

6NHTB



***NOW STOCKED IN CD4MCu**

MOUNTING CONFIGURATIONS

| |
|--------------------------------------|
| 6NHTB-RP-F Redi-Prime® Frame Mount |
| 6NHTB-RP-EM Redi-Prime® Engine Mount |
| 6NHTB-F Frame Mount |
| 6NHTB-EM Engine Mount |
| 6NHTB-VC Vertical Close-Coupled |
| 6NHTB-VF Vertical Frame Mount |
| 6NHTB-CC Close-Coupled Mount |

STOCK MATERIALS

ALL IRON, CD4MCu

OPERATING LEVELS

| | | |
|-------------------------|----------|------------|
| MAX FLOW: | 4000 GPM | 252.33 L/S |
| DISCHARGE SIZE: | 6" | 15.2 cm |
| SUCTION SIZE: | 10" | 25.4 cm |
| SOLIDS HANDLING: | 3.38" | 8.6 cm |
| RPM MAX: | 1800 | 1800 |
| MAX HEAD: | 350' | 107 m |



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.

Pump designed with Cornell's renowned quality and durability. Features a 6" discharge and a 10" suction. Available in All Iron and CD4MCu materials. Cd4MCu is usable in pH's of 2 to 13.5, with Brinell hardness of up to 285. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Bearings are heavy-duty, grease lubricated, deep ball bearings with a minimum of 50,000 hours bearing life.

| | ALL IRON | CD4MCu |
|----------------------|-----------------------------|---|
| WEAR RINGS: | CAST IRON ASTM A48 Class 30 | 2205 Duplex Stainless Steel |
| IMPELLER: | CAST IRON ASTM A48 Class 30 | CD4MCu Stainless Steel ASTM A890 Grade 1A |
| VOLUTE: | CAST IRON ASTM A48 Class 30 | CD4MCu Stainless Steel ASTM A890 Grade 1A |
| SHAFT: | Stressproof Steel ATSM 1144 | 17-4PH Stainless Steel H1075 |
| SHAFT SLEEVE: | 416 Stainless Steel | 316 Stainless Steel |

- Excellent NPSHr
- High head
- Large solids handling
- Premium hydraulic efficiency
- Heavy duty shaft
- Thick wall castings

- Cycloseal® design mechanical seal
- Heavy duty construction
- RunDry™ option (Indefinite run dry capability)
- Redi-Prime® fully automatic self-priming, dry-priming available



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

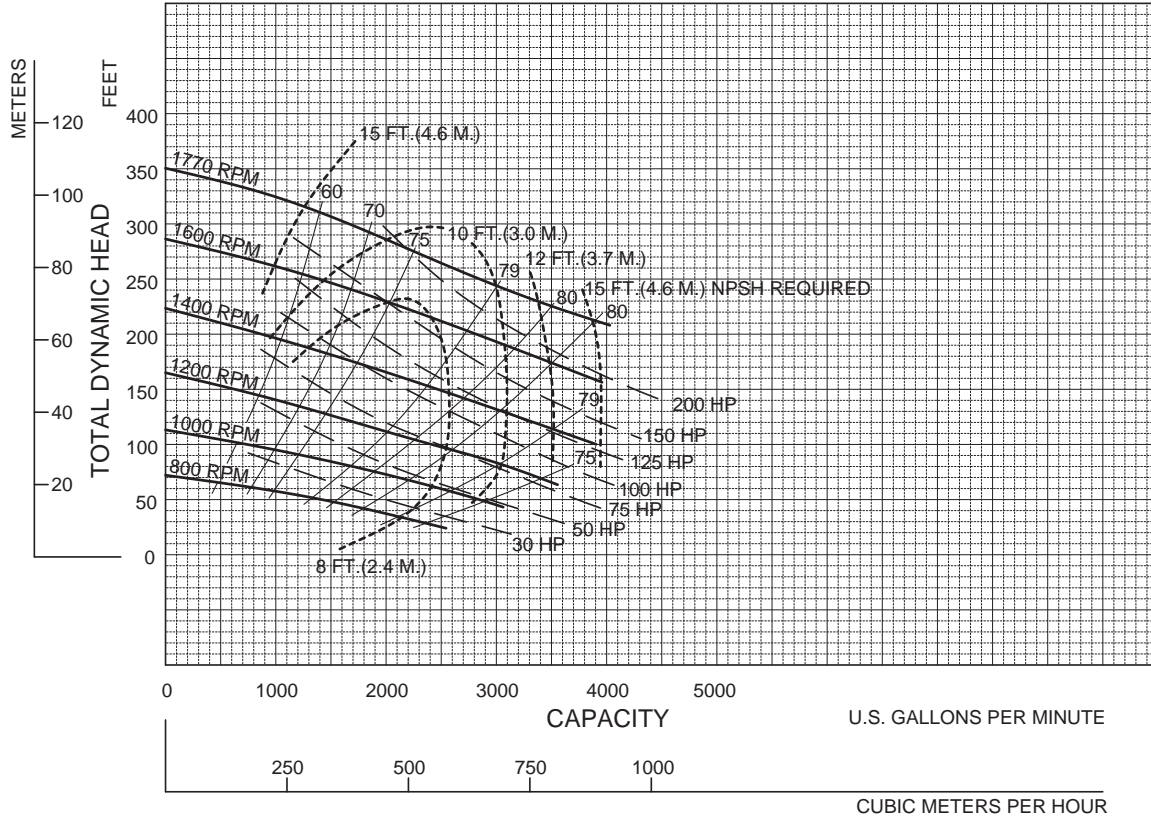
6NHTB



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 |
|---------|---------------|----------|-------------|----------------|---------|-----------|-----------|
| VARIOUS | 17.50" | ENCLOSED | 3.38" | 1880 | 10" | 6" | 2 |

SINGLE VOLUTE MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close to best efficiency point.
 Other mounting styles or liquids may require horsepower and/or performance adjustments.

NEW PAGE

6NHTBVA

9/99



Cornell Pump Company • Portland, Oregon

6NHTB - VARIOUS RPM