

# E3 Series Variable Frequency Drive Datasheet

Model: E3-440460-3F4B

**30 HP (22 kW), 46 A, 380-480 V, 3PH**  
**IP66 Outdoor Switched Variable Frequency Drive with EMC Filter**

## Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	51.9 A
Supply Fuse or MCB (Type B)	63 A

## Output Ratings

Motor Output Rating	30 HP (22 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	22 Ω
Enclosure	NEMA 4X (IP66) Switched
Display	LED

## Drive Dimensions

Size	4
Height	14.17 in (360 mm)
Width	9.45 in (240 mm)
Depth	10.67 in (271 mm)
Weight	20.94 lbs (9.5 kg)
Fixings	4 x M4

## Packaged Dimensions

Height	12.8 in (325 mm)
Width	11.61 in (295 mm)
Depth	16.73 in (425 mm)
Weight	25.35 lbs (11.5 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

