

# E3 Series Variable Frequency Drive Datasheet

Model: E3-540610-3F42

**40 HP (30 kW), 61 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	56.3 A
Supply Fuse or MCB (Type B)	80 A

## Output Ratings

Motor Output Rating	40 HP (30 kW)
Output Voltage	0 to Supply Voltage
Output Current	61 A

## Cable Information

Max Supply Cable Size	2 AWG (35 mm <sup>2</sup> )
Max Motor Cable Size	2 AWG (35 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	15 Ω
Enclosure	IP20
Display	LED
DC Choke	Included

## Drive Dimensions

Size	5
Height	19.13 in (486 mm)
Width	8.74 in (222 mm)
Depth	8.9 in (226 mm)
Weight	39.9 lbs (18.1 kg)
Fixings	4 x M8

## Packaged Dimensions

Height	14.02 in (356 mm)
Width	13.23 in (336 mm)
Depth	25.91 in (658 mm)
Weight	41.89 lbs (19 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

