

# ODE-3-540720-3F42

Optidrive E3 VFD Datasheet

**37 kW (50 HP), 72 A, 380-480 V, 3PH**  
IP20 Variable Frequency Drive with EMC Filter



### Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	67.6 A
Supply Fuse or MCB (Type B)	100 A

### Output Ratings

Motor Output Rating	37 kW (50 HP)
Output Voltage	0 – Supply Voltage
Output Current	72 A

### Cable Information

Max Supply Cable Size	35 mm <sup>2</sup> (0.05 sq in)
Max Motor Cable Size	35 mm <sup>2</sup> (0.05 sq in)
Max Motor Cable Length	100 m (328 ft)

### Factory Build Options

EMC Filter	Internal EMC Filter
Brake Transistor	Internal Brake Transistor
Enclosure	IP20
Display	LED
PCB Coating	-


### Dimensions

Size	5
Height	486 mm (19.13 in)
Width	222 mm (8.74 in)
Depth	226 mm (8.9 in)
Weight	18.1 kg (39.9 lbs)
Fixings	4 x M8

### Packaged Dimensions

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



 **Buy this drive or get more information**  
Find your local sales partner on [invertekdrives.com](http://invertekdrives.com)



# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



**Buy this drive or get more information**

Find your local sales partner on  
[invertekdrives.com](http://invertekdrives.com)

