



# Self Priming Centrifugal Pump

Models 02D3-X1.5 All Voltages  
02D3-X2 All Voltages

Size 2" x 2"



## PUMP SPECIFICATIONS

**Size:** 2" x 2" (52 mm x 52 mm) NPT - Female.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 30 psi (207 kPa).\*

**Enclosed Type, Six Vane Impeller:** Copper Alloy C83600.  
Handles 3/8" (9,5 mm) Diameter Spherical Solids.

**Impeller Shaft:** Stainless Steel 416 (Provided with Motor).

**Replaceable Vane Plate:** Gray Iron 30.

**Intermediate:** Gray Iron 30.

**Seal:** Type 21, Mechanical, Self-Lubricated. Carbon Rotating Face. Ni-Resist Stationary Face. Buna-N Elastomers Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).\*

**Gasket:** NC710 Cork w/Nitrile Binder.

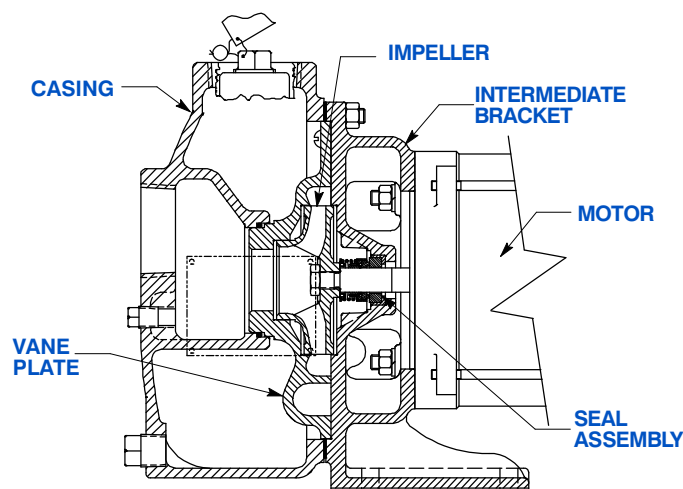
**O-Ring:** Buna-N

**Hardware:** Standard Plated Steel.

**Optional Equipment:** All Iron Construction. Ductile Iron Casing. Type 9 Mechanical Self-Lubricated Seal with Carbon and Ceramic Faces and PTFE Elastomers. Wheel Kit w/Semi-Pneumatic Tires.

*\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

*\*\*Consult Factory for High Altitude Applications Requiring a Motor With a Breather.*



## MOTOR SPECIFICATIONS

**Type:** Explosion Proof.

**Frame Size:** 56.

**Electrical:**

**Model: 02D3-X1.5**

**Single Phase;** 115V/230V, 60 Hz, 15.4/7.7  
Approx. Full Load Amps.

**Three Phase;** 230V/460V, 60 Hz, 4.6/2.3  
Approx. Full Load Amps.

**575V Three Phase;** 575V, 60 Hz, 1.8 Approx.  
Full Load Amps.

**Model: 02D3-X2**

**Single Phase;** 115V/230V, 60 Hz, 20/10  
Approx. Full Load Amps.

**Three Phase;** 230V/460V, 60 Hz, 6/3 Approx.  
Full Load Amps.

**575V Three Phase;** 575V, 60 Hz, 1.8 Approx.  
Full Load Amps.

**RPM:** 3450.



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Specifications Subject to Change Without Notice

