



# AQUARIUS PUMP COMPANY

## 8NHG19

**\*NOW STOCKED IN CD4MCu**

### AVAILABLE MOUNTING CONFIGURATIONS

8NHG19-F18DB FRAME MOUNT  
 8NHG19-EM18DB ENGINE MOUNT  
 8NHG19-VF18DB VERTICAL MOUNT  
 8NHG19-VC18DB VERTICAL COUPLED

### OPERATING LEVELS

MIN FLOW	1200 GPM	272 m <sup>3</sup> /h
MAX FLOW	7000 GPM	1589 m <sup>3</sup> /h
DISCHARGE SIZE	8"	203 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	2.44"	62 mm
MAX SPEED	2150 RPM	2150 RPM
SHUT-OFF HEAD	625'	190 m
BEP HEAD	480'	146 m
BEP FLOW	5200 GPM	1180 m <sup>3</sup> /h
BEP	82%	82%



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)	CD4MCU
WEAR RING	CAST IRON	2205 DUPLEX STAINLESS STEEL
IMPELLER	DUCTILE IRON	CD4MCU STAINLESS STEEL
VOLUTE	DUCTILE IRON	CD4MCU STAINLESS STEEL
SHAFT	17-4 STAINLESS STEEL	17-4 STAINLESS STEEL
SHAFT SLEEVE	17-4 STAINLESS STEEL	17-4 STAINLESS STEEL
SUCTION COVER	DUCTILE IRON	CD4MCU STAINLESS STEEL

The 8NHG19 pump is designed with Aquarius's renowned quality and durability. It features a 8" discharge, 10" suction, and premium hydraulic efficiency. Available in All Iron or CD4MCu materials. Aquarius's patented Cycloseal® design is standard.

- Excellent NPSHr
- High efficiency design
- High head operation
- Cycloseal system standard
- Heavy-duty construction
- RunDry™ option (Indefinite run dry capability)
- Unmanned operations
- Redi-Prime® available for fully-automatic continuous priming



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL



# AQUARIUS PUMP COMPANY

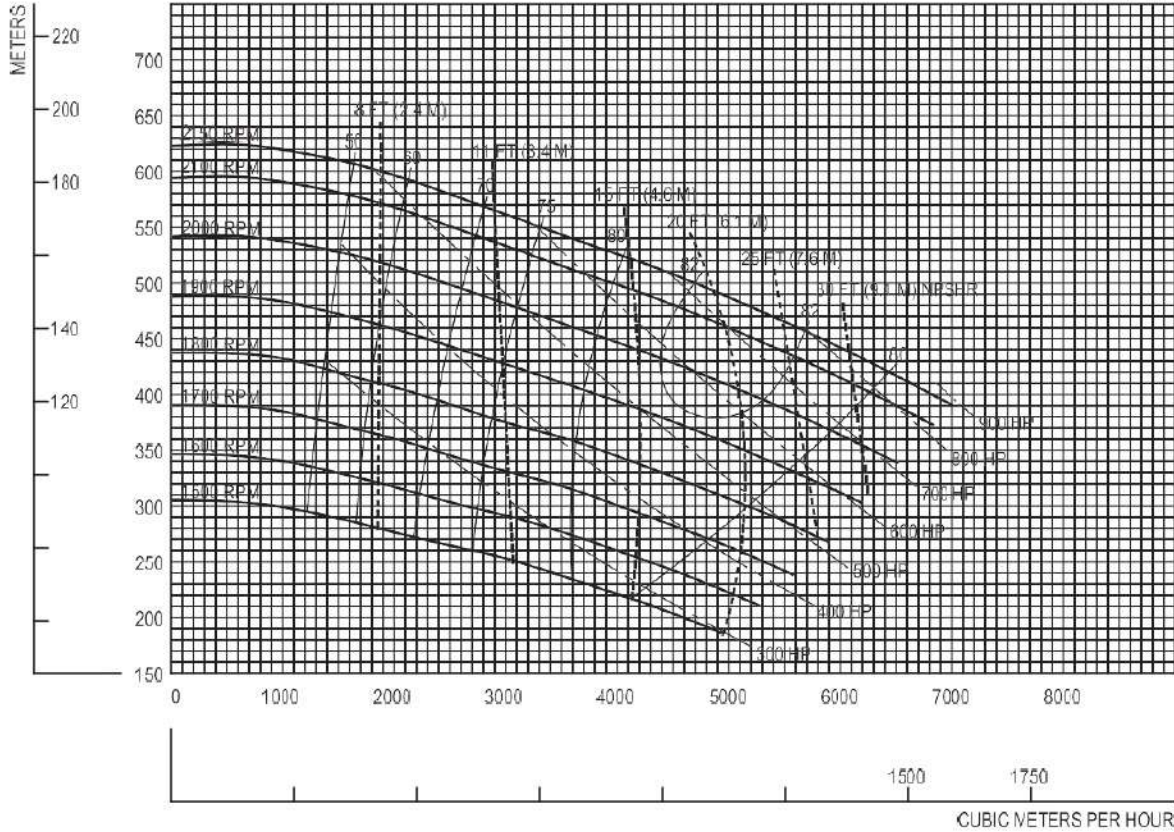
## 8NHG19

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 <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	19.50"	ENCLOSED	2.44"	1520	10"	8"	3

F, EM, VC, VF

Performances shown are for cool water, frame-mounted configuration. Other mounting styles or liquids may require horsepower and/or performance adjustments.



SUPERCEDES 7/31/13

8NHG19VA

8/19/13



Aquarius Pump Company

8NHG19 - VARIOUS RPM