



# Self Priming Centrifugal Pump

Models 02C3-X.75 1P, 02C3-X.75 3P,  
02C3-X1.5 1P, 02C3-X1.5 3P,  
02C3-X2 1P and 02C3-X2 3P

Size 2" x 2"



## PUMP SPECIFICATIONS

**Size:** 2" x 2" (51 mm x 51 mm) NPT – Female.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 28 psi (200 kPa).\*

**Enclosed Type, Five Vane Impeller:** Copper Alloy C83600.

Handles 11/32" (8,7 mm) Diameter Spherical Solids.

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

**Intermediate:** Gray Iron 30.

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

**Gasket:** NC710 Cork with Nitrile Binder.

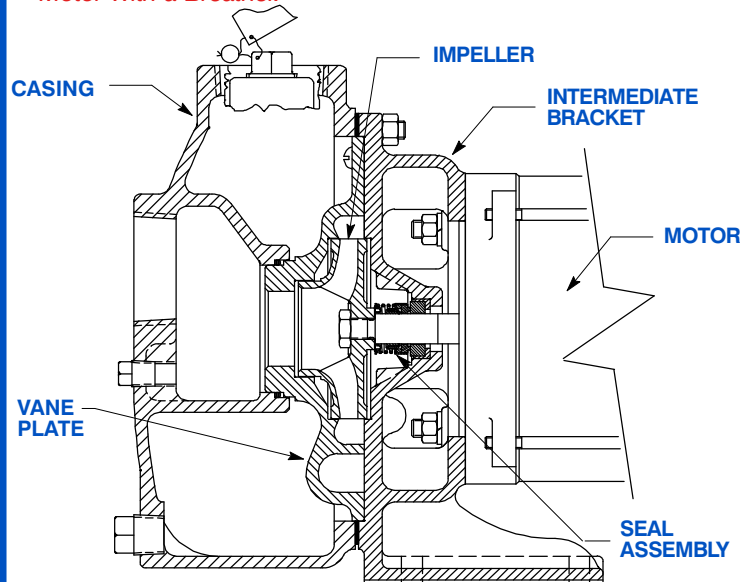
**O-Ring:** Fluorocarbon (DuPont Viton® or Equivalent).

**Hardware:** Standard Plated Steel.

**Optional Equipment:** All Iron Construction. Ductile Iron Casing. Type 9 Mechanical Self-Lubricated Seal w/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.*



## .75 H.P. MOTOR SPECIFICATIONS:

**Type:** Explosion Proof.

**Frame Size:** 56.

**Voltage:**

**Model 02C3-X.75 1P**

Single Phase 115/230 Volts, 60 Hertz.

Approx. F.L. Amps: 11.0/5.5.

**Model 02C3-X.75 3P**

Three Phase 230/460 Volts, 60 Hertz.

Approx. F.L. Amps: 3.2/1.6

**RPM:** 3450

## 1.5 H.P. MOTOR SPECIFICATIONS:

**Type:** Explosion Proof.

**Frame Size:** 56.

**Voltage:**

**Model 02C3-X1.5 1P**

Single Phase 115/230 Volts, 60 Hertz.

Approx. F.L. Amps: 15.4/7.7.

**Model 02C3-X1.5 3P**

Three Phase 230/460 Volts, 60 Hertz.

Approx. F.L. Amps: 4.6/2.3.

**RPM:** 3450

## 2 H.P. MOTOR SPECIFICATIONS:

**Type:** Explosion Proof.

**Frame Size:** 56.

**Voltage:**

**Model 02C3-X2 1P \*\***

Single Phase 115/208–230 Volts, 60 Hertz.

Approx. F.L. Amps: 23.0/12.0–11.5.

**Model 02C3-X2 3P**

Three Phase 230/460 Volts, 60 Hertz.

Approx. F.L. Amps: 6.0/3.0.

