

BC

Electric Motor Driven



Self Priming Centrifugal Pump

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

Size 2" x 2"

THE FOLLOWING MODELS ARE INCLUDED ON THIS SPECIFICATION DATA SHEET:

02K3-X2 1P 02K11-X2 1P 02K31-X2 1P
02K3-X2 3P 02K11-X2 3P 02K31-X2 3P

PUMP SPECIFICATIONS

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

Casing:

(02K3-X2 and 02K11-X2): Gray Iron No. 30.

(02K31-X2): Ductile Iron No. 60-40-18.

Maximum Operating Pressure 59 psi (404 kPa).*

Enclosed Type, Four Vane Impeller: Copper Alloy No. C83600.

Handles 3/8" (9,5 mm) Diameter Spherical Solids.

Replaceable Vane Plate: Gray Iron No. 30.

Intermediate:

(02K3-X2 and 02K11-X2): Gray Iron No. 30.

(02K31-X2): Ductile Iron No. 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).

Hardware: Standard Plated Steel.

Optional Equipment:

2 Wheel Truck Assembly with 10.00" x 2.75"
(254 mm x 70 mm) Semi-Pneumatic Tires.

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



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: 19.8/9.9

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 No. 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 No. 316 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F. (71°C).*



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Specifications Subject to Change Without Notice

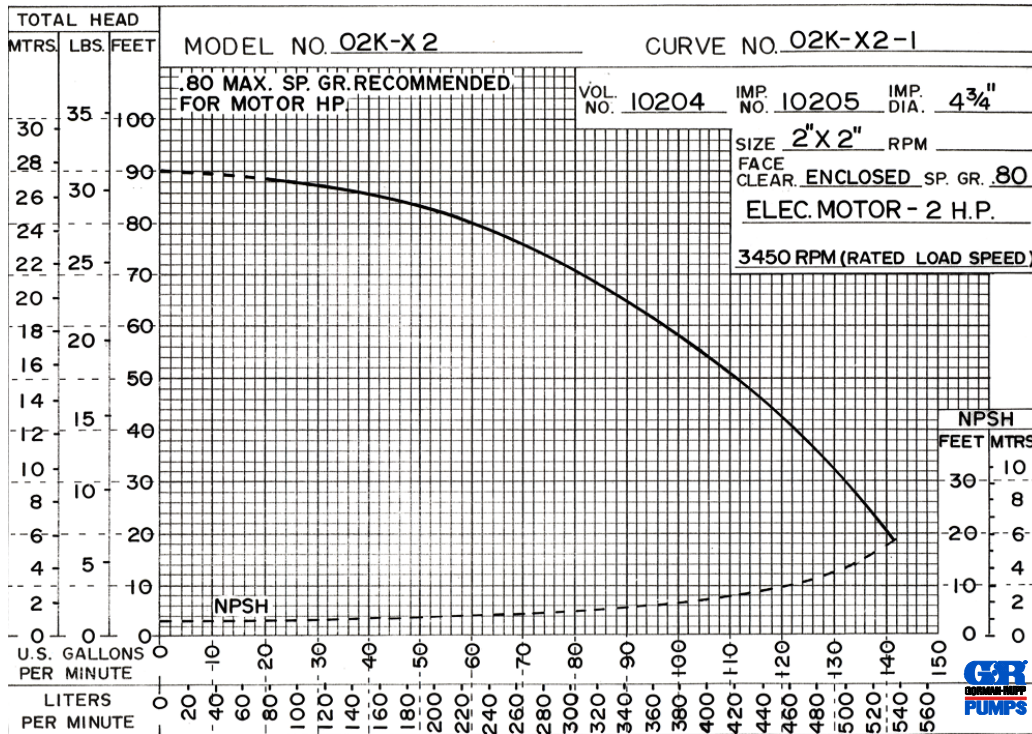
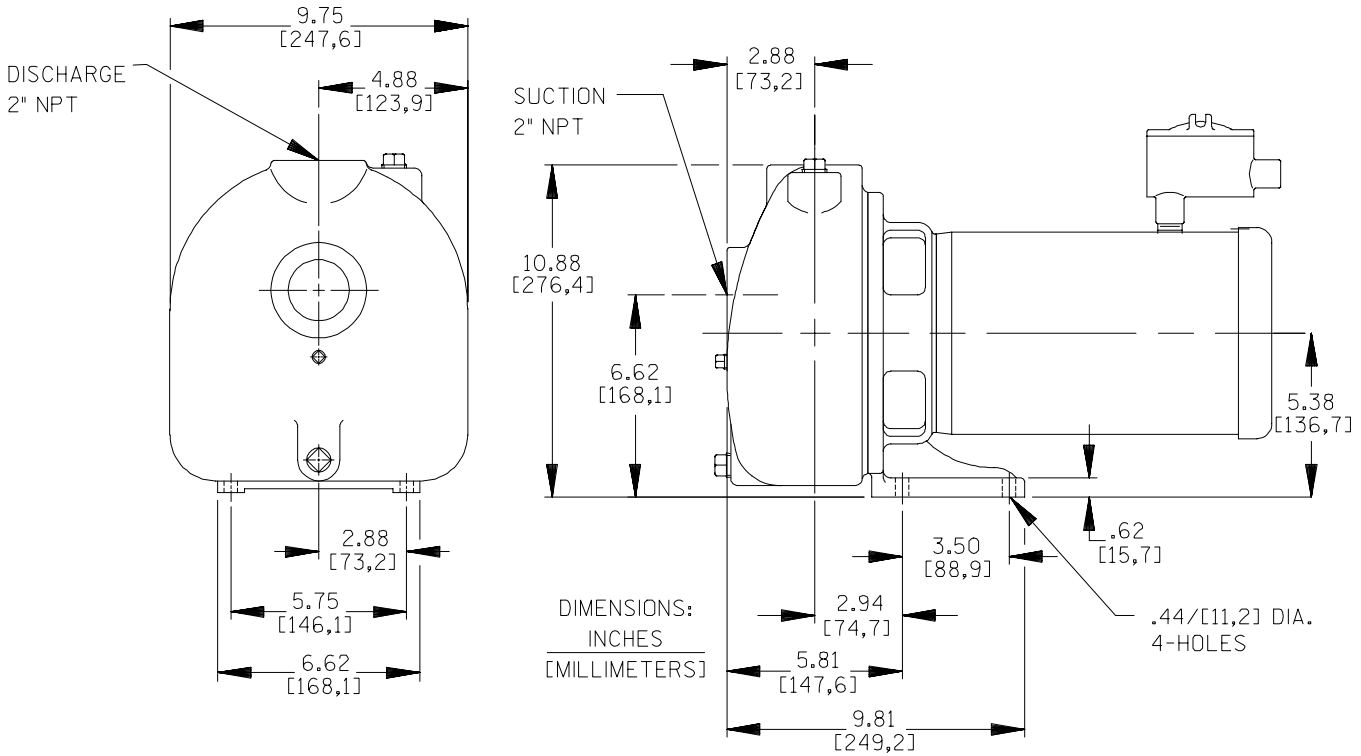
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Specification Data

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.]

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