

# P2 Series Variable Frequency Drive Datasheet

Model: P2-62040-3HF42-T

**40 HP (30 kW), 110 A, 200-240 V, 3PH**  
**IP20 Variable Frequency Drive with EMC Filter and TFT Display**

## Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	97.8 A
Supply Fuse or MCB (Type B)	125 A

## Output Ratings

Motor Output Rating	40 HP (30 kW)
Output Voltage	0 to Supply Voltage
Output Current	110 A

## Cable Information

Max Supply Cable Size	300 MCM (150 mm <sup>2</sup> )
Max Motor Cable Size	300 MCM (150 mm <sup>2</sup> )
Max Motor Cable Length	328 ft (100 m)

## Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	Internal
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard

## Drive Dimensions

Size	6A
Height	24.17 in (614mm)
Width	11.26 in (286mm)
Depth	12.6 in (320 mm)
Weight	70.55 lbs (32 kg)
Fixings	-

## Packaged Dimensions

Height	14.96 in (380mm)
Width	14.76 in (375mm)
Depth	30.71 in (780mm)
Weight	77.16 lbs (35 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



## Environmental Ratings

Ambient Temperature	14 - 122°F (-10 - 50°C)
Altitude	<= 1000m
	With Derating: <= 4000m