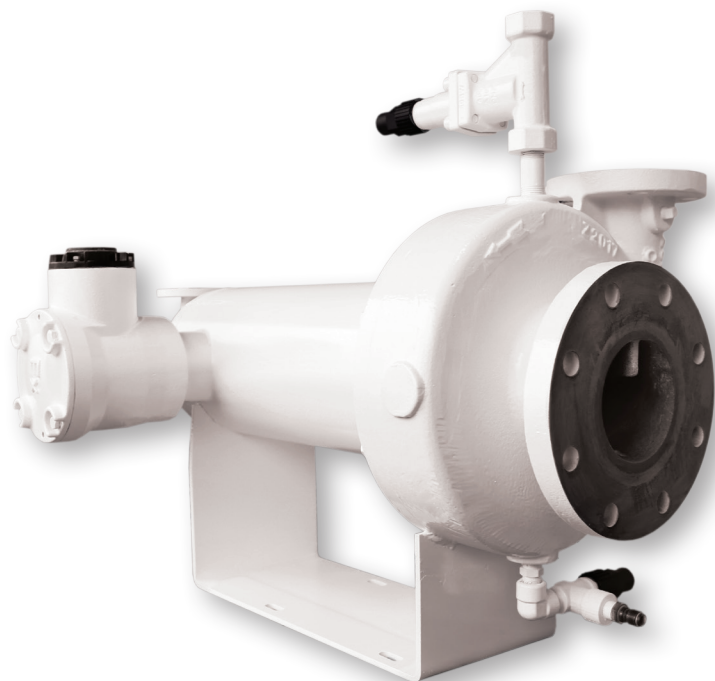


AVAILABLE MOUNTING CONFIGURATIONS
2HTS-CAN SEMI-HERMETIC HORIZONTAL CLOSE-COUPLED

OPERATING LEVELS		
MIN FLOW	25 GPM	5.68 m ³ /h
MAX FLOW	130 GPM	29.51 m ³ /h
DISCHARGE SIZE	2"	50.8 mm
SUCTION SIZE	4"	101.6 mm
MAX SPEED	1800 RPM	1800 RPM
MIN PRESSURE	15 PSID	103 kPa
MAX PRESSURE	34 PSID	234 kPa
MIN NPSHR	1.4'	0.43 m
BEP HEAD	27 PSID	186 kPa
BEP FLOW	120 GPM	27 m ³ /h
BEP PERCENT	42%	42%



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	TELC

The 2HTS Semi-Hermetic Refrigeration pump is designed with Gemstone's renowned quality and durability. It features a 2" discharge on a tangential volute, a 4" suction, and an enclosed impeller. The four-pole motor is TELC (totally enclosed liquid cooled), with a built-in bearing condition indicator. The single stage impeller enhances NPSHr characteristics throughout the entire operating range. Motor bearings are replaceable, carbon-graphite material, and of hydrodynamic design.

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

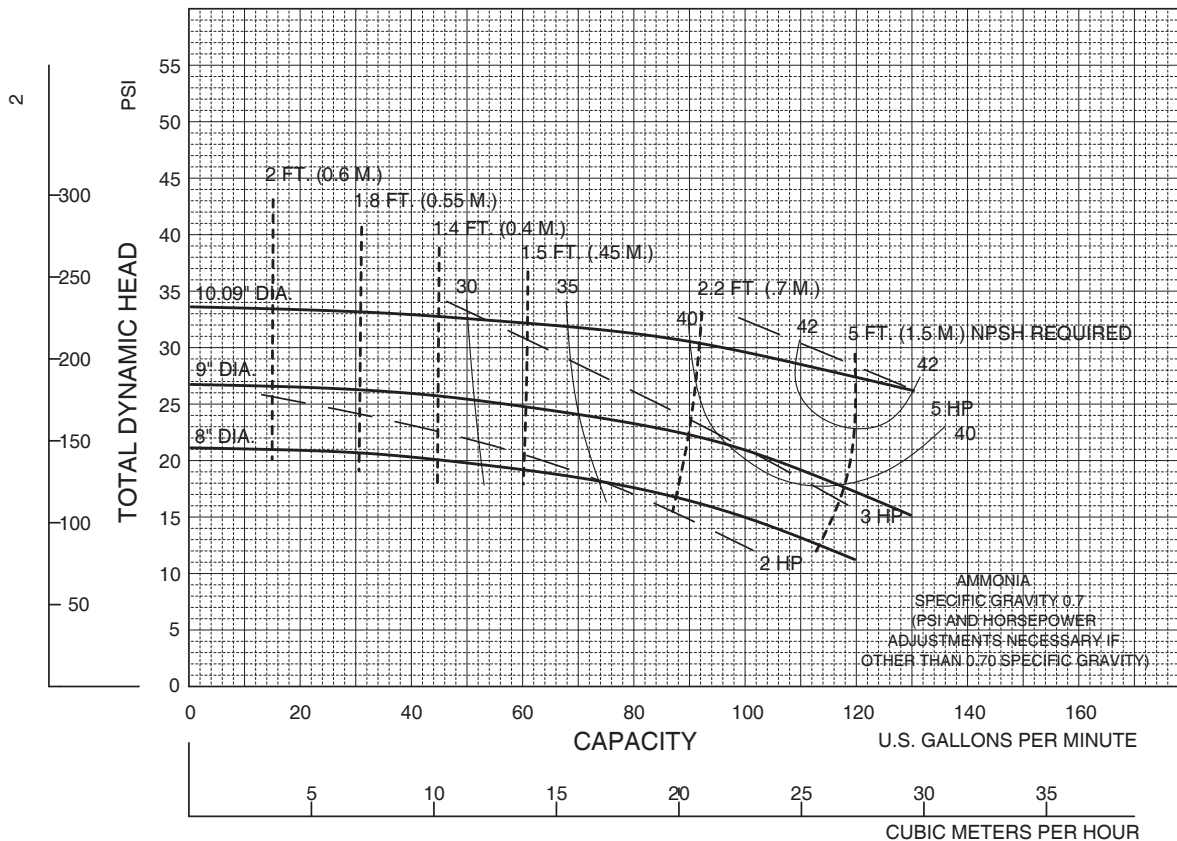




Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	SG
1760	VARIOUS	ENCLOSED	.31"	750	4"	2"	0.7

SINGLE VOLUTE MOUNTING CONFIG.: CC



2/26/04

Gemstone Pump Company

2HTS - 1800 RPM - 0.7 SG

NEW PAGE

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