

# Self Priming Centrifugal Pump



**Models 02K3-X2 1P, 02K11-X2 1P, 02K31-X2 1P  
02K3-X2 3P, 02K11-X2 3P and 02K31-X2 3P**

**Size 2" x 2"**

## PUMP SPECIFICATIONS

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

**Casing:**

(02K3-X2 and 02K11-X2): Gray Iron 30.

(02K31-X2): Ductile Iron 60-40-18.

Maximum Operating Pressure 46 psi (317 kPa).\*

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

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

**Intermediate:**

(02K3-X2 and 02K11-X2): Gray Iron 30.

(02K31-X2): Ductile Iron 60-40-18.

**Seal:** SEE CHART.

**Gaskets:**

(02K3-X2 and 02K31-X2): NC710 Cork with Nitrile Binder.

(02K11-X2): Teflon.

**O-Ring:** Fluorocarbon (DuPont Viton® or Equivalent).  
**02K11 - X2 only:** Silicon with Teflon

**Hardware:** Standard Plated Steel.

**Optional Equipment:**

Wheel Kit <sup>w</sup>Semi-Pneumatic Tires. All Iron Construction.

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

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



## MOTOR DESCRIPTION

**Type:** Explosion Proof

**Horsepower:** 2

**Frame Size:** 56

**Voltage:** Models 02K3-X2 1P, 02K11-X2 1P and 02K31-X2 1P \*\*

Single Phase 115/230 Volts, 60 Hertz  
Approx. F.L. Amps: 23.0/11.5

Models 02K3-X2 3P, 02K11-X2 3P and 02K31-X2 3P

Three Phase 230/460 Volts, 60 Hertz  
Approx. F.L. Amps: 5.4/2.7

**RPM:** 3450

MODEL	SEAL DESCRIPTION
02K3-X2 02K31-X2	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).*
02K11-X2	Type 9, Mechanical, Self-Lubricated. Carbon Rotating Face. Ceramic Stationary Face. Teflon Elastomers. Stainless Steel 316 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F. (71°C).*



