



AQUARIUS PUMP COMPANY

2HT

AVAILABLE MOUNTING CONFIGURATIONS

2HT-CAN SEMI-HERMETIC CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	25 GPM	1.58 L/S
MAX FLOW	180 GPM	11 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	33 PSID	227.5 kPa
MIN NPSHR	1.5'	0.46 m
BEP HEAD	28 PSID	193 kPa
BEP FLOW	148 GPM	9.3 L/S
BEP PERCENT	53%	53%



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	CAN 316 SS WITH CARBON-GRAPHITE BEARINGS

The 2HT Semi-Hermetic Refrigeration pump is designed with Aquarius'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 Aquarius 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



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



PRODUCT DATA SHEET

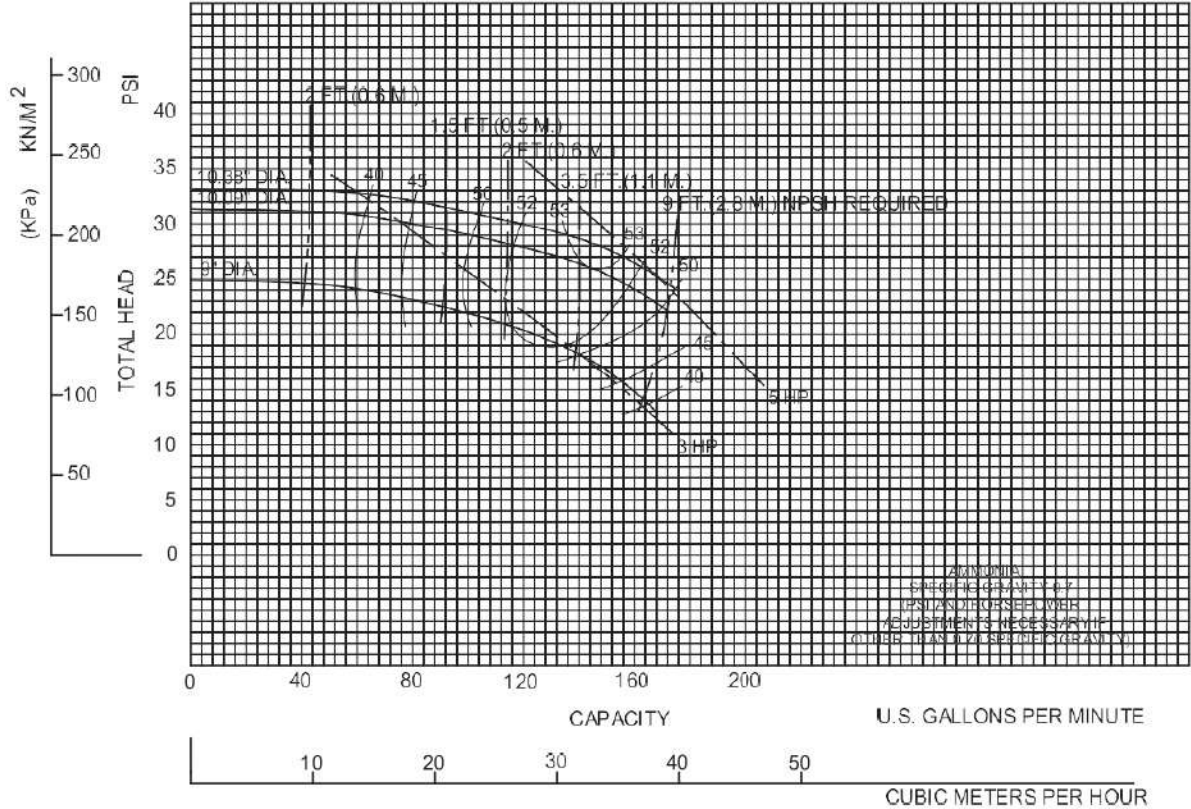
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Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	SG
1705	VARIOUS	ENCLOSED	.37"	697	4"	2"	0.7

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

SINGLE VOLUTE MOUNTING CONFIG.: CC



AQUARIUS
 SPECIFIC GRAVITY 1.47
 INSTALLED FOR SEEL WEB
 ADJUSTMENTS NECESSARY IF
 DOUBLE IMPELLER SYSTEM (OPTIONAL)

3M8M6

2HT187

	2HT - 1800 RPM - 0.7 SG
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