

# E3 Series Variable Frequency Drive Datasheet

Model: E3-340180-3F42

**10 HP (7.5 kW), 18 A, 380-480 V, 3PH**  
**IP20 Variable Frequency Drive with EMC Filter**

## Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	21.2 A
Supply Fuse or MCB (Type B)	32 A

## Output Ratings

Motor Output Rating	10 HP (7.5 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 Filter
Brake Transistor	Internal Brake Transistor
Minimum Brake Resistance	100 Ω
Enclosure	IP20
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

## Drive Dimensions

Size	3
Height	10.28 in (261 mm)
Width	5.16 in (131 mm)
Depth	6.89 in (175 mm)
Weight	7.05 lbs (3.2 kg)
Fixings	4 x M5

## Packaged Dimensions

Height	10 in (254 mm)
Width	6.38 in (162 mm)
Depth	12.4 in (315 mm)
Weight	7.72 lbs (3.5 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

