

# E3 Series Variable Frequency Drive Datasheet

Model: E3-220070-1042

**2 HP (1.5 kW), 7 A, 200-240 V, 1-3PH  
IP20 Variable Frequency Drive**

## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 1         |
| Supply Current Continuous   | 12.9 A    |
| Supply Fuse or MCB (Type B) | 16 A      |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 2 HP (1.5 kW)       |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 7 A                 |

## Cable Information

|                        |                            |
|------------------------|----------------------------|
| Max Supply Cable Size  | 8 AWG (8 mm <sup>2</sup> ) |
| Max Motor Cable Size   | 8 AWG (8 mm <sup>2</sup> ) |
| 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 | 100 Ω                     |
| Enclosure                | IP20                      |
| Display                  | LED                       |

## Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 8.7 in (221 mm)   |
| Width   | 4.33 in (110 mm)  |
| Depth   | 5.91 in (150 mm)  |
| Weight  | 3.75 lbs (1.7 kg) |
| Fixings | 4 x M5            |

## Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 9.21 in (234 mm)  |
| Width  | 5.67 in (144 mm)  |
| Depth  | 10.24 in (260 mm) |
| Weight | 4.19 lbs (1.9 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

