

# E3 Series Variable Frequency Drive Datasheet

Model: E3-520720-3F42

**25 HP (18.5 kW), 72 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   | 67.6 A    |
| Supply Fuse or MCB (Type B) | 100 A     |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 25 HP (18.5 kW)     |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 72 A                |

## Cable Information

|                        |                             |
|------------------------|-----------------------------|
| Max Supply Cable Size  | 2 AWG (35 mm <sup>2</sup> ) |
| Max Motor Cable Size   | 2 AWG (35 mm <sup>2</sup> ) |
| Max Motor Cable Length | 328 ft (100 m)              |

## Factory Build Options

|                          |                           |
|--------------------------|---------------------------|
| EMC Filter               | Internal EMC Filter       |
| Brake Transistor         | Internal Brake Transistor |
| Minimum Brake Resistance | 10 Ω                      |
| Enclosure                | IP20                      |
| Display                  | LED                       |
| DC Choke                 | Included                  |

## Drive Dimensions

|         |                    |
|---------|--------------------|
| Size    | 5                  |
| Height  | 19.13 in (486 mm)  |
| Width   | 8.74 in (222 mm)   |
| Depth   | 9.17 in (233 mm)   |
| Weight  | 39.9 lbs (18.1 kg) |
| Fixings | 4 x M8             |

## Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 14.02 in (356 mm) |
| Width  | 13.23 in (336 mm) |
| Depth  | 25.91 in (658 mm) |
| Weight | 41.89 lbs (19 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

