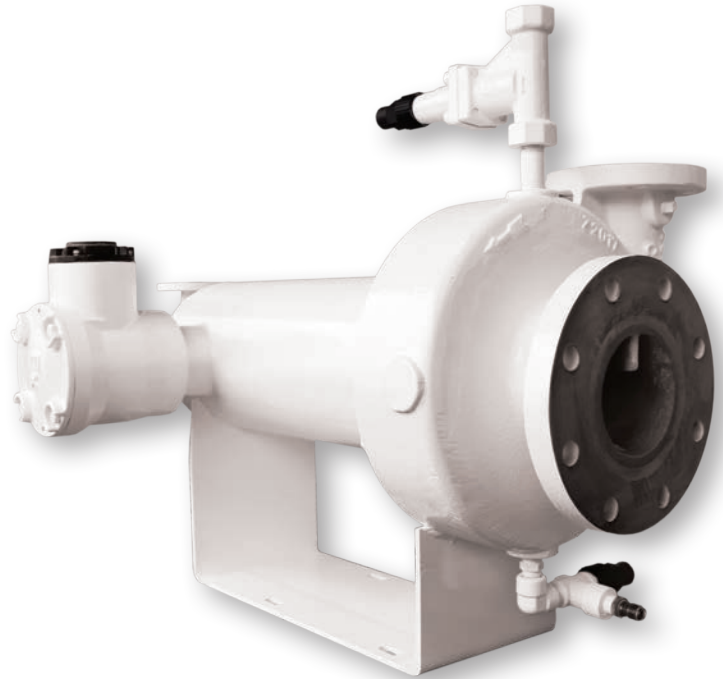


**AVAILABLE MOUNTING CONFIGURATIONS**

2.5HT-CAN SEMI-HERMETIC CLOSE-COUPLED

**OPERATING LEVELS**

<b>MIN FLOW</b>	50 GPM	3.15 L/S
<b>MAX FLOW</b>	240 GPM	15.14 L/S
<b>DISCHARGE SIZE</b>	2.5"	63.5 mm
<b>SUCTION SIZE</b>	5"	127 mm
<b>MAX SPEED</b>	1800 RPM	1800 RPM
<b>MIN PRESSURE</b>	30 PSID	207 kPa
<b>MAX PRESSURE</b>	71 PSID	490 kPa
<b>MIN NPSHR</b>	1.5'	0.46 m
<b>BEP HEAD</b>	58.4 PSID	402.7 kPa
<b>BEP FLOW</b>	206 GPM	13 L/S
<b>BEP PERCENT</b>	45%	45%



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

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

The 2.5HT Hermetic Refrigeration pump is designed with Gemstone's renowned quality and durability. It features a 2.5" discharge, a 5" suction, and an enclosed impeller. The four-pole motor is 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 operation speeds for reduced wear •
- Flange to flange drop-in replacement for Gemstone's Open Drive Pumps
- Built-in bearing condition indicator
- CSA-Approved motor
- Three-year warranty
- Enhanced vapor handling abilities
- Heavy Duty Construction

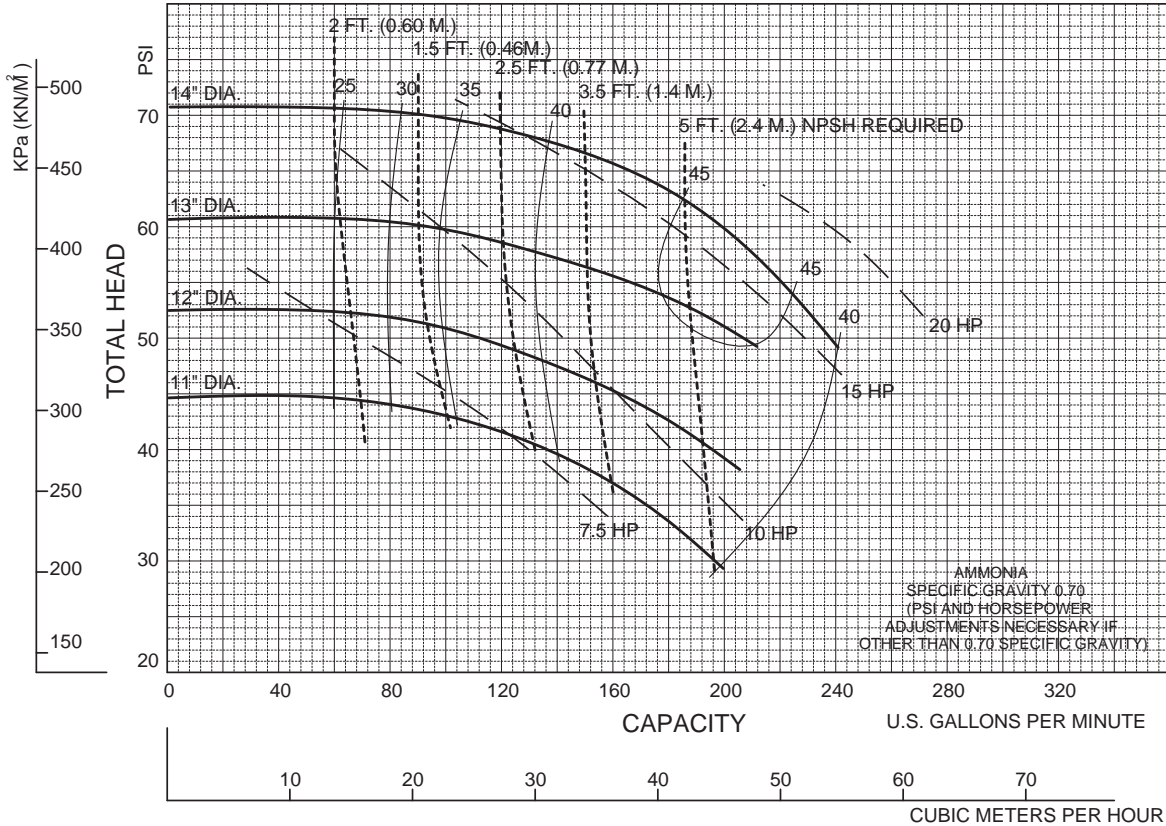




Feet x .305 = Meters  
 Inches x 25.4 = Millimeters  
 GPM x .227 = Cubic Meters/Hour  
 GPM x 3.785 = Liters/Minute  
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	SG
1760	VARIOUS	ENCLOSED	.44	485	5"	2.5"	0.7

SINGLE VOLUTE MOUNTING CONFIG.: CC



9/15/03

Gemstone Pump Company

2.5HT - 1800 RPM - 0.7 SG

NEW PAGE

25HT187