

ABCE

Basic Pedestal

# Self Priming Centrifugal Pump

Models 81 1/2E3-B and 81 1/2E52-B

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



**PUMP SPECIFICATIONS**

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

**Casing:** Gray Iron No. 30.

Maximum Operating Pressure 47 psi (324 kPa).\*

**Semi-Open Type, Five Vane Impeller:**

**(81 1/2E3-B)** Copper Alloy C93700.

**(81 1/2E52-B)** Gray Iron No. 30.

Handles 1/4" (6,4 mm) Diameter Spherical Solids.

**Impeller Shaft:** Carbon Steel No. 1215.

**Replaceable Vane Plate:** Gray Iron No. 30.

**Bearing Housing:** Gray Iron No. 30.

**Intermediate Bracket:** Gray Iron No. 30.

**Radial/Thrust Bearings:** Sealed Single Row Ball Type.

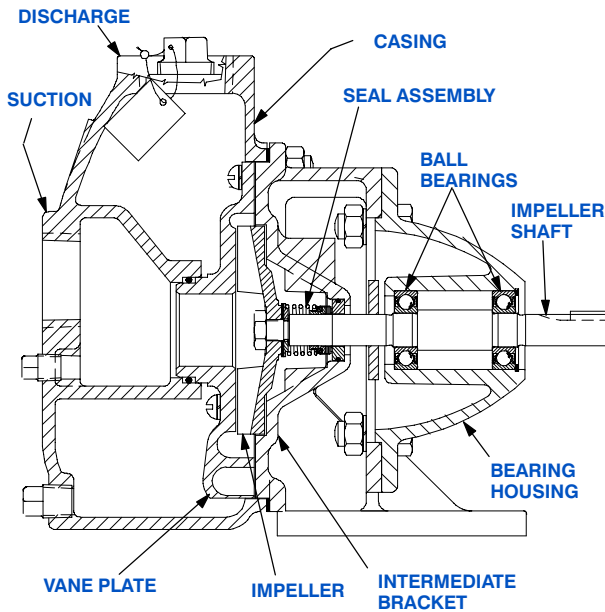
**Bearing Lubrication:** Self-Lubricated.

**Hardware:** Standard Plated Steel.

**Optional Equipment:** Strainer.

Consult Factory for Additional Options.

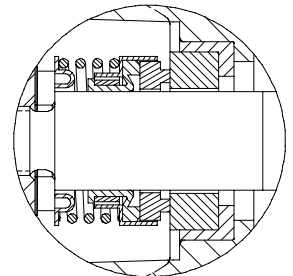
*\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*



81 1/2E3-B SHOWN

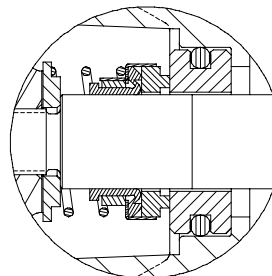
**81 1/2E3-B SEAL DETAIL**

Type 21, Mechanical, Self Lubricated. Carbon Rotating Face and Ni-Resist Stationary Face. Stainless Steel No. 18-8 Cage and Spring. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Maximum Temperature of Liquid Pumped, 160°F (71°C).\*



**81 1/2E52-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).\*



COURTESY OF  
**MASCOTT EQUIPMENT COMPANY**  
Portland Seattle Tri-Cities  
[www.mascottec.com](http://www.mascottec.com)

