Kinney A Series: A5, A10, A15, A20
Single-Stage Liquid Ring Vacuum Pumps

Features and Benefits

• Simple design, rugged construction.
• Built to run in the most severe of industrial conditions.
• Unique design allows pump to operate flooded, without damage.
• Flat power curve over entire vacuum range prevents motor overload.
• No contact between operating components in the casing.
• Pull down to 29” Hg - 25 Torr (33 mbar a).
• Increased water handling capability prevents heat build-up, extends life of single mechanical seal.
• Reduced stress on motor shaft and bearings.
• Available in stainless steel, bronze, or cast iron.
• Compact, close-coupled design eliminates need for interstage manifold or motor alignment.

Applications

• Vacuum Packaging
• Extruders
• Solvent Distillation/Vapor Recovery
• Sterilization
• Degasifiers
• Evaporators
• Freeze Drying
• Vapor Coating
• Gas Compression
Kinney A Series: A5 to A20
Single-Stage Liquid Ring Vacuum Pumps

Pumping Curve  Models A5 to A20

Performance curves are based on dry air at 68°F (20°C), 60°F (15°C) seal water, and 29.92 inches of mercury (760 torr) barometric pressure.

Provac Sales Inc.  2535 7th Avenue, Suite 4, Santa Cruz, California 95062
Kinney A Series: A5 to A20
Single-Stage Liquid Ring Vacuum Pumps

TECHNICAL SPECIFICATIONS

Close-coupled Design

<table>
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<tr>
<th>MODEL</th>
<th>FRAME</th>
<th>INLET NPT</th>
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<th>MOTOR HP</th>
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<td>3.6 / 92</td>
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Materials of Construction

**Casing, Cover, Rotor, Port Cylinder:**
- All Bronze
- Cast Iron, Bronze Fitted
- All Stainless Steel

**Mechanical Seals:**
- BUNA — Optional
- Vilon™ — Cast Iron Bronze Fitted, All Bronze, Stainless Steel
- EPR — Optional
- Kalrez™ — Optional

**Drive Options:**
- Pedestal Frame
- Close-coupled motor

**Stocked Motors:**
- TEFC — 3Ø
- TEFC — 1Ø

**Optional Motors:**
- XP Class I, GpD — 3Ø — Optional
- XP Class I, GpD — 1Ø — Optional