**RPM:** 3450



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Specifications Subject to Change Without Notice

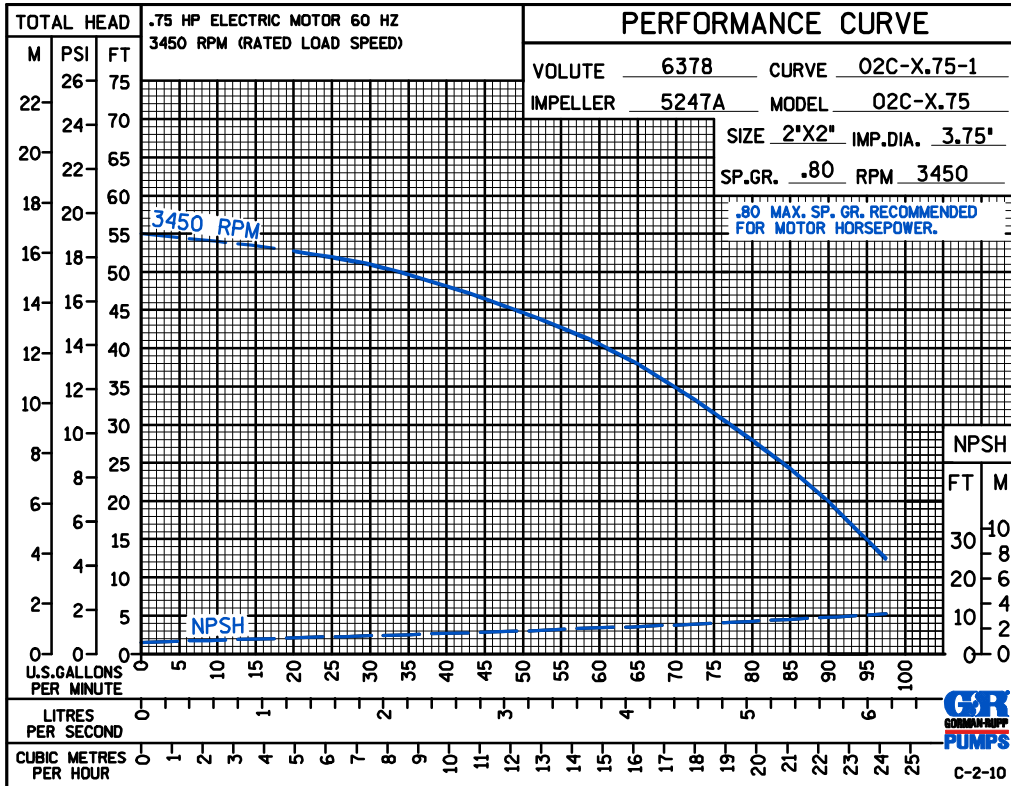
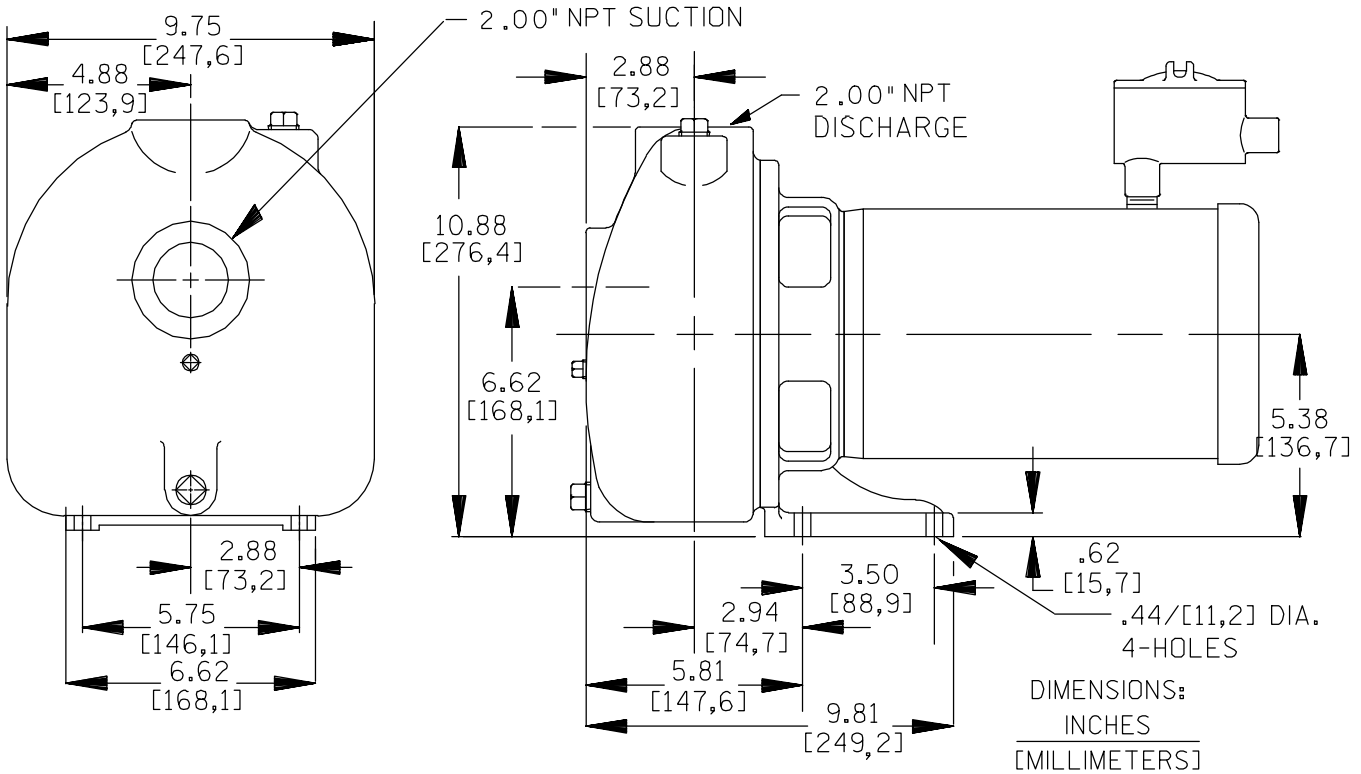
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**Specification Data**

