

P2 Series Variable Frequency Drive Datasheet

Model: P2-64175-3HF42-T

175 HP (110 kW), 202 A, 380-480 V, 3PH
IP20 Variable Frequency Drive with EMC Filter and TFT Display

Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	210.8 A
Supply Fuse or MCB (Type B)	250 A

Output Ratings

Motor Output Rating	175 HP (110 kW)
Output Voltage	0 to Supply Voltage
Output Current	202 A

Cable Information

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

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	Internal
Minimum Brake Resistance	6 Ω
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard
DC Choke	Included

Drive Dimensions

Size	6B
Height	28.58 in (726mm)
Width	12.99 in (330mm)
Depth	12.6 in (320 mm)
Weight	94.8 lbs (43 kg)
Fixings	-

Packaged Dimensions

Height	14.96 in (380mm)
Width	14.76 in (375mm)
Depth	30.91 in (785mm)
Weight	101.41 lbs (46 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