

# E3 Series Variable Frequency Drive Datasheet

Model: E3-420460-3F42

**15 HP (11 kW), 46 A, 200-240 V, 3PH**  
**IP20 Variable Frequency Drive with EMC Filter**

## Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	50.1 A
Supply Fuse or MCB (Type B)	63 A

## Output Ratings

Motor Output Rating	15 HP (11 kW)
Output Voltage	0 to Supply Voltage
Output Current	46 A

## Cable Information

Max Supply Cable Size	6 AWG (16 mm <sup>2</sup> )
Max Motor Cable Size	6 AWG (16 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	10 Ω
Enclosure	IP20
Display	LED

## Drive Dimensions

Size	4
Height	16.54 in (420 mm)
Width	6.73 in (171 mm)
Depth	8.35 in (212 mm)
Weight	20.06 lbs (9.1 kg)
Fixings	4 x M8

## Packaged Dimensions

Height	13.39 in (340 mm)
Width	11.1 in (282 mm)
Depth	22.05 in (560 mm)
Weight	23.15 lbs (10.5 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

