P2 Series Variable Frequency Drive Datasheet

Model: P2-62050-3HF42-T

50 HP (37 kW), 150 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	139.7 A
Supply Fuse or MCB (Type B)	200 A

Output Ratings

Motor Output Rating	50 HP (37 kW)
Output Voltage	0 to Supply Voltage
Output Current	150 A

Cable Information

Max Supply Cable Size	300 MCM (150 mm²)
Max Motor Cable Size	300 MCM (150 mm²)
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
Communication Protocols	ModbusRTU, CANopen, and more*
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

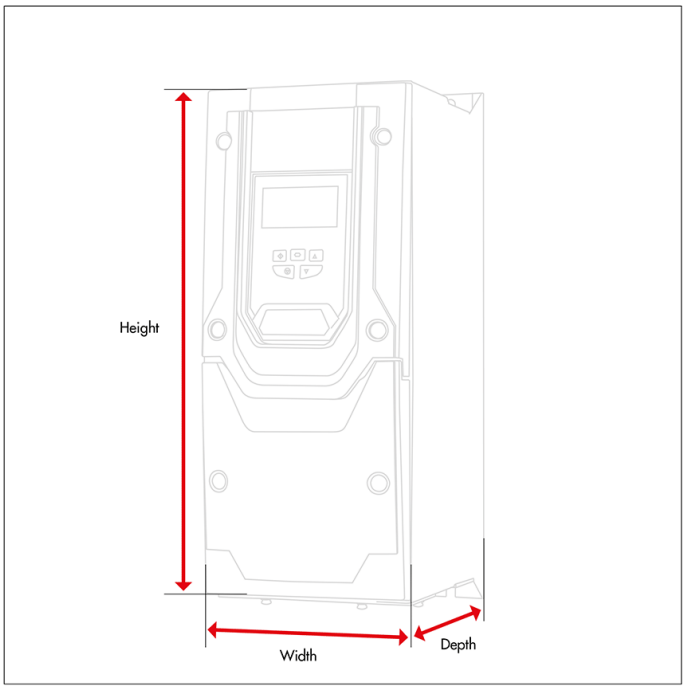
Bardac Drives 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com

Environmental Ratings

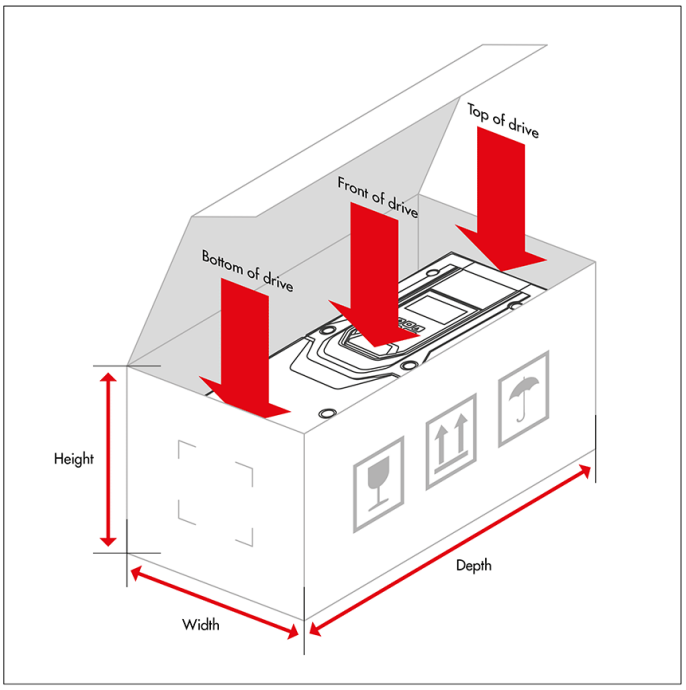
Temperature	14 - 122°F (-10 - 50°C)
Altitude	<= 1000m With Derating: <= 4000m

* Consult factory for additional communication options.

How we measure our drives and packaging



Drive Dimensions



Package Dimensions