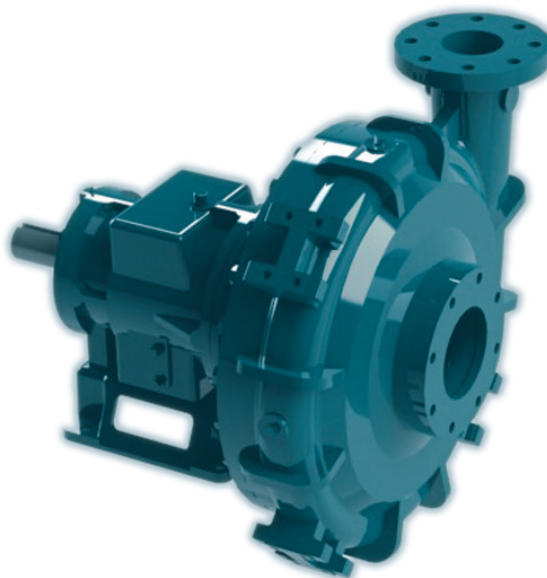


### AVAILABLE MOUNTING CONFIGURATIONS

4622MX-F FRAME MOUNT  
 4622MX-EM ENGINE MOUNT  
 4622MX-RP-F REDI-PRIME FRAME MOUNT  
 4622MX-RP-EM REDI-PRIME ENGINE MOUNT

### OPERATING LEVELS

<b>MIN FLOW</b>	215 GPM	49 m <sup>3</sup> /h
<b>MAX FLOW</b>	1680 GPM	381 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	4"	100 mm
<b>SUCTION SIZE</b>	6"	150 mm
<b>SOLIDS HANDLING</b>	0.98"	25 mm
<b>MAX SPEED</b>	1900 RPM	1900 RPM
<b>SHUT-OFF HEAD</b>	660'	201 m
<b>BEP HEAD</b>	583'	178 m
<b>BEP FLOW</b>	1390 GPM	316 m <sup>3</sup> /h
<b>BEP PERCENT</b>	65%	65%



A typical picture of the pump is shown. Please contact Gemstone Pump Company for further details. All information is approximate and for general guidance only.

PARTS	STANDARD MATERIAL
<b>WEAR RING</b>	CAST IRON
<b>IMPELLER</b>	CA6NM
<b>VOLUTE</b>	DUCTILE IRON
<b>SHAFT</b>	17-4 PH STAINLESS STEEL
<b>SHAFT SLEEVE</b>	416 STAINLESS STEEL
<b>BACKPLATE</b>	DUCTILE IRON
<b>MECHANICAL SEAL</b>	TUNGSTEN CARBIDE VS. SILICON CARBIDE
<b>O-RINGS</b>	BUNA-N, NITRILE
<b>BEARING FRAME</b>	F18DB CAST IRON

The 4622MX pump is designed with Gemstone's renowned quality and durability. It features a 4" discharge, 6" 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). Gemstone'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

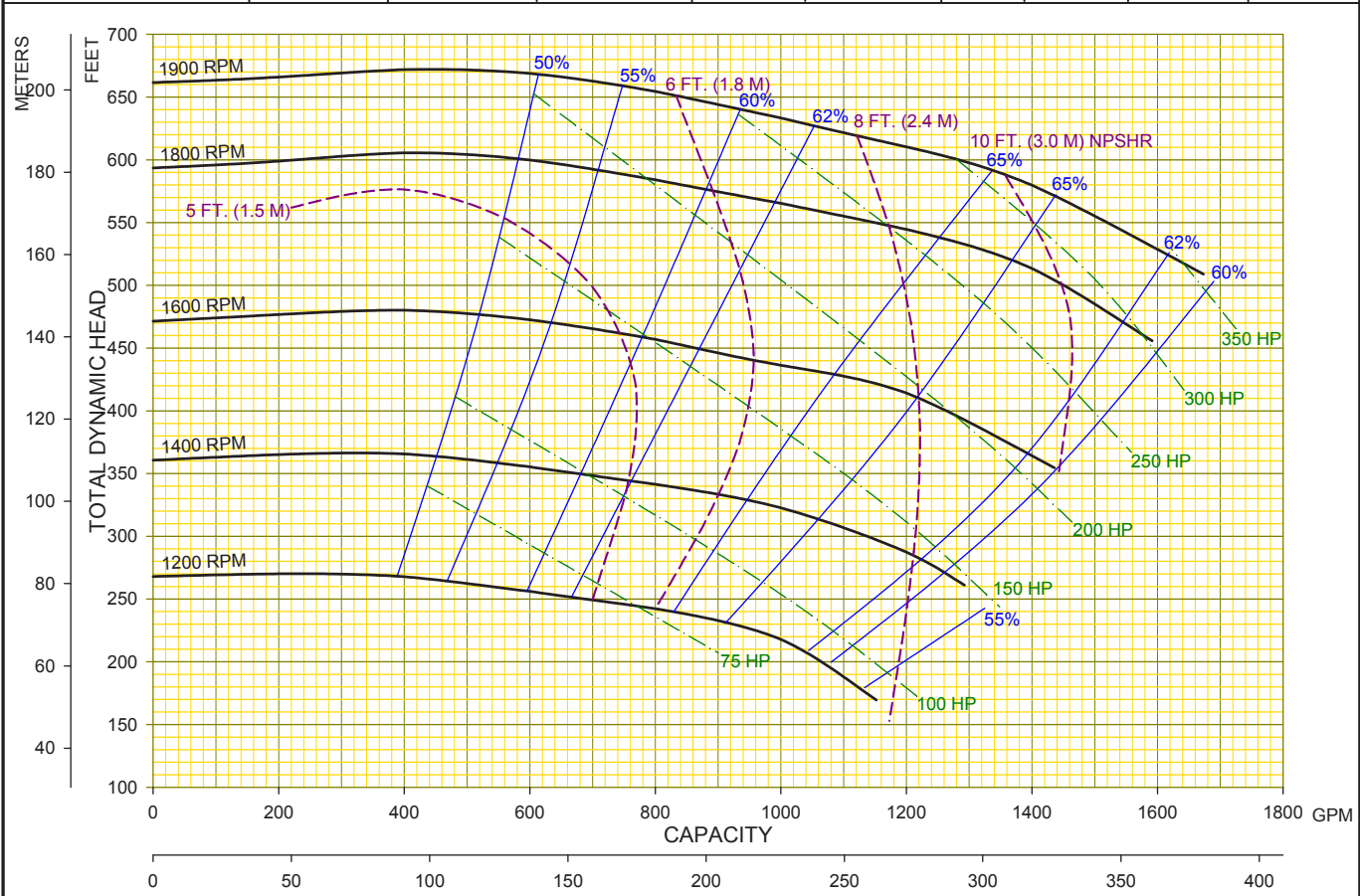




# 4622MX

Performances shown are for S.G. 1.0  
60°F water, frame mounted configuration  
with Cycloseal. 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	SINGLE	.98"	552	6"	4"	4



Gemstone Pump Company	02	04/02/15	CTG	MODEL : 4622MX	CURVE NO: <b>4622MXVA</b>
	00	3/11/09	CTG	TYPE :MX SERIES	