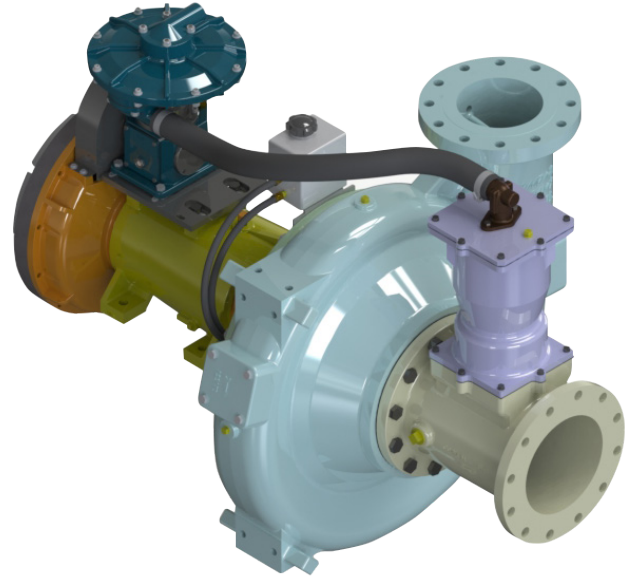


### AVAILABLE MOUNTING CONFIGURATIONS

81024MX-F FRAME MOUNT  
 81024MX-EM ENGINE MOUNT  
 81024MX-RP-F REDI-PRIME FRAME MOUNT  
 81024MX-RP-EM REDI-PRIME ENGINE MOUNT

### OPERATING LEVELS

<b>MIN FLOW</b>	1300 GPM	295 m <sup>3</sup> /h
<b>MAX FLOW</b>	6150 GPM	1396 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	8"	200 mm
<b>SUCTION SIZE</b>	10"	250 mm
<b>SOLIDS HANDLING</b>	2.38"	60 mm
<b>MAX SPEED</b>	1800 RPM	1800 RPM
<b>SHUT-OFF HEAD</b>	700'	213 m
<b>BEP HEAD</b>	552'	168 m
<b>BEP FLOW</b>	4700 GPM	1067 m <sup>3</sup> /h
<b>BEP PERCENT</b>	78%	78%



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.

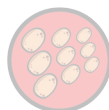
PARTS	STANDARD MATERIAL
<b>WEAR RING</b>	420 STAINLESS STEEL
<b>WEAR PLATE</b>	420 STAINLESS STEEL
<b>IMPELLER</b>	CA6NM
<b>VOLUTE</b>	DUCTILE IRON
<b>SHAFT</b>	17-4 PH STAINLESS STEEL
<b>SHAFT SLEEVE</b>	416 STAINLESS STEEL
<b>BACKPLATE</b>	DUCTILE IRON
<b>MECHANICAL SEAL</b>	TUNGSTEN CARBIDE VS. SILICON CARBIDE
<b>O-RINGS</b>	BUNA-N, NITRILE
<b>BEARING FRAME</b>	F12DB CAST IRON

The 81024MX pump is designed with Gemstone's renowned quality and durability. It features a 8" discharge, 10" 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 plate 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



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL &amp; GAS



REFRIGERATION

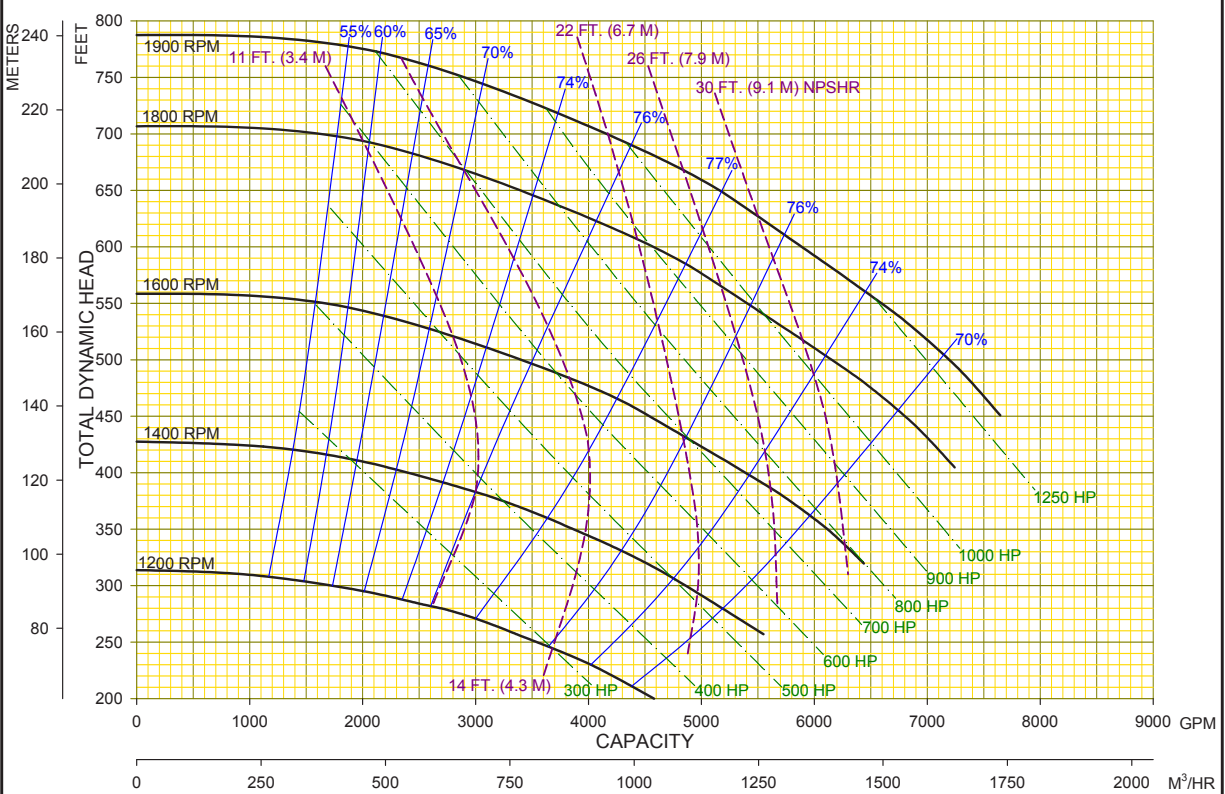


RENTAL

# 81024MX

Performances shown are for S.G. 1.0 60°F water, frame mount 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	24.25"	ENCLOSED	DOUBLE	2.38"	1080	10"	8"	3



Gemstone Pump Company			02 04/11/16 CTG	MODEL : 81024MX	CURVE NO:
			00 03/20/15 JG	TYPE : MX SERIES	81024MXVA

