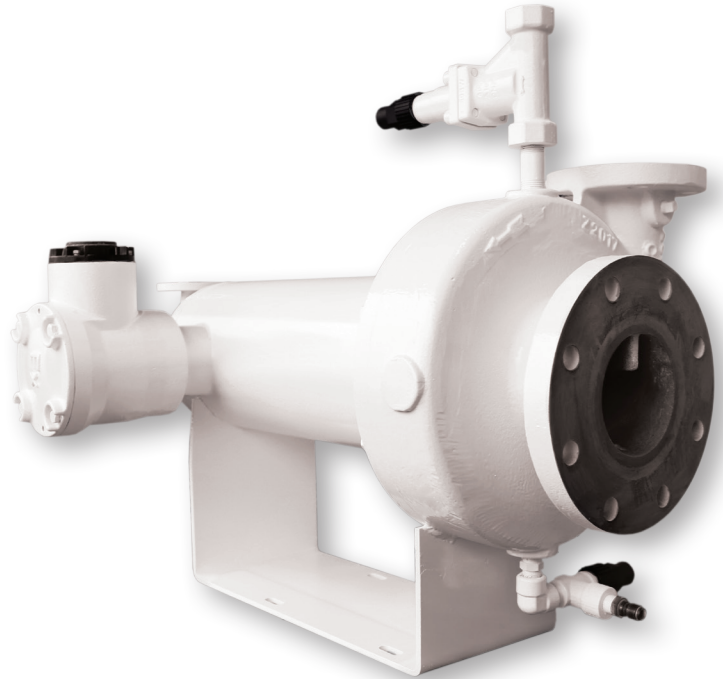


AVAILABLE MOUNTING CONFIGURATIONS

2HT-CAN SEMI-HERMETIC CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	25 GPM	1.58 L/S
MAX FLOW	180 GPM	11.35 L/S
DISCHARGE SIZE	2"	50.8 mm
SUCTION SIZE	4"	101.6 mm
MAX SPEED	1800 RPM	1800 RPM
MIN PRESSURE	20 PSID	103 kPa
MAX PRESSURE	35 PSID	241 kPa
MIN NPSHR	1.5'	0.46 m
BEP HEAD	30 PSID	206.8 kPa
BEP FLOW	150 GPM	9.5 L/S
BEP PERCENT	53%	53%



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 2HT Semi-Hermetic Refrigeration pump is designed with Gemstone's renowned quality and durability. It features a 2" discharge, a 4" 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 Open Drive Pumps
- Built-in bearing condition indicator
- CSA-Approved motor
- Three-year warranty
- Enhanced vapor handling abilities
- Heavy Duty Construction

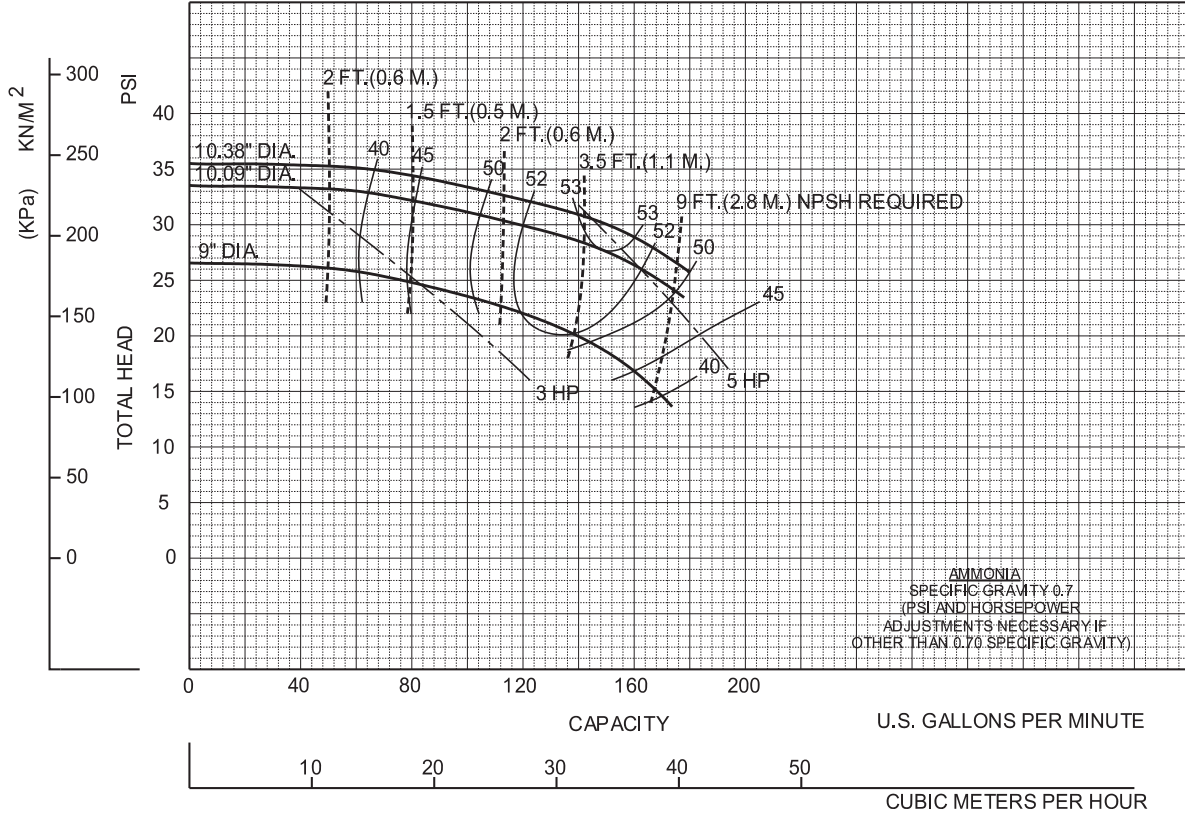




Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	SG
1760	VARIOUS	ENCLOSED	.37"	697	4"	2"	0.7

SINGLE VOLUTE MOUNTING CONFIG.: CC



NEW PAGE

2HT187

7/06/13

2HT - 1800 RPM - 0.7 SG