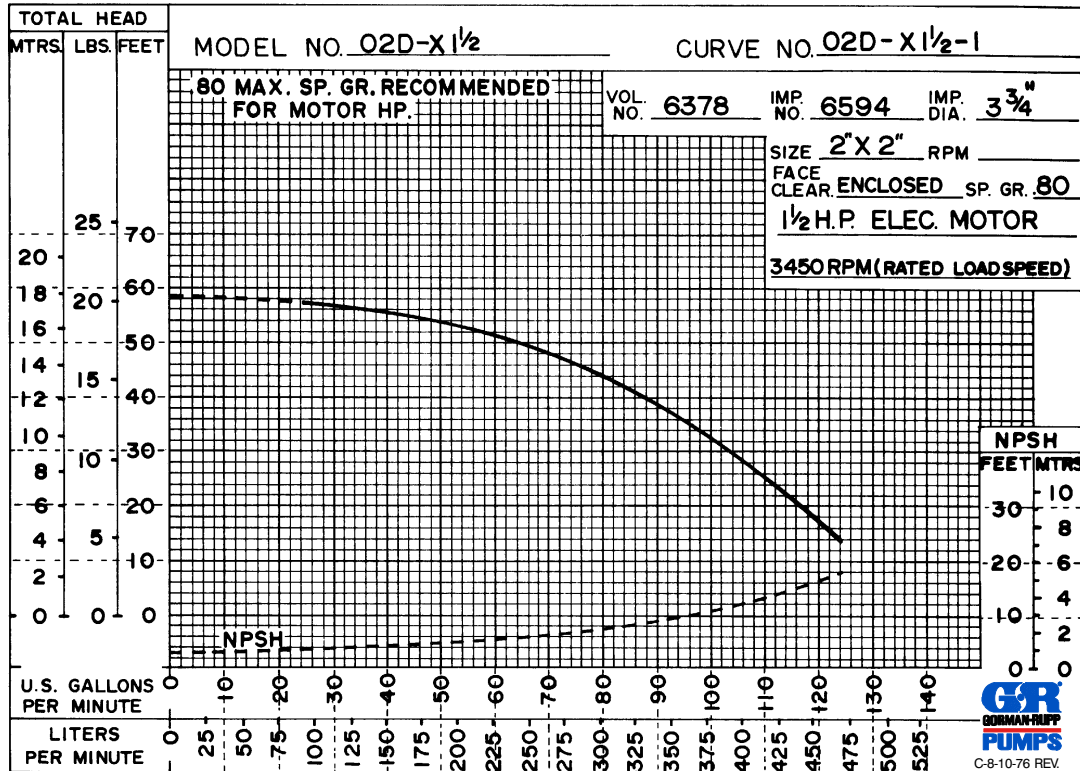
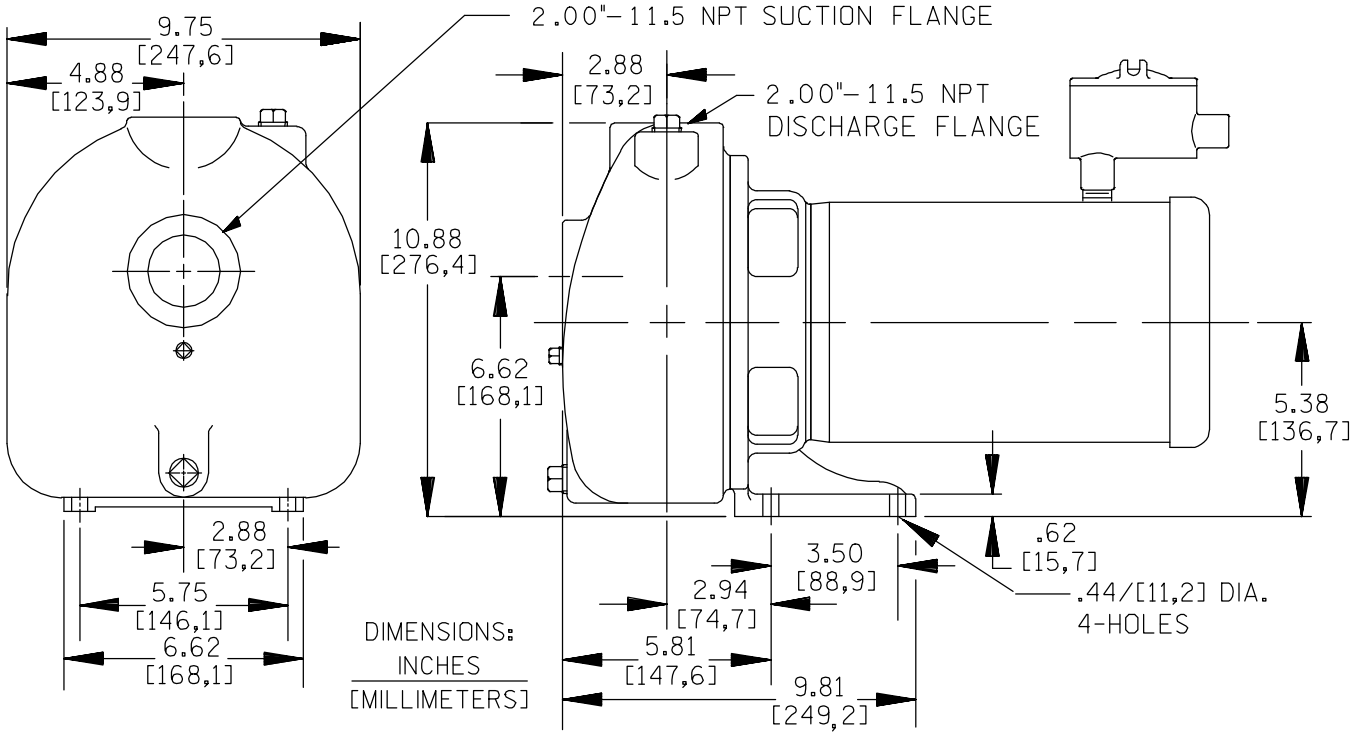
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**Specification Data**

