



# AQUARIUS PUMP COMPANY

## 6822MX

### AVAILABLE MOUNTING CONFIGURATIONS

6822MX-F FRAME MOUNT  
 6822MX-EM ENGINE MOUNT  
 6822MX-RP-F REDI-PRIME FRAME MOUNT  
 6822MX-RP-EM REDI-PRIME ENGINE MOUNT

### OPERATING LEVELS

<b>MIN FLOW</b>	430 GPM	98 m <sup>3</sup> /h
<b>MAX FLOW</b>	4250 GPM	965 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	6"	150 mm
<b>SUCTION SIZE</b>	8"	200 mm
<b>SOLIDS HANDLING</b>	2.00"	51 mm
<b>MAX SPEED</b>	1900 RPM	1900 RPM
<b>SHUT-OFF HEAD</b>	640'	195 m
<b>BEP HEAD</b>	590'	180 m
<b>BEP FLOW</b>	3350 GPM	761 m <sup>3</sup> /h
<b>BEP PERCENT</b>	75%	75%



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
WEAR RING	CAST IRON
IMPELLER	CA6NM
VOLUTE	DUCTILE IRON
SHAFT	4140 TOOL STEEL
SHAFT SLEEVE	416 STAINLESS STEEL
BACKPLATE	DUCTILE IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
O-RINGS	BUNA-N
BEARING FRAME	CAST IRON

The 6822MX pump is designed with Aquarius's renowned quality and durability. It features a 6" discharge, 8" suction, and a 3 or 4 vane enclosed CA6NM impeller. The wear rings can be hardened (option) to 375-425 BHN (impeller) and 450-500 BHN (volute). 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.

- Heavy-duty bearing frame
- Double angular contact thrust bearings
- Patented Cycloseal® design
- CA6NM Impeller is corrosion-resistant and abrasion-resistant
- Industry-leading efficiencies
- Industry-leading two-year warranty



AGRICULTURE



FOOD



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MINING



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OIL & GAS



REFRIGERATION



RENTAL

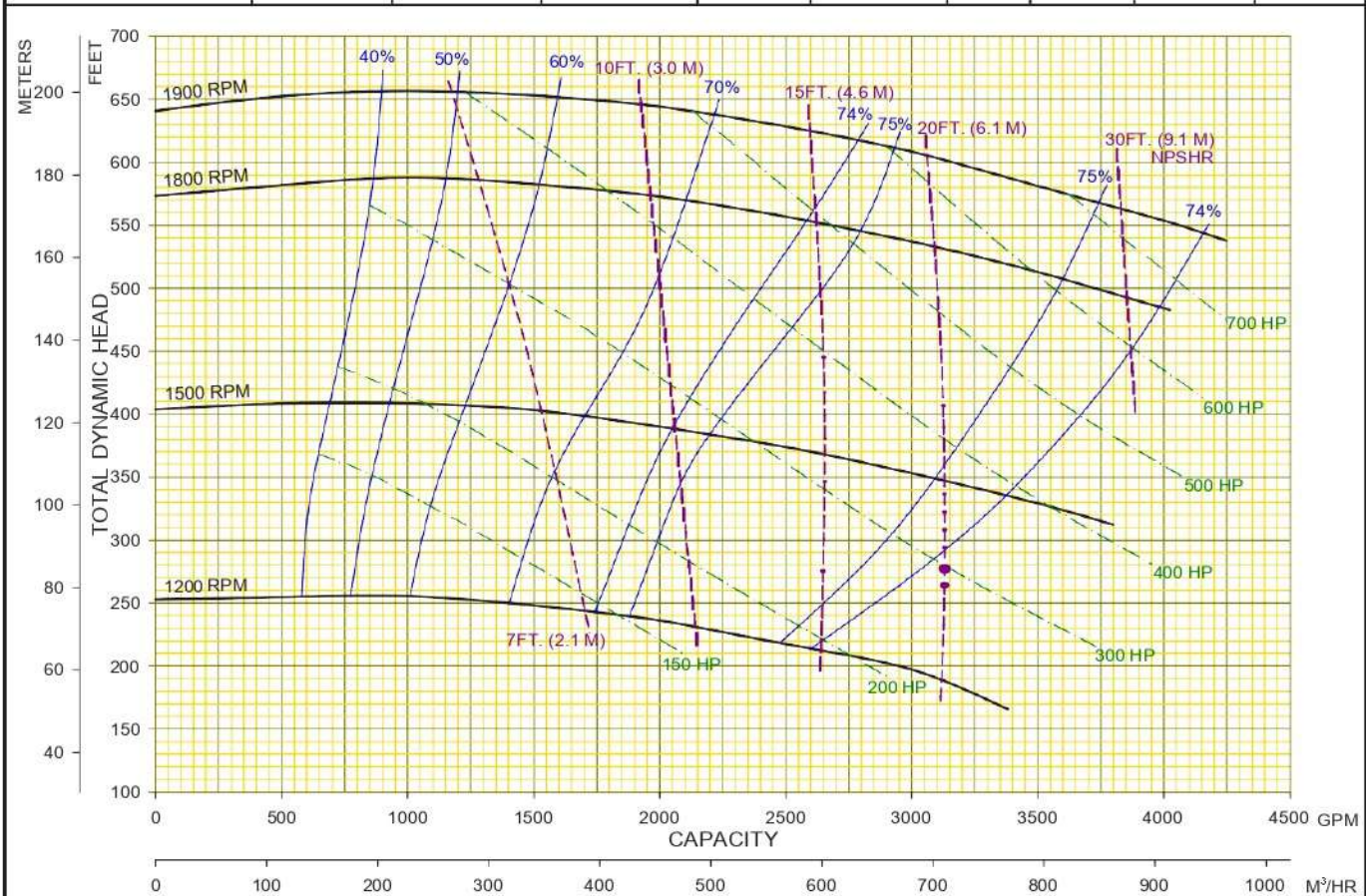


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Performances shown are for S.G. 1.0  
80°F water, frame mounted configuration  
with Cyclo seal. Other mounting styles  
or S.G. may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N <sub>s</sub>	Suction	Discharge	No. Vanes
VARIOUS	21.95"	ENCLOSED	DOUBLE	2.00"	709	8"	6"	4



Aquarius Pump Company

01	04/06/15	CTG	MODEL: 6822MX
00	07/22/09	---	TYPE: MX SERIES

CURVE NO. **6822MXVA**