# E3 Series Variable Frequency Drive Datasheet

Model: E3-120043-3F12

**1 HP (0.75 kW), 4.3 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 | 5.6 A |
| Supply Fuse or MCB (Type B) | 10 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 1 HP (0.75 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 4.3 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Length | 328 ft (100 m) |

## Factory Build Options

| | |
|---|---|
| EMC Filter | Internal EMC Filter |
| Brake Transistor | No Internal Brake Transistor |
| Enclosure | IP20 |
| Display | LED |
| Communication Protocols | ModbusRTU, CANopen, and more* |

## Drive Dimensions

| | |
|---|---|
| Size | 1 |
| Height | 6.81 in (173 mm) |
| Width | 3.27 in (83 mm) |
| Depth | 4.84 in (123 mm) |
| Weight | 2.2 lbs (1 kg) |
| Fixings | 4 x M5 |

## Packaged Dimensions

| | |
|---|---|
| Height | 6.5 in (165 mm) |
| Width | 4.92 in (125 mm) |
| Depth | 9.25 in (235 mm) |
| Weight | 2.65 lbs (1.2 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

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