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APPROXIMATE  
DIMENSIONS and WEIGHTS

<b>MODELS</b>	<b>02D3-X1-1/2</b>	<b>02D3-X2</b>
<b>NET WEIGHT:</b>	<b>76 LBS. (34,5 KG.)</b>	<b>95 LBS. (43,0 KG.)</b>
<b>SHIPPING WEIGHT:</b>	<b>86 LBS. (39,0 KG.)</b>	<b>101 LBS. (45,8 KG.)</b>
<b>EXPORT CRATE:</b>	<b>3.6 CU. FT. (0,1 CU. M.)</b>	



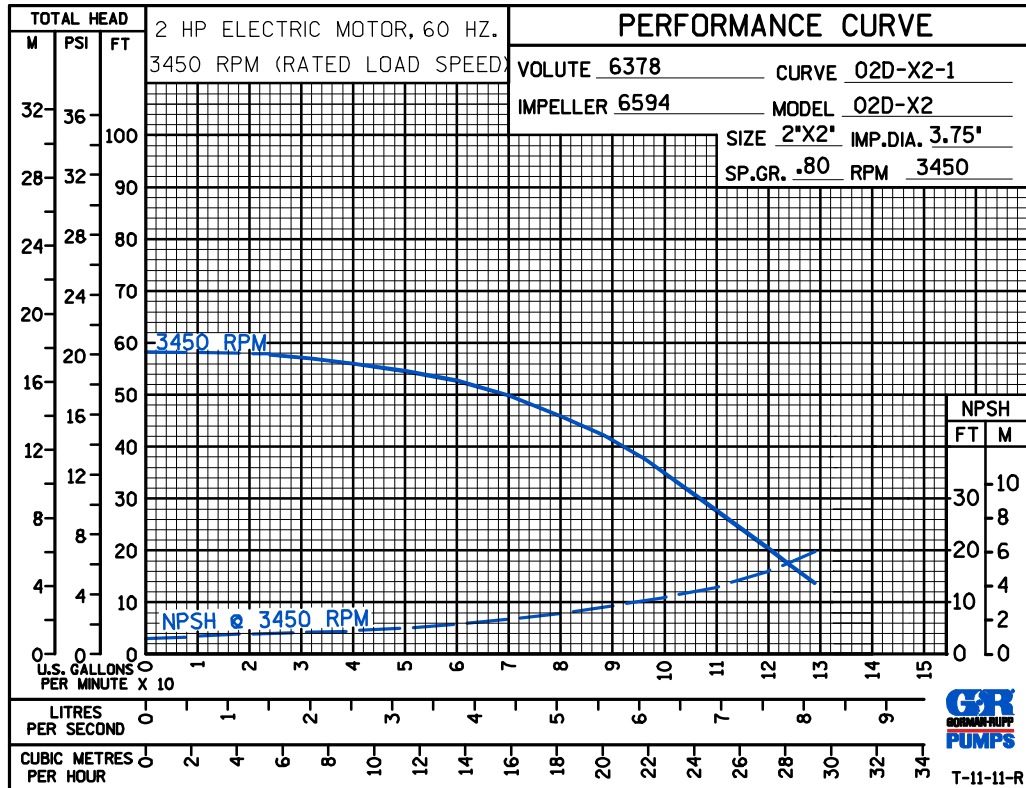
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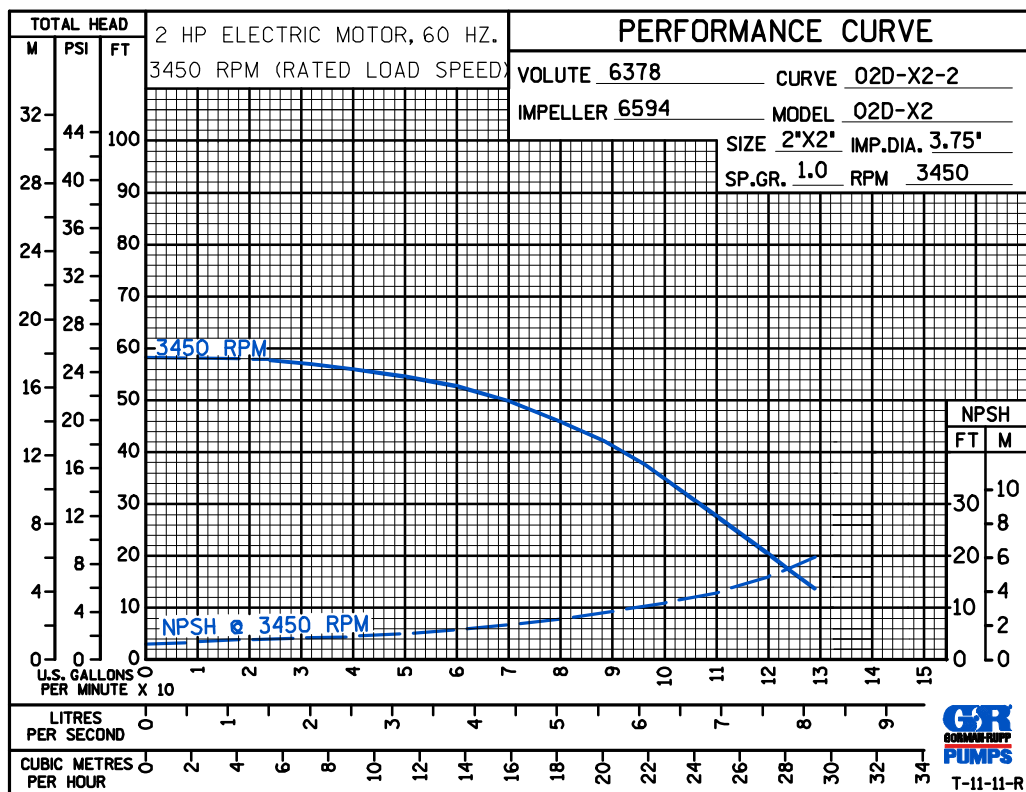
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60 HERTZ  
Performance  
Based on  
Petroleum



60 HERTZ  
Performance  
Based on  
Water



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