

# P2 Series Variable Frequency Drive Datasheet

Model: P2-42100-3HF42-T

**10 HP (7.5 kW), 30 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	36.4 A
Supply Fuse or MCB (Type B)	50 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 <sup>2</sup> )
Max Motor Cable Size	6 AWG (16 mm <sup>2</sup> )
Max Motor Cable Length	328 ft (100 m)

## Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	Internal
Minimum Brake Resistance	22 Ω
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard

## Drive Dimensions

Size	4
Height	16.46 in (418mm)
Width	6.77 in (172mm)
Depth	9.45 in (240 mm)
Weight	20.28 lbs (9.2 kg)
Fixings	4 x M8

## Packaged Dimensions

Height	13.39 in (340mm)
Width	11.02 in (280mm)
Depth	22.05 in (560mm)
Weight	24.69 lbs (11.2 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

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