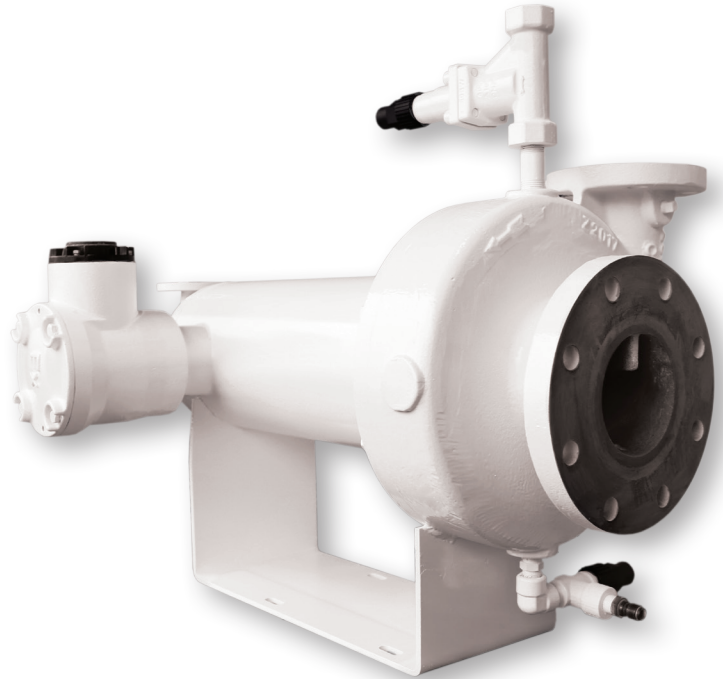


AVAILABLE MOUNTING CONFIGURATIONS

3HT-CAN SEMI-HERMETIC CLOSE-COUPLED

OPERATING LEVELS

| | | |
|-----------------------|-----------|-----------|
| MIN FLOW | 60 GPM | 3.8 L/S |
| MAX FLOW | 800 GPM | 50.5 L/S |
| DISCHARGE SIZE | 3" | 76.2 mm |
| SUCTION SIZE | 6" | 152.4 mm |
| MAX SPEED | 1800 RPM | 1800 RPM |
| MIN PRESSURE | 20 PSID | 137.9 kPa |
| MAX PRESSURE | 83 PSID | 572.3 kPa |
| MIN NPSHR | 3.5' | 1.1 m |
| BEP HEAD | 58.4 PSID | 402.7 kPa |
| BEP FLOW | 603 GPM | 38 L/S |
| BEP PERCENT | 58% | 58% |



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

| PARTS | STANDARD MATERIAL (ALL IRON) |
|-----------------|--|
| IMPELLER | CAST IRON |
| VOLUTE | DUCTILE IRON |
| SHAFT | 304 STAINLESS STEEL |
| VALVES | FORGED STEEL |
| O-RINGS | NEOPRENE |
| MOTOR | CAN 316 SS WITH CARBON-GRAPHITE BEARINGS |

The 3HT Hermetic Refrigeration pump is designed with Gemstone's renowned quality and durability. It features a 3" discharge, a 6" suction, and an enclosed impeller. The four-pole and six-pole motors are totally enclosed, and liquid cooled. The single stage impeller enhances NPSHr characteristics throughout the entire operating range. Bearings are replaceable, carbon-graphite material, and of a hydrodynamic design.

- Excellent NPSHr •
1800/1500 RPM and 1200/1000 RPM operation speeds for reduced wear •
Flange to flange drop-in replacement for Gemstone Open Drive Pumps
- Built-in bearing condition indicator
- CSA-Approved motor
- Three-year warranty
- Enhanced vapor handling abilities
- Heavy Duty Construction