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APPROXIMATE DIMENSIONS and WEIGHTS

	02C3-X.75 1P/3P	02C3-X1.5 1P/3P	02C3-X2 1P/3P
NET WEIGHT:	90 LBS. (40,8 KG.)	90 LBS. (40,8 KG.)	98 LBS. (44,5 KG.)
SHIPPING WEIGHT:	95 LBS. (43,1 KG.)	90 LBS. (40,8 KG.)	103 LBS. (46,7 KG.)
EXPORT CRATE:	3.6 CU. FT. (0,1 CU. M.)		



60 HERTZ  
Performance  
Based on  
Petroleum



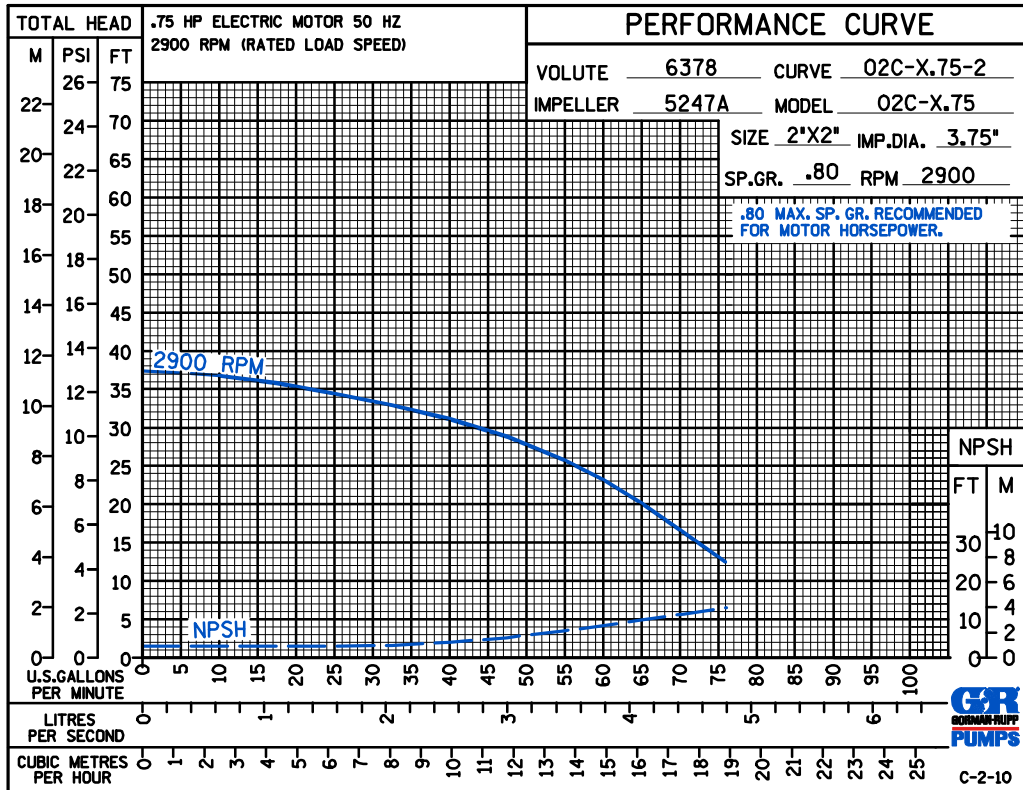
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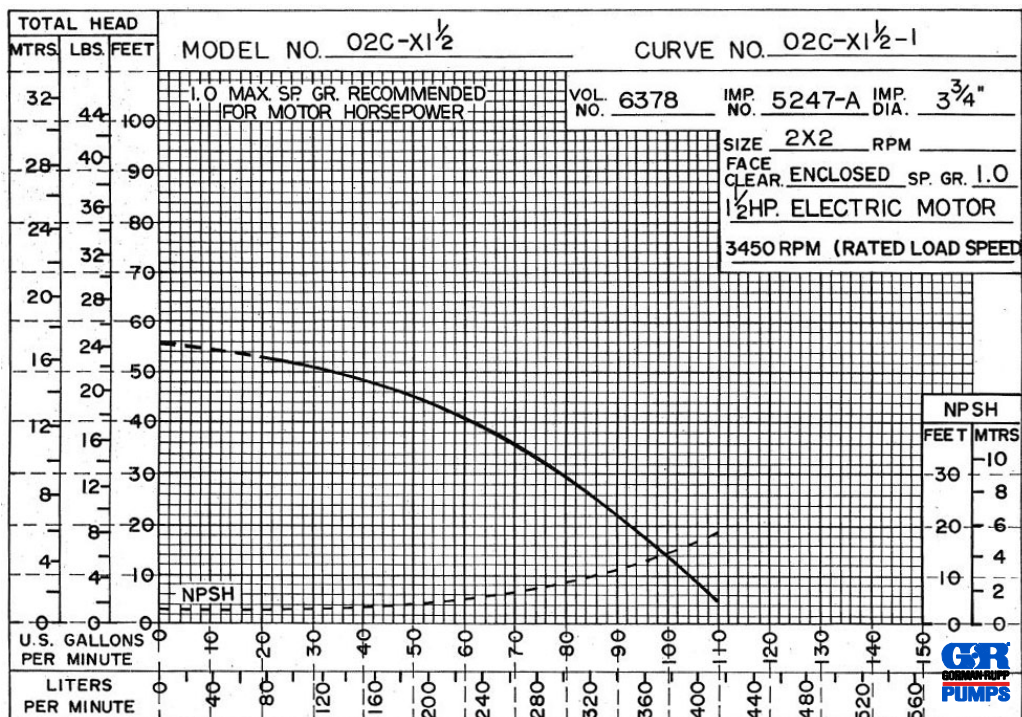
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50 HERTZ  
Performance  
Based on  
Petroleum



