

### AVAILABLE MOUNTING CONFIGURATIONS

2415MX-F FRAME MOUNT  
 2415MX-EM ENGINE MOUNT  
 2415MX-RP-F REDI-PRIME FRAME MOUNT  
 2415MX-RP-EM REDI-PRIME ENGINE MOUNT

### OPERATING LEVELS

<b>MIN FLOW</b>	70 GPM	16 m <sup>3</sup> /h
<b>MAX FLOW</b>	640 GPM	145 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	2"	50 mm
<b>SUCTION SIZE</b>	4"	100 mm
<b>SOLIDS HANDLING</b>	0.62"	15.75 mm
<b>MAX SPEED</b>	3600 RPM	3600 RPM
<b>SHUT-OFF HEAD</b>	760'	232 m
<b>BEP HEAD</b>	610'	186 m
<b>BEP FLOW</b>	480 GPM	109 m <sup>3</sup> /h
<b>BEP PERCENT</b>	50%	50%



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 2415MX pump is designed with Gemstone's renowned quality and durability. It features a 2" discharge, 4" suction, and enclosed impeller. 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.

- Impeller wear ring optionally hardened to 375-425 bhn
- Volute wear ring optionally hardened to 450-500 bhn
- 3 or 4 vane enclosed CA6NM impellers
- Heavy Duty Bearing Frame
- Double angular contact thrust bearings
- CA6NM Impeller is corrosion-resistant and abrasion-resistant
- Industry-leading efficiencies
- Two year Warranty

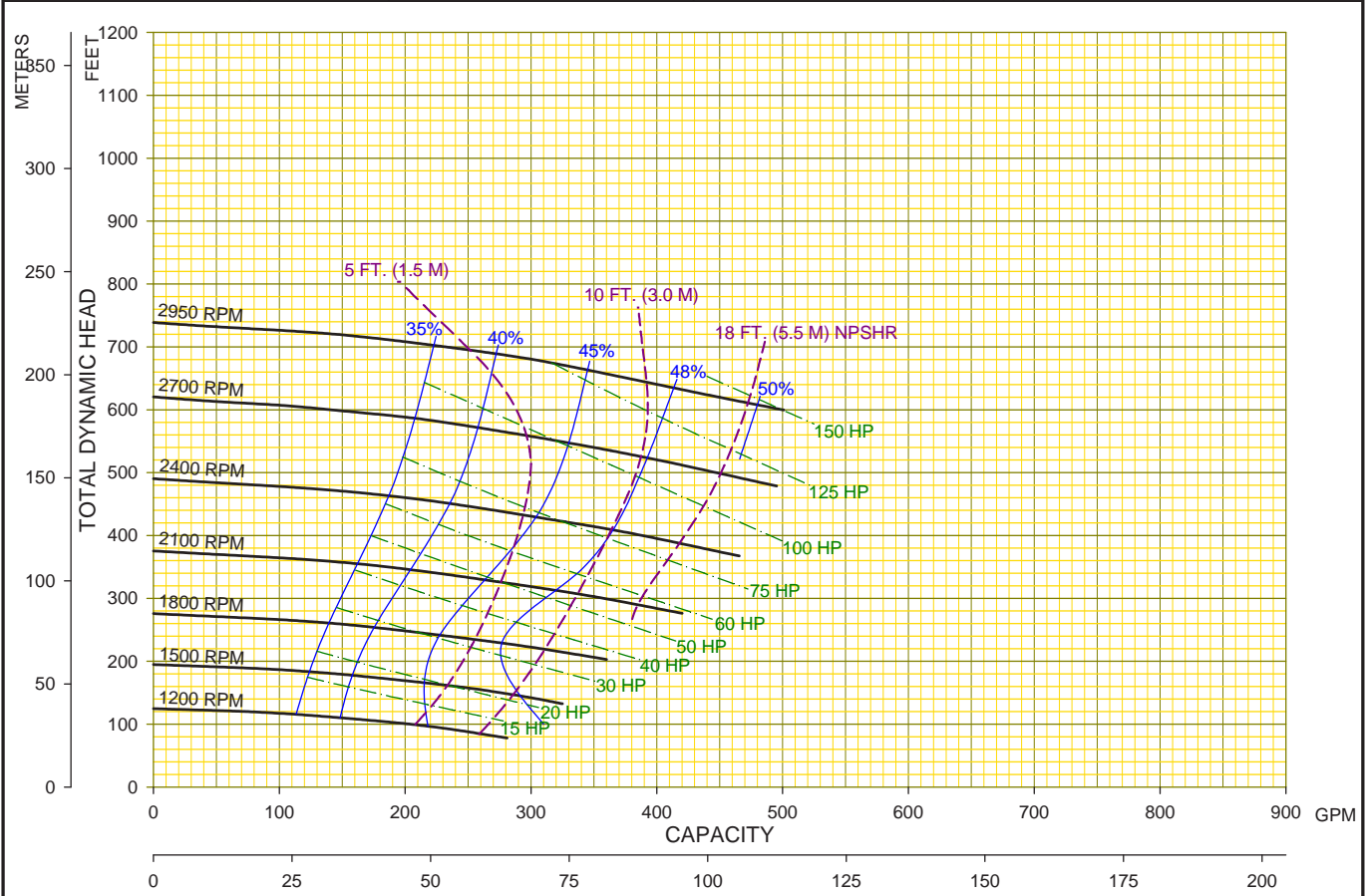




# 2415MX

Performances shown are for S.G. 1.0  
60°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	15.22"	ENCLOSED	SINGLE	.62"	530	4"	2"	3



Gemstone Pump Company	01	03/31/15	CTG	MODEL : 2415MX	CURVE NO: 2415MXVA
	00	06/08/11	- - -	TYPE :MX SERIES	