# P2 Series Variable Frequency Drive Datasheet

Model: P2-36200-3H042-T

**20 HP (15 kW), 22 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 | 26.7 A |
| Supply Fuse or MCB (Type B) | 32 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 20 HP (15 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 22 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 | 33 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

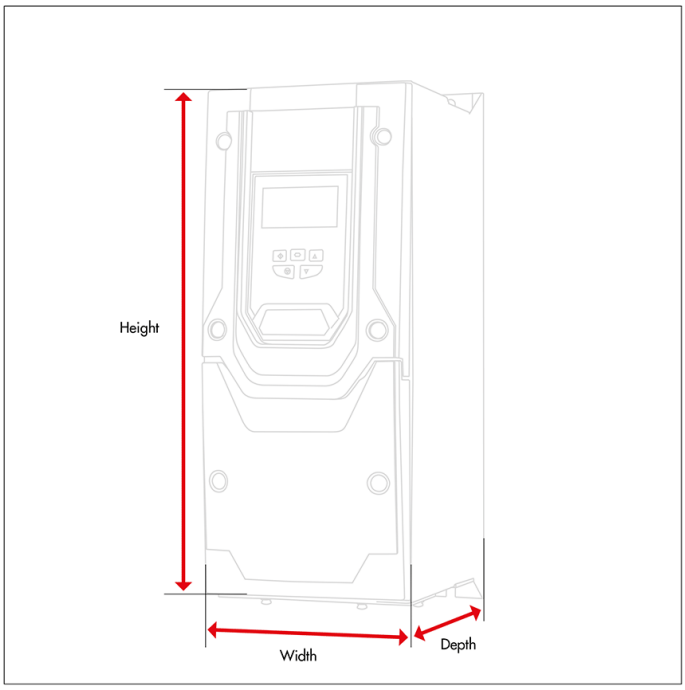
**Bardac Drives** 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com

## Environmental Ratings

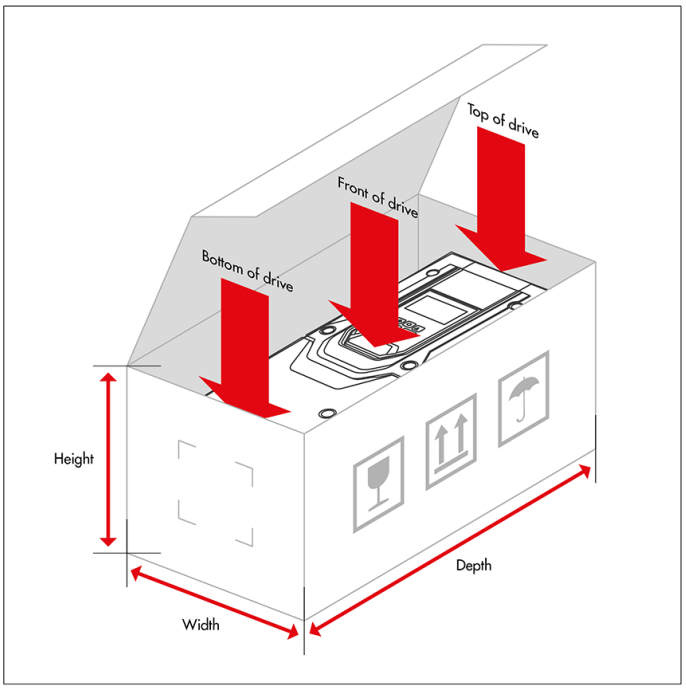
| | |
|---|---|
| Temperature | 14 - 122°F (-10 - 50°C) |
| Altitude | <= 1000m<br>With Derating: <= 4000m |

* Consult factory for additional communication options.

## How we measure our drives and packaging




Drive Dimensions




Package Dimensions