

E3 Series Variable Frequency Drive Datasheet

Model: E3-420300-3F42

10 HP (7.5 kW), 30 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 | 33.3 A |
| Supply Fuse or MCB (Type B) | 40 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 10 HP (7.5 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 30 A |

Cable Information

| | |
|------------------------|-----------------------------|
| Max Supply Cable Size | 6 AWG (16 mm ²) |
| Max Motor Cable Size | 6 AWG (16 mm ²) |
| 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 |

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) |

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

