**Prime Aire PLUS**

**Basic Pump**

**Sec. 43 NOVEMBER 2016**

**Primed Assisted Centrifugal Pump**

**Model PAH16A60C-B**

**Size 18” x 16”**

**PUMP SPECIFICATIONS**

**Size:** 18” x 16” (457 mm x 406 mm) Flanged.

**Casing:** Ductile Iron 65-45-12.

Maximum Operating Pressure 133 psi (917 kPa).*

**Enclosed Type, Four Vane Impeller:** Ductile Iron 80-55-06.

Handles 4” (101.6 mm) Diameter Spherical Solids.

**Suction Head:** Gray Iron 30.

**Suction Spool:** Gray Iron 30.

**Impeller Shaft:** Alloy Steel 4150M.

**Replaceable Wear Ring:** Ductile Iron 65-45-12.

**Bearing Pedestal:** Gray Iron 30.

**Seal Plate:** Ductile Iron 65-45-12.

**Shaft Sleeve:** Stainless Steel 303/304.

**Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.

**Discharge Check Valve:** Ductile Iron Housing w/Buna-N Flapper.

**Radial Bearing:** Open Single Row Straight Roller.

**Radial/Thrust Bearing:** Open Double Row Tapered Roller.

**Bearing Cavity Lubrication:** Lithium EP2 Grease.

**Gaskets:** Resistant Synthetic Rubber, Vegetable Fiber w/Compressed Synthetic Fibers.

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

**Hardware:** Standard Plated Steel.

**Seal Cavity Oil Level Sight Gauges.**

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

**Standard Equipment:** Belt Driven Air Compressor With Electric Motor Driven Cooling Fan (12 Volt Power Supply Required to be Supplied by End User). Strainer.

**Optional Equipment:** Base. NPT Threaded Flange Kit. Coupling. TEFC Motor. Suction Vacuum and Discharge Pressure Gauge Kit.

**SEAL DETAIL**


---

* Specifications Subject to Change Without Notice Printed in U.S.A.

© Copyright Gorman-Rupp Pumps 2016