



AQUARIUS PUMP COMPANY

2.5HT

AVAILABLE MOUNTING CONFIGURATIONS

2.5HT-CAN SEMI-HERMETIC CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	50 GPM	3.15 L/S
MAX FLOW	236 GPM	14.8 L/S
DISCHARGE SIZE	2.5"	63.5 mm
SUCTION SIZE	5"	127 mm
MAX SPEED	1800 RPM	1800 RPM
MIN PRESSURE	28 PSID	193 kPa
MAX PRESSURE	67 PSID	462 kPa
MIN NPSHR	1.5'	0.46 m
BEP HEAD	56 PSID	386.1 kPa
BEP FLOW	200 GPM	12.6 L/S
BEP PERCENT	45%	45%



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
VALVE	FORGED STEEL
O-RINGS	NEOPRENE
MOTOR	CAN 316 SS WITH CARBON-GRAPHITE BEARINGS

The 2.5HT Hermetic Refrigeration pump is designed with Aquarius'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 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



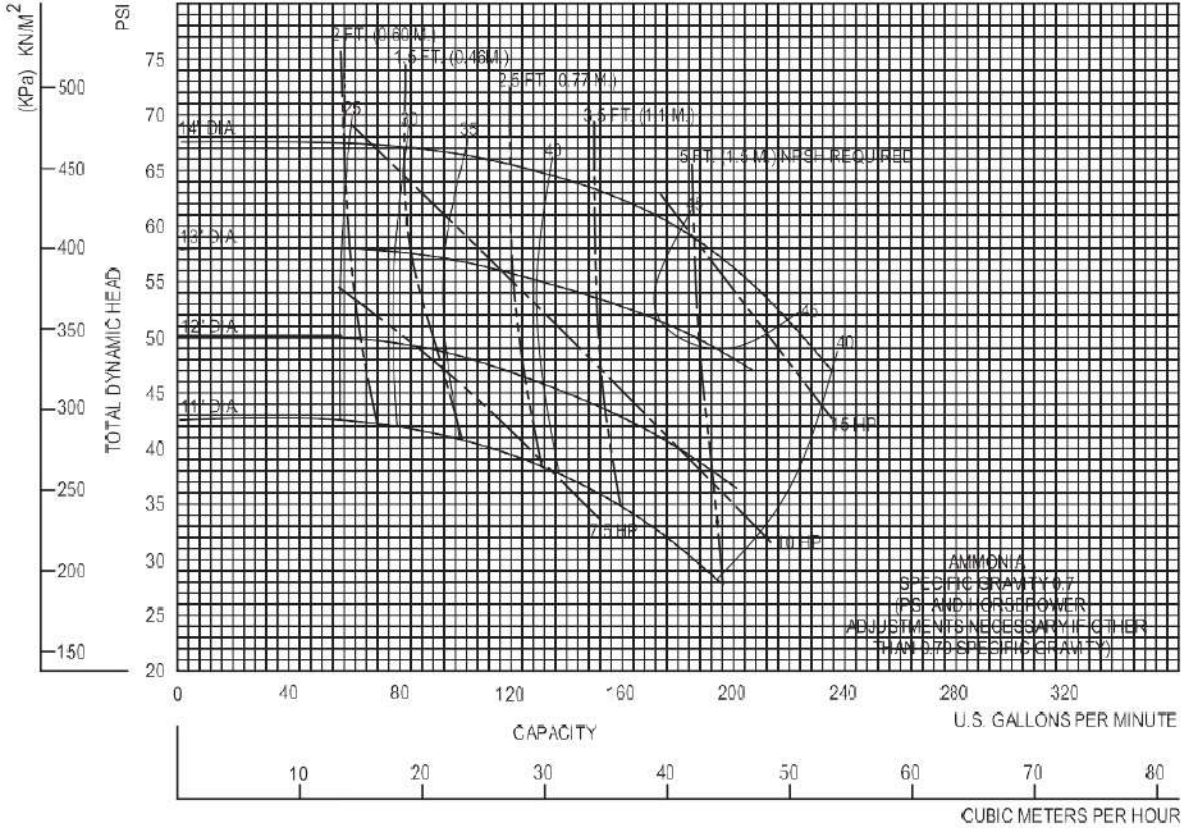
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2.5HT

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
1720	VARIOUS	ENCLOSED	.44	485	5"	2.5"	0.7

SINGLE VOLUTE MOUNTING CONFIG.: CC



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25HT187



Aquarius Pump Company

2.5IIT - 1800 RPM - 0.7 SG