



Heavy-Duty Rotary Airlock



ROUND	CFR
6X6	0.07
8X8	0.18
10X10	0.36
12X12	0.64
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14X14	1.12
16X16	1.62

The Heavy-Duty Drop-Thru rotary airlock valves are designed to withstand high temperatures and Vacuum differentials up to 17" Hg. This design sets the standard by which all others in the industry are measured. It offers the heaviest gauge rotor vane stock of any competing product, extra thick endplates, flanges and housing walls, along with outboard mounted oversized bearings that are pre-lubricated and permanently sealed to ensure low maintenance and prolonged life.

Available with 6-vane or 8-vane rotor design. Square or round flange housing with cast iron, 304/316 stain-less steel or Ni-hard construction.

UNMATCHED COMPETITIVE ADVANTAGES:

- Available in twelve sizes from 6x6 through 36x36
- Round or square flange assures system compatibility
- Larger diameter shafts for less deflection and optimum torque delivery
- Full flow throat design permits maximum flow to rotor pocket
- Permanently sealed bearings ensure protection from contamination
- Special rotor designs including coatings, polishing, shallow pockets and closed end to specifically match your application
- Housing coating options include hard chrome, nickel, teflon, tungsten carbide, chrome carbide and plasma
- Cast iron and stainless steel housings are standard providing maximum structural stability with optional cast materials available including; inconel, hastelloy, cast steel or aluminum

COMMON SERVICE CONDITIONS:

- Pressure Rating: 22 PSI
- Maximum Operating Temperature: 1,000°F
- Materials: Dry Free-Flowing Including: Corrosive, Hygroscopic, Abrasive

TYPICAL APPLICATIONS:

- Pneumatic Conveying Blending
- Dust Collection Drying
- Pollution Control Weighing
- Mixing Feeding

RELEVANT INDUSTRIES:

- Asphalt Cement
- Food Power
- Baking Mining
- Chemical Paint
- Plastics Petrochem