.8 in (325 mm)
Width	6.5 in (165 mm)
Depth	10.24 in (260 mm)
Weight	8.16 lbs (3.7 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

