



AQUARIUS PUMP COMPANY

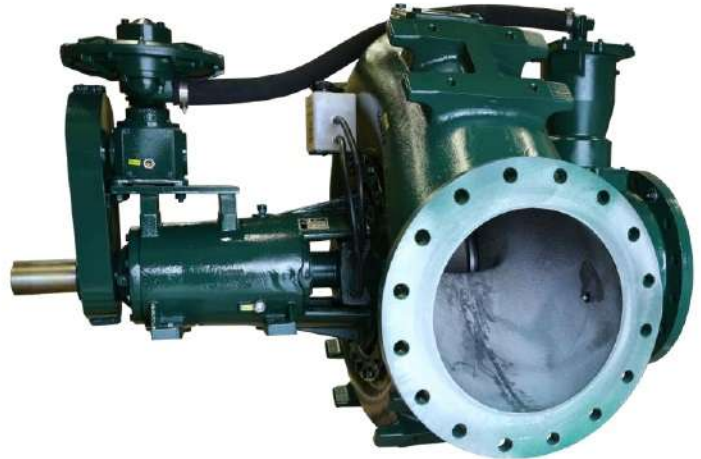
16NHG22

AVAILABLE MOUNTING CONFIGURATIONS

16NHG22-RP-F REDI-PRIME FRAME MOUNT
 16NHG22-F FRAME MOUNT
 16NHG22-VF VERTICAL FRAME MOUNT
 16NHG22-VC VERTICAL COUPLED

OPERATING LEVELS

MIN FLOW	2750 GPM	624.6 m ³ /h
MAX FLOW	17750 GPM	4031.5 m ³ /h
DISCHARGE SIZE	16"	406.4 mm
SUCTION SIZE	16"	406.4 mm
SOLIDS HANDLING	4.5"	114.3 mm
MAX SPEED	1200 RPM	1200 RPM
SHUT-OFF HEAD	235'	71.6 m
BEP HEAD	145'	44.2 m
BEP FLOW	12500 GPM	2839.1 m ³ /h
BEP PERCENT	85%	85%



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)
WEAR RING	CAST IRON
IMPELLER	CA6NM
VOLUTE	DUCTILE IRON
SHAFT	4140/4142 SS
SUCTION COVER	CAST IRON
MECHANICAL SEAL	JOHN CRANE TYPE 2
BACKPLATE	DUCTILE IRON
BEARING FRAME	CAST IRON

The 16NHG22 pump is designed with Aquarius's renowned quality and durability. It features a 16" discharge, 16" suction, and enclosed 3-vane impeller. Aquarius's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- CA6NM Impeller is corrosion-resistant and abrasion-resistant
- Enclosed impeller for higher efficiency
- Heavy duty construction
- Heavy-duty bearing frame
- Industry-leading efficiencies
- Ideal for clear water and wastewater applications
- Oversized shaft and bearings
- Patented Cycloseal design



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

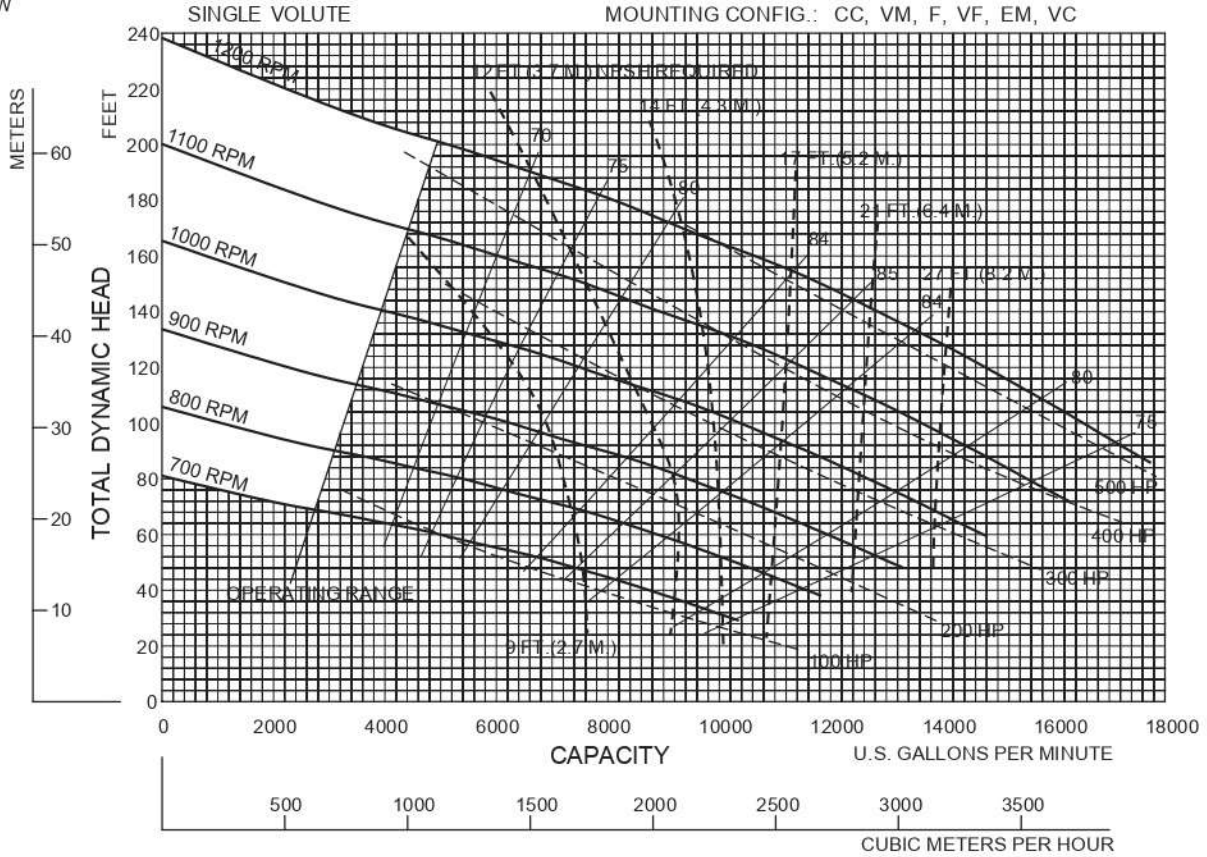


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16NHG22

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	No. vanes
VARIOUS	22"	ENCLOSED	4.5"	3300	16"	16"	3



Performances shown are for cool water, horizontal frame configuration with Cyclo seal. Other mounting styles or liquids may require horsepower and/or performance adjustments.

9/25/00



Aquarius Pump Company

16NHG22 - VARIOUS RPM

SUPERCEDES 2/15/00

16NHG22VA