60 HERTZ  
Performance  
Based on  
Water



T-4-15-77



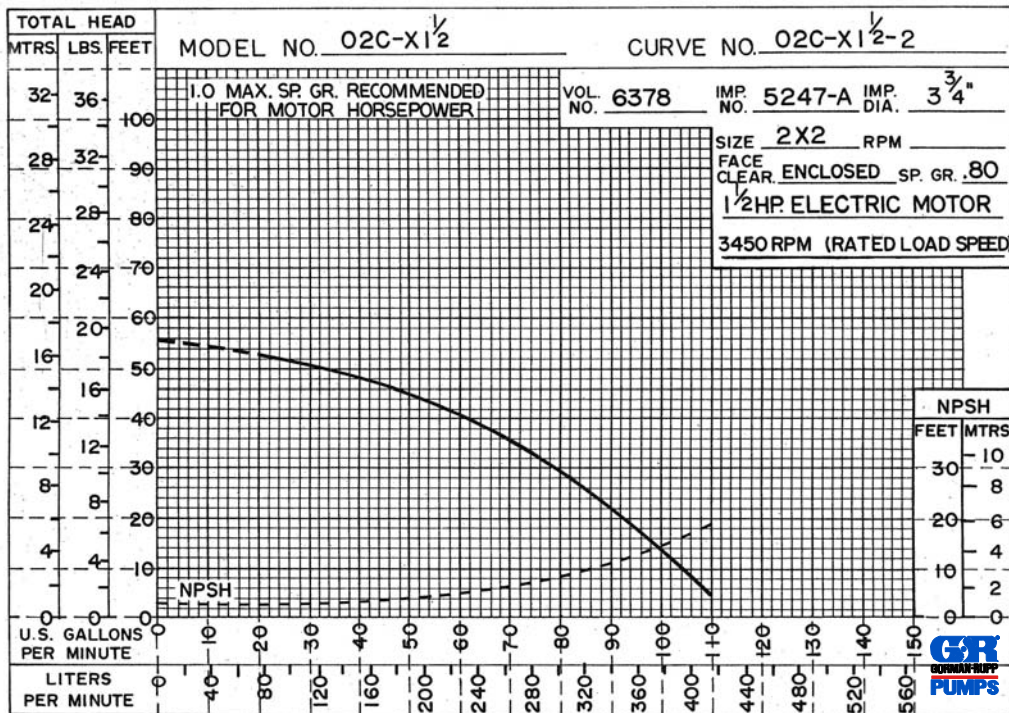
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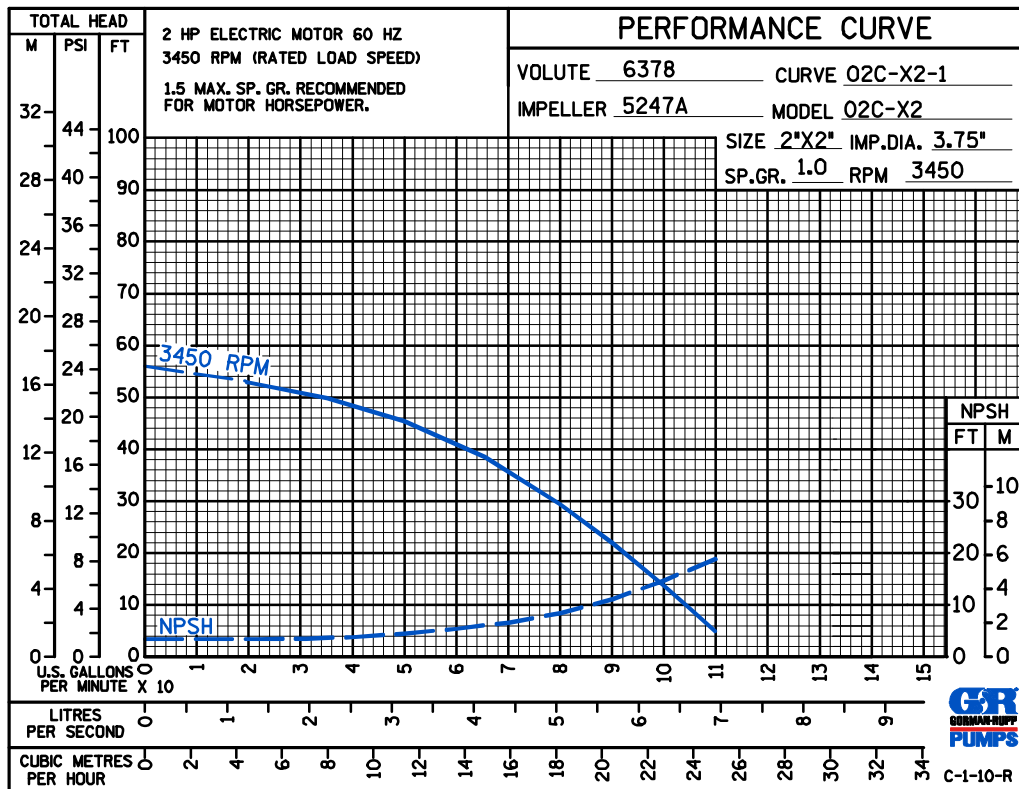
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60 HERTZ  
Performance  
Based on  
Petroleum



