# E3 Series Variable Frequency Drive Datasheet

Model: E3-440460-3042

**30 HP (22 kW), 46 A, 380-480 V, 3PH**
**IP20 Variable Frequency Drive**




## 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 | No 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

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