**GORMAN-RUPP PUMPS**

www.grpumps.com

Specifications Subject to Change Without Notice

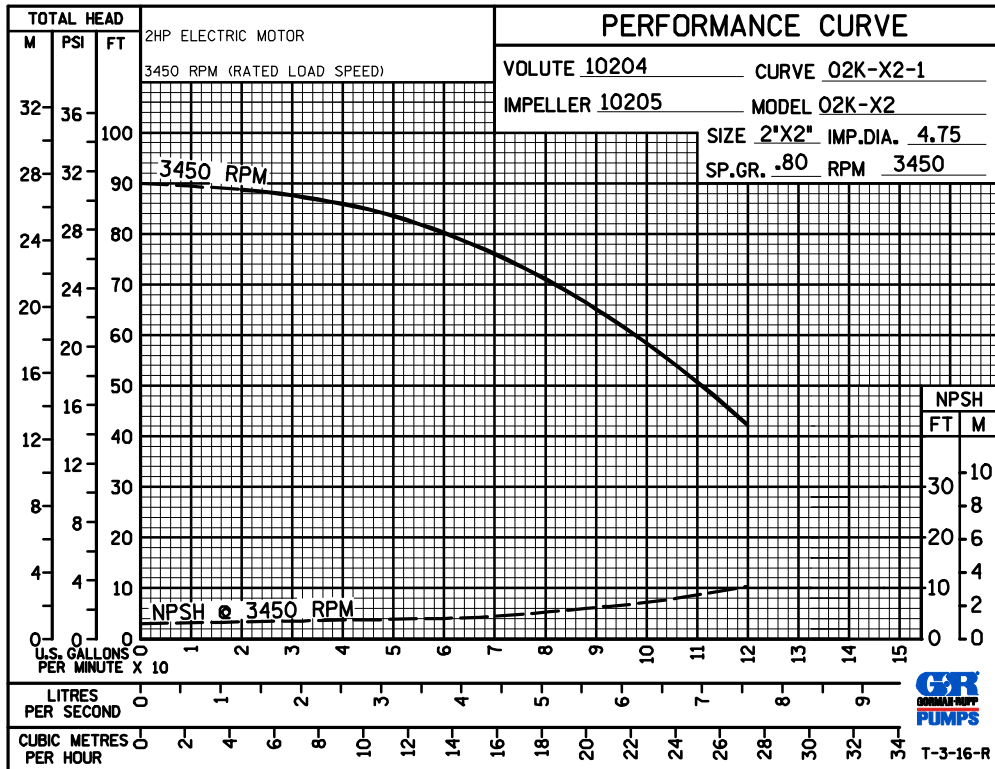
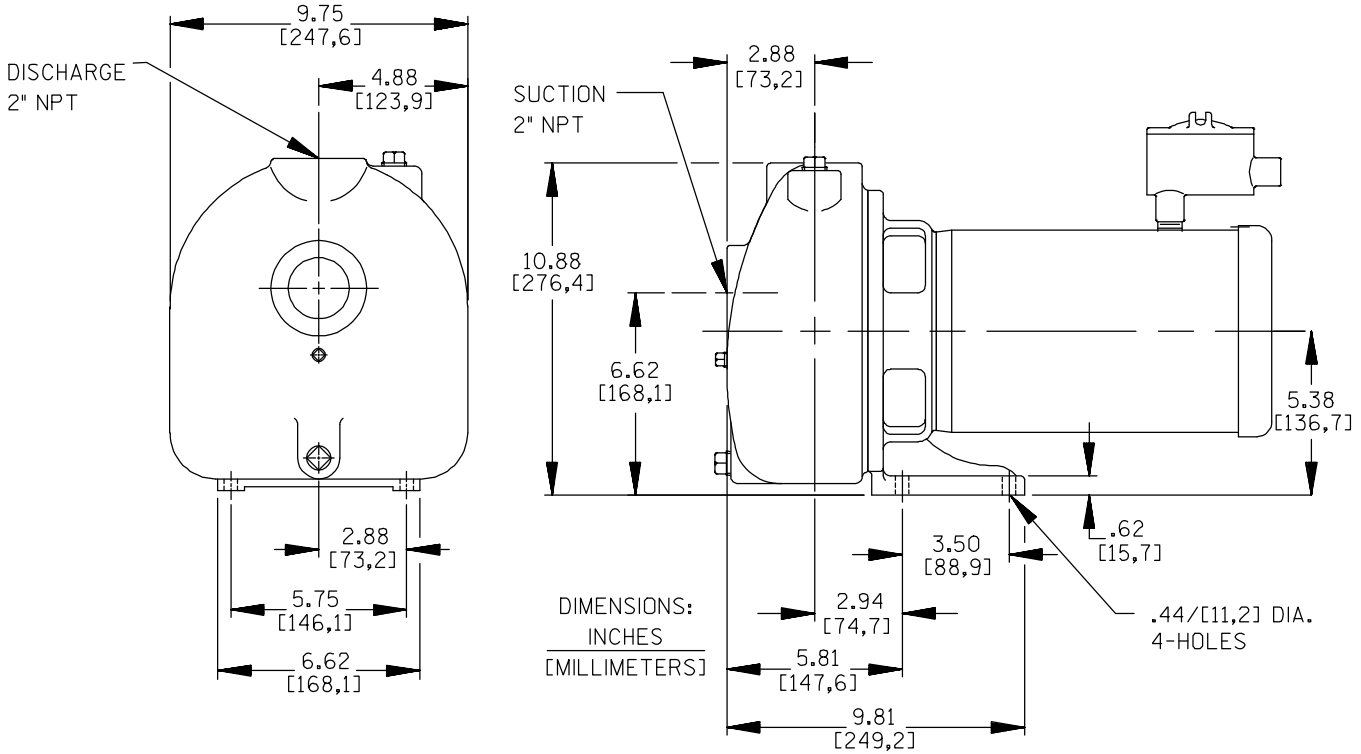
Printed in U.S.A.

**Specification Data**

APPROXIMATE  
DIMENSIONS and WEIGHTS

NET WEIGHT: 107 LBS. [49 KG.]  
SHIPPING WEIGHTS: 120 LBS. [54 KG.]  
EXPORT CRATE: 3.6 CU. FT. [.10 CU. M.]

SECTION 30, PAGE 801



**GORMAN-RUPP PUMPS**

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.