P2 Series Variable Frequency Drive Datasheet

Model: P2-36150-3H042-T

15 HP (11 kW), 17 A, 500-600 V, 3PH
IP20 Variable Frequency Drive with TFT Display



Input Ratings

Supply Voltage	500-600 V
Input Phases	3
Supply Current Continuous	20.6 A
Supply Fuse or MCB (Type B)	25 A

Output Ratings

Motor Output Rating	15 HP (11 kW)
Output Voltage	0 to Supply Voltage
Output Current	17 A

Cable Information

Max Supply Cable Size	8 AWG (8 mm²)
Max Motor Cable Size	8 AWG (8 mm²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	No Internal EMC
Brake Transistor	Internal
Minimum Brake Resistance	50 Ω
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard
Communication Protocols	ModbusRTU, CANopen, and more*

Drive Dimensions

Size	3
Height	10.28 in (261mm)
Width	5.16 in (131mm)
Depth	8.07 in (205 mm)
Weight	7.72 lbs (3.5 kg)
Fixings	4 x M4

Packaged Dimensions

Height	12.8 in (325mm)
Width	6.5 in (165mm)
Depth	10.24 in (260mm)
Weight	8.16 lbs (3.7 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

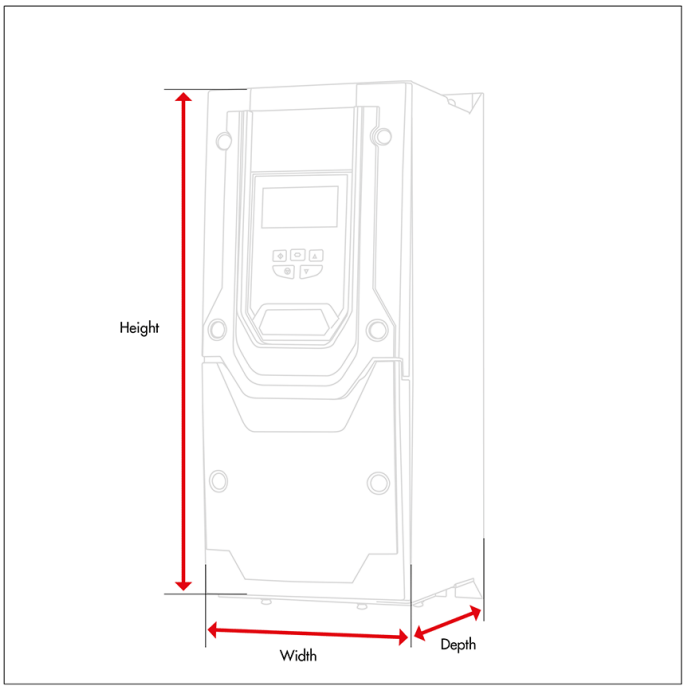
Bardac Drives 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com

Environmental Ratings

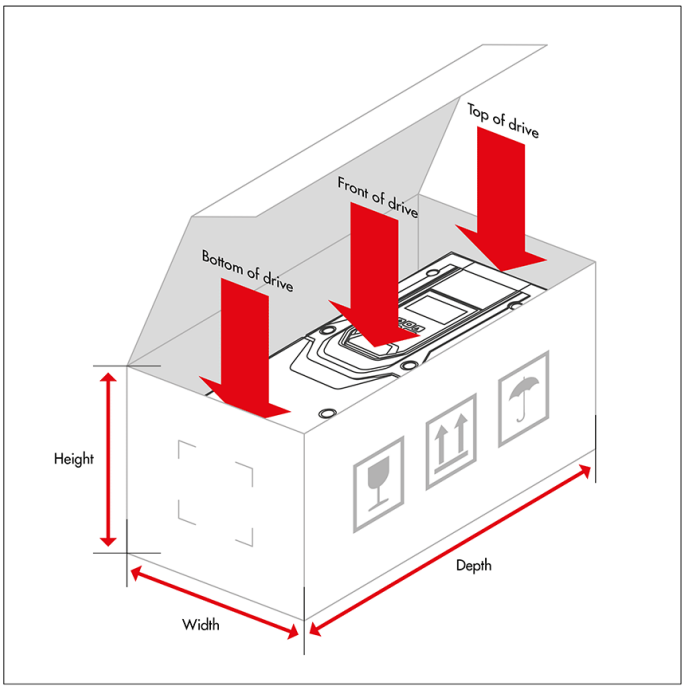
Temperature	14 - 122°F (-10 - 50°C)
Altitude	<= 1000m With Derating: <= 4000m

* Consult factory for additional communication options.

How we measure our drives and packaging



Drive Dimensions



Package Dimensions