

AVAILABLE MOUNTING CONFIGURATIONS

2B-VM VERTICAL CLOSE COUPLED

OPERATING LEVELS

| | | |
|----------------|----------|------------------------|
| MIN FLOW | 20 GPM | 4.54 m ³ /h |
| MAX FLOW | 220 GPM | 50 m ³ /h |
| DISCHARGE SIZE | 2" | 51 mm |
| SUCTION SIZE | 2.5" | 64 mm |
| MAX SPEED | 3450 RPM | 3450 RPM |
| SHUT-OFF HEAD | 106' | 32.3 m |
| BEP HEAD | 86' | 26.2 m |
| BEP FLOW | 155 GPM | 35.2 m ³ /h |
| BEP | 72% | 72% |

| PARTS | STANDARD MATERIAL (ALL IRON) |
|-----------------|--|
| VOLUTE | CAST IRON |
| IMPELLER | CAST IRON |
| MECHANICAL SEAL | T-21 SINGLE CARBON-CERAMIC WITH BUNA O-RING SEAT AND STAINLESS STEEL METAL PARTS |
| MOTOR | TEFC WITH DRIP CAP |

- Ideally suited for OEM booster applications
- Back pull-out design
- Heavy duty cast iron construction
- Off the shelf availability from various locations
- Two-year factory warranty
- Rotating assembly retrofits into most competitors' volutes



A typical picture of the pump is shown. Please contact Cornell Pump Company for further details. All information is approximate and for general guidance only.

The 2B Edge End Gun Booster pump is designed with Cornell's renowned quality and durability. It features a 2" discharge, 2.5" suction, and enclosed impeller. Cornell's patented Cycloseal® design is standard.

- Performance meets or exceeds competition
- Motor built to Cornell's specifications
- Motor thermostat - Auto reset
- Weight: 128 lbs.
- Locked bearing for vertical mounting



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

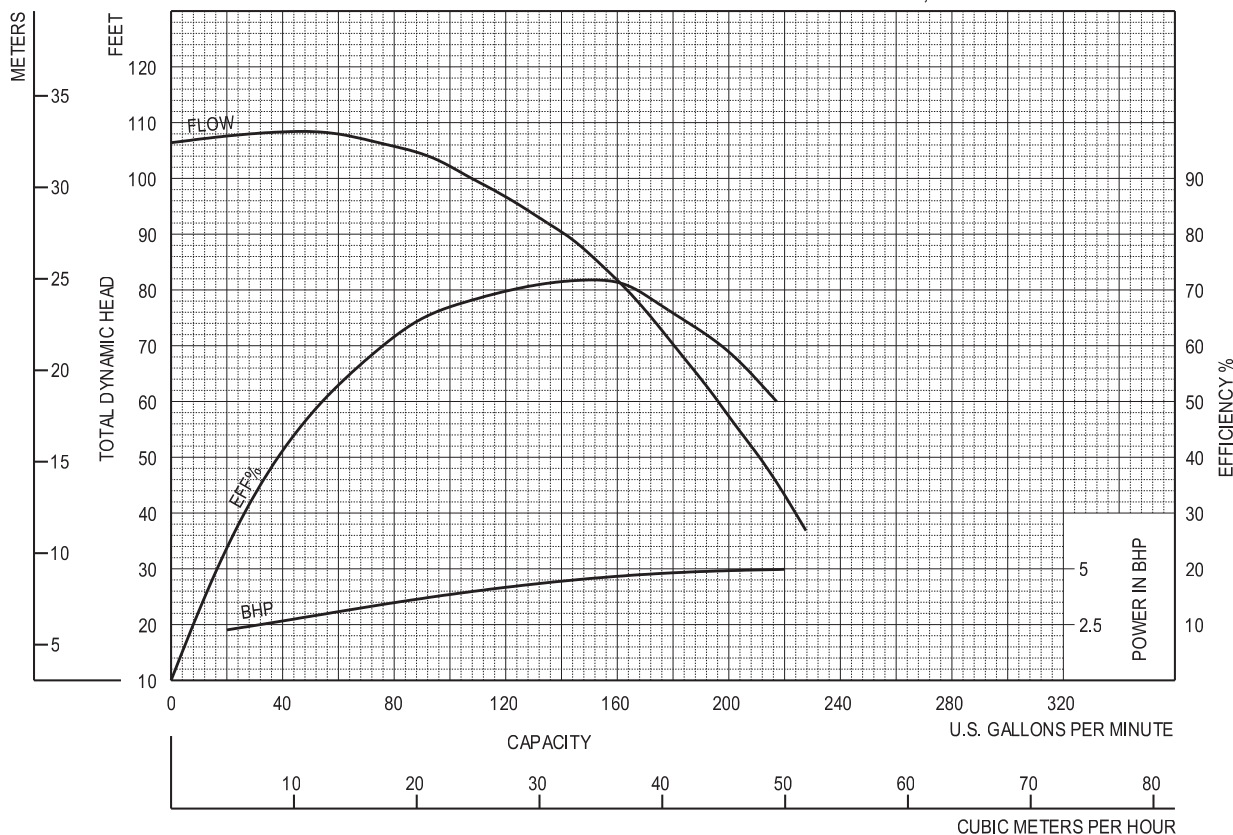


Feet x .305 = Meters
Inches x 25.4 = Millimeters
GPM x .227 = Cubic Meters/Hour
GPM x 3.785 = Liters/Minute
HP x .746 = KW

| Speed | Impeller Dia. | Style | Solids Dia. | N _S | Suction | Discharge | No. vanes |
|-------|---------------|--------|-------------|----------------|---------|-----------|-----------|
| 3450 | 5.25" | CLOSED | .43" | 1344 | 2.5" | 2" | 6 |

SINGLE VOLUTE

MOUNTING CONFIG.: CC, VM



Performances shown are for cool water, close-coupled electric configuration with Cyclo seal ®. Other mounting configurations, seal arrangements or liquids may require horsepower and/or performance adjustments.

SUPERSEDES 11/08/10

2B36

6/27/12



Cornell Pump Company • Portland, Oregon

2B END GUN BOOSTER