



AQUARIUS PUMP COMPANY

4NHTB

***NOW STOCKED IN CD4MCu**

AVAILABLE MOUNTING CONFIGURATIONS

- 4NHTB-RP-F Redi-Prime® Frame Mount
- 4NHTB-RP-EM Redi-Prime® Engine Mount
- 4NHTB-F Frame Mount
- 4NHTB-EM Engine Mount
- 4NHTB-VF Vertical Frame Mount

OPERATING LEVELS

| | | |
|------------------------|----------|--------------|
| MIN FLOW | 340 GPM | 77.18 m³/h |
| MAX FLOW | 2000 GPM | 454 m³/h |
| DISCHARGE SIZE | 4" | 101.6 mm |
| SUCTION SIZE | 5" | 127 mm |
| SOLIDS HANDLING | 3" | 7.62 cm |
| MAX SPEED | 2000 RPM | 2000 RPM |
| SHUT-OFF HEAD | 470' | 143.3 m |
| BEP HEAD | 393' | 119.8 m |
| BEP FLOW | 1863 GPM | 422.901 m³/h |
| BEP PERCENT | 70% | 70% |



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

| PARTS | STANDARD MATERIAL (ALL IRON) | CD4MCU |
|------------------------|------------------------------------|---------|
| WEAR RING | CAST IRON | CD4MCU |
| IMPELLER | CAST IRON | CD4MCU |
| VOLUTE | DUCTILE IRON | CD4MCU |
| SHAFT | 4140/4142 BD | 17-4 PH |
| SHAFT SLEEVE | 416 SS | CD4MCU |
| SUCTION COVER | CAST IRON | CD4MCU |
| MECHANICAL SEAL | TUNGSTEN CARBIDE X SILICON CARBIDE | TCXSC |
| O-RINGS | BUNA N | BUNA N |

The 4NHTB pump is designed with Aquarius's renowned quality and durability. It features a 4" discharge, 5" suction, and enclosed impeller. Available in All Iron or CD4MCu materials. Aquarius's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Excellent NPSHr
- Industry-leading efficiencies
- Variable speed
- Patented Cycloseal® design
- Heavy-duty construction
- RunDry™ option (Indefinite run dry capability)
- Redi-Prime® available for fully-automatic continuous priming



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



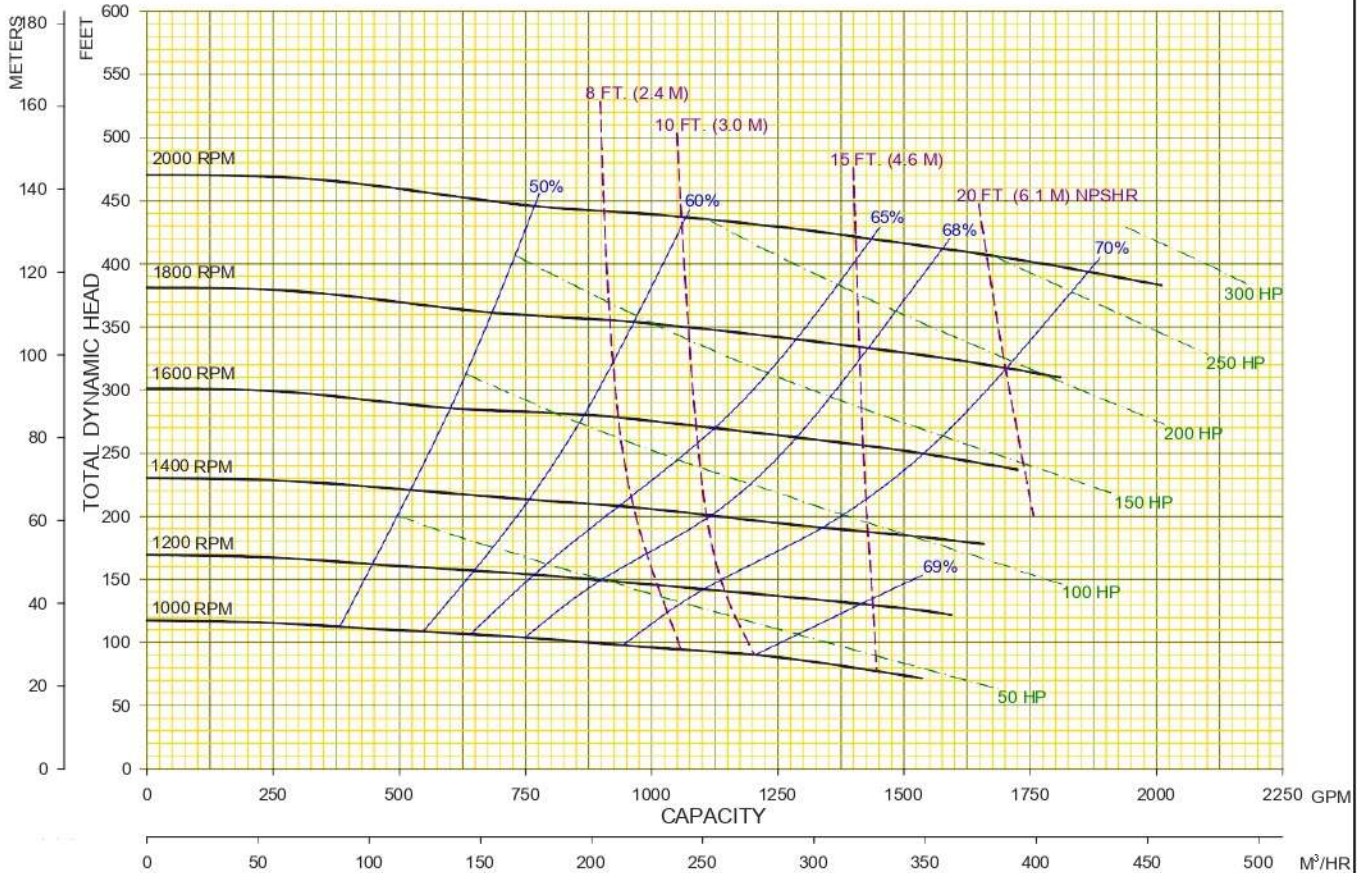
PRODUCT DATA SHEET

AQUARIUS PUMP COMPANY

4NHTB

Performances shown are for S.G. 1.0
60°F water, frame mounted configuration,
with Cyclo seal. Other mounting styles or
S.G. may require curve adjustments.

| | | | | | | | | |
|---------|---------------|----------|--------|-------------|----------------|---------|-----------|-----------|
| Speed | Impeller Dia. | Style | Volute | Solids Dia. | N _s | Suction | Discharge | No. Vanes |
| VARIOUS | 17.50" | ENCLOSED | SINGLE | 3.00" | 980 | 5" | 4" | 2 |



| | | | | | | | | |
|--|-----------------------|--|--|----|----------|-----|-----------------------|-----------------------------|
| | Aquarius Pump Company | | | 01 | 09/18/15 | CTG | MODEL: 4NHTB | CURVE NO. 4NHTBVA |
| | | | | 00 | 07/17/00 | | TYPE: SOLIDS HANDLING | |