E3 Series Variable Frequency Drive Datasheet

Model: E3-440460-3F42

30 HP (22 kW), 46 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	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 mm²)
Max Motor Cable Size	6 AWG (16 mm²)
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	IP20
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

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)



* 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

Bardac Drives 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com