T-5-9-77

60 HERTZ  
Performance  
Based on  
Water



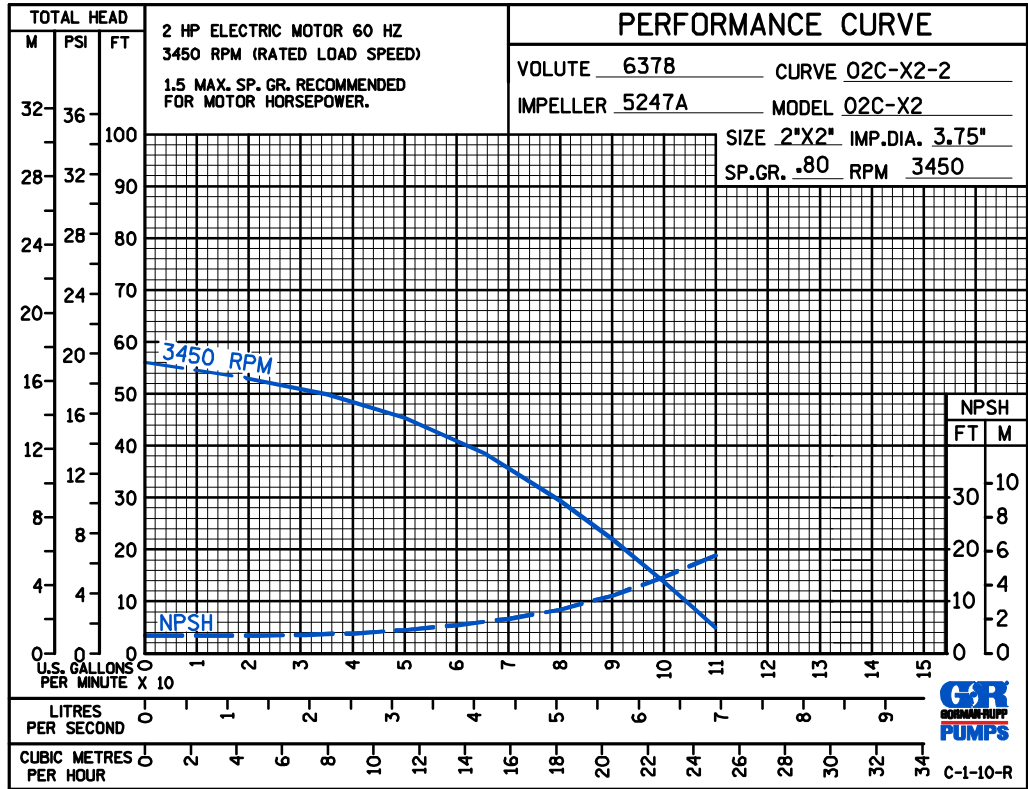
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60 HERTZ  
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