



# Self Priming Centrifugal Pump

## Model 04A52-B

### Size 4" x 4"

#### PUMP SPECIFICATIONS

**Size:** 4" x 4" (102 mm x 102 mm) NPT - Female.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 235 psi (1620 kPa).\*

**Enclosed Type, Five Vane Impeller:** Gray Iron 30.

Handles 9/16" (14,3 mm) Diameter Spherical Solids.

**Impeller Shaft:** Carbon Steel 1045.

**Replaceable Wear Rings:** Gray Iron 30.

**Removable Cleanout Cover:** Gray Iron 30, 2 lbs. (0,9 kg.).

**Pedestal:** Gray Iron 30.

**Bearing Cap:** Gray Iron 30.

**Seal Plate:** Gray Iron 30.

**Shaft Sleeve:** Alloy Steel 4130.

**Radial Bearing:** Single Row Ball Type.

**Thrust Bearing:** Double Row Ball Type.

**Bearing Lubrication:** SAE 30 Non-Detergent Oil.

**Flanges:** Ductile Iron 60-40-18.

**Gaskets:** Cork <sup>w/</sup>Nitrile Binder NC710.

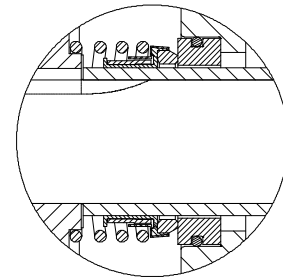
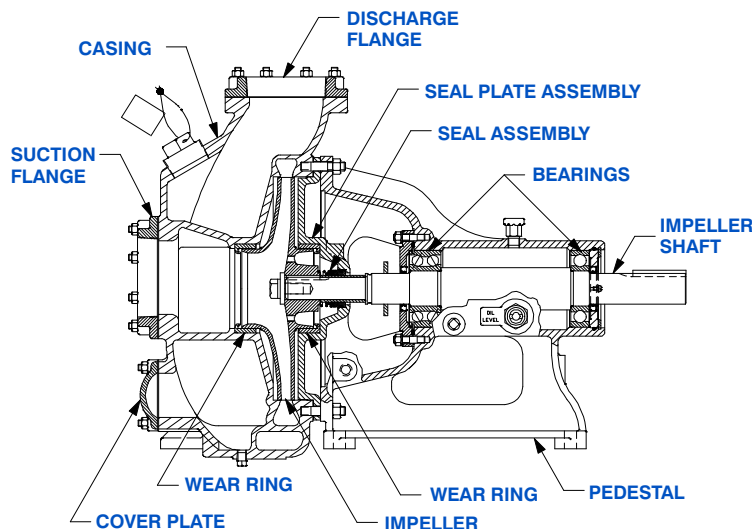
**O-Rings:** Buna-N.

**Hardware:** Standard Plated Steel.

**Oil Level Sight Gauge.**

**Optional Equipment:** Type 21 Mechanical Seal with Silicon Graphite Rotating and Stationary Faces.

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



#### SEAL DETAIL

Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton<sup>®</sup> or Equivalent). Stainless Steel 304 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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