



AQUARIUS PUMP COMPANY

12NNF

AVAILABLE MOUNTING CONFIGURATIONS

12NNF-F FRAME MOUNT
12NNF-RP-F REDI-PRIME FRAME MOUNT
12NNF-EM ENGINE MOUNT
12NNF-RP-EM REDI-PRIME ENGINE MOUNT
12NNF-VF VERTICAL FRAME MOUNT
12NNF-VC VERTICAL COUPLED
12NNF-CC CLOSE COUPLED
12NNF-VM VERTICAL CLOSE COUPLED

OPERATING LEVELS

MIN FLOW	1300 GPM	295 m ³ /h
MAX FLOW	9600 GPM	2179 m ³ /h
DISCHARGE SIZE	12"	305 mm
SUCTION SIZE	12"	305 mm
SOLIDS HANDLING	3"	76.2 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	194'	59 m
BEP HEAD	132'	40 m
BEP FLOW	6400 GPM	1453 m ³ /h
BEP PERCENT	84%	84%



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	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	4140/42 BD
SHAFT SLEEVE	416 SS
SUCTION COVER	DUCTILE IRON
BEARING FRAME	CAST IRON
O-RINGS	BUNA N

The 12NNF pump is designed with Aquarius's renowned quality and durability. It features a 12" discharge, 12" suction, and enclosed impeller. Aquarius's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Bearings are heavy-duty, grease-lubricated deep groove ball bearings. F18 bearing frame is standard.

- Heavy-duty bearing frame
- Long Bearing life
- Heavy duty construction
- Patented Cycloseal design
- Replaceable suction wear ring and shaft sleeve
- Handles solids up to 3"



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



AQUARIUS PUMP COMPANY

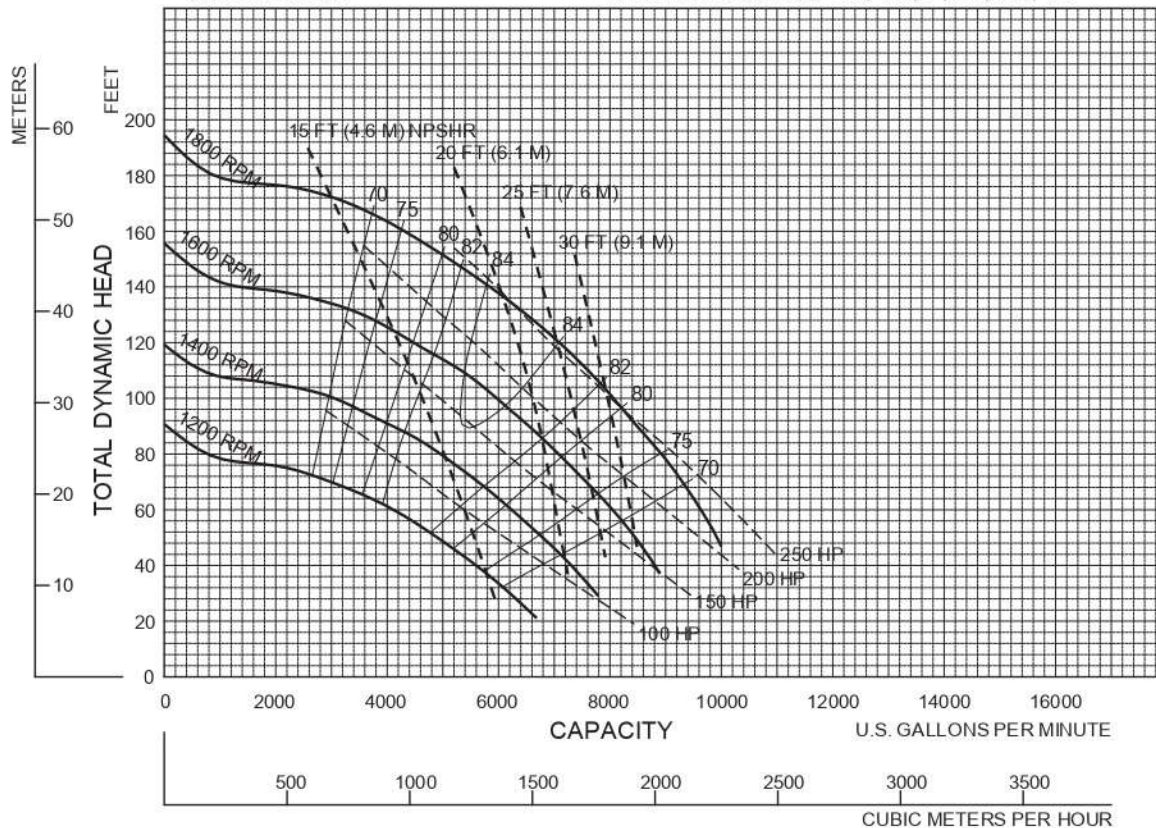
12NNF

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	14" @ 0°	ENCLOSED	3"	3800	12"	12"	4

SINGLE VOLUTE

MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



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



Aquarius Pump Company

12NNF - VARIOUS RPM

05/22/02

SUPERCEDES 04/05/02

12NNFVA