

ABCE

Basic Pedestal

Self Priming Centrifugal Pump



Models 81 1/2D3-B, 81 1/2D11-B and 81 1/2D52-B

Size 1 1/2" x 1 1/2"

PUMP SPECIFICATIONS

Size: 1 1/2" x 1 1/2" (38 mm x 38 mm) NPT - Female.

Casing: Gray Iron No. 30.

Maximum Operating Pressure 47 psi (324 kPa).*

Semi-Open Type, Five Vane Impeller:

(81 1/2D3-B and 81 1/2D11-B) Copper Alloy C93700.

(81 1/2D52-B) Gray Iron No. 30.

Handles 9/32" (7,1 mm) Diameter Spherical Solids.

Impeller Shaft:

(81 1/2D3-B and 81 1/2D52-B) Carbon Steel No. 1215.

(81 1/2D11-B) Stainless Steel No. 303/304.

Replaceable Vane Plate: Gray Iron No. 30.

Intermediate: Gray Iron No. 30.

Bearing Housing: Gray Iron No. 30.

Radial and Thrust Bearings: Sealed Single Row Ball Type.

Bearing Lubrication: Self-Lubricated.

Hardware: Standard Plated Steel.

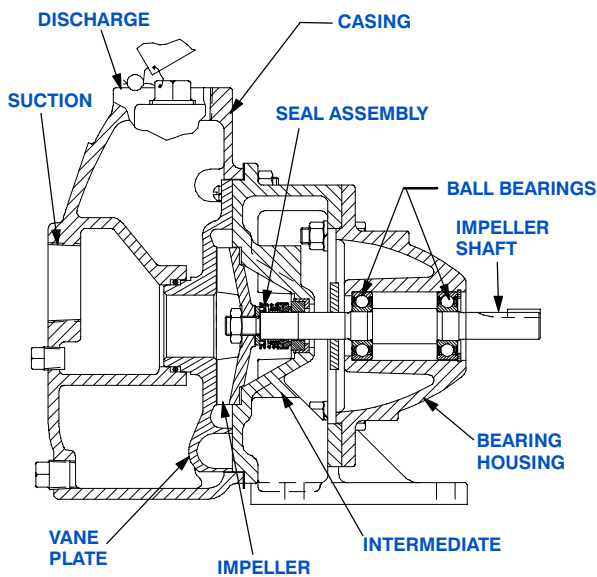
Gaskets: (81 1/2D3-B and 81 1/2D52-B) Vegetable Fiber.

(81 1/2D11-B) PTFE.

Optional Equipment: Strainer.

Consult Factory for Additional Options.

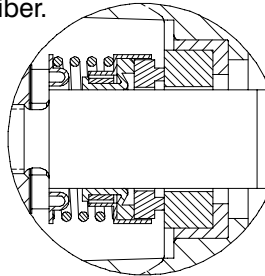
**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*



81 1/2D3-B SHOWN

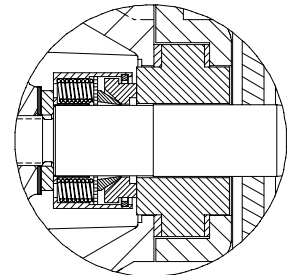
81 1/2D3-B SEAL DETAIL

Type 21, Mechanical, Self Lubricated. Carbon Rotating Face and 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).*



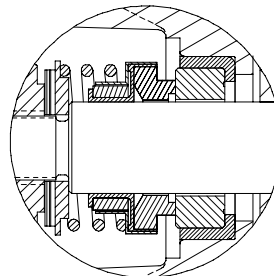
81 1/2D11-B SEAL DETAIL

Type 9, Mechanical, Self Lubricated. Carbon Rotating Face. Ceramic Stationary Face. PTFE Elastomers. Stainless Steel No. 316 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*



81 1/2D52-B SEAL DETAIL

Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 304 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*



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