



AQUARIUS PUMP COMPANY

2HTS

AVAILABLE MOUNTING CONFIGURATIONS

2HTS-CAN SEMI-HERMETIC HORIZONTAL CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	25 GPM	1.6 L/S
MAX FLOW	126 GPM	7.9 L/S
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	31 PSID	213 kPa
MIN NPSHR	1.4'	0.43 m
BEP HEAD	26 PSID	179 kPa
BEP FLOW	116 GPM	7.3 L/S
BEP PERCENT	42%	42%



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)
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 Aquarius'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 Aquarius CB Series Open Drive Pumps
- Built-in bearing condition indicator
- CSA-Approved motor
- Three-year warranty
- Enhanced vapor handling abilities
- Heavy Duty Construction



AGRICULTURE



FOOD



INDUSTRIAL



MINING



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OIL & GAS



REFRIGERATION



RENTAL



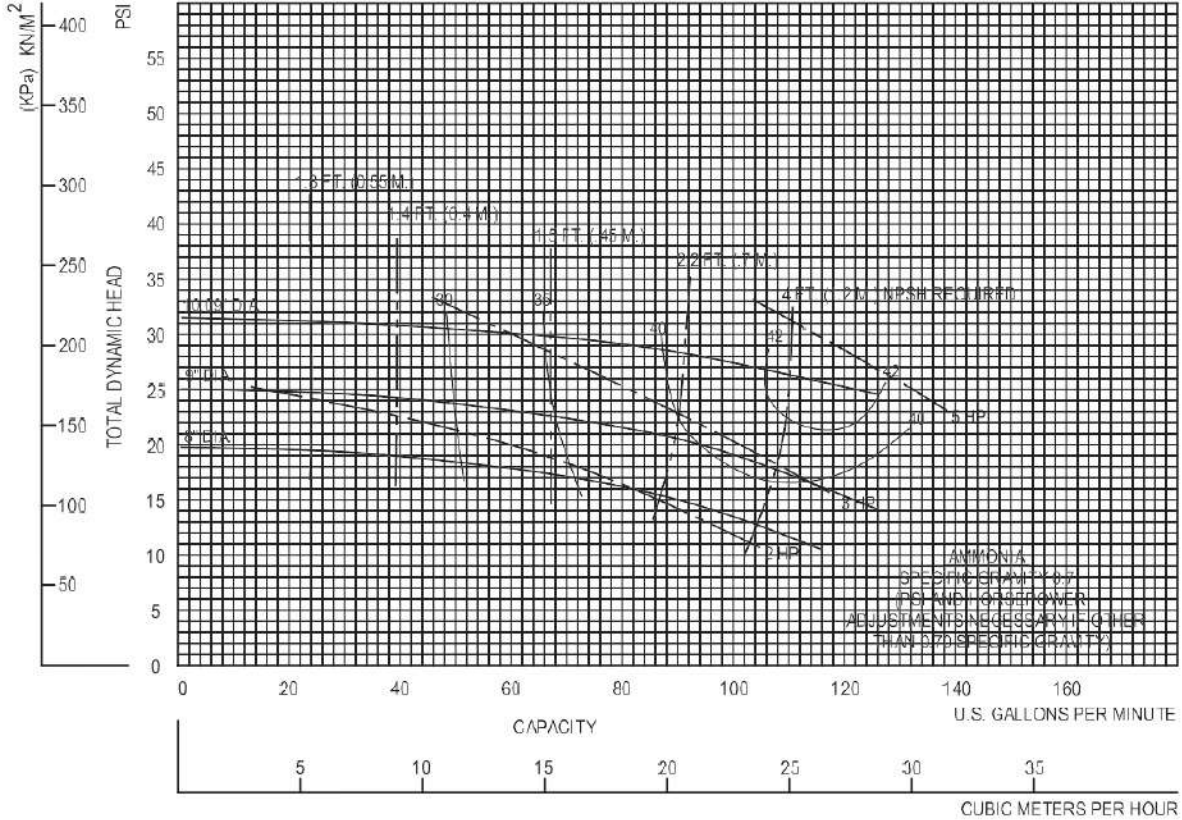
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2HTS

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
1705	VARIOUS	ENCLOSED	.31	750	4"	2"	0.7

SINGLE VOLUTE MOUNTING CONFIG.: CC



3/18/16

2HTS187



Aquarius Pump Company

2HTS - 1800 RPM - 0.7 SG