

Reduce Rotor Service Cycle Times

ACS Valves introduces its cast iron rotary airlock valves with ACS RotorRail™, which enables tool-less access to the rotor and all internal surfaces of the housing without disassembly of the rotor, or the removal of



upstream or downstream equipment commonly associated with standard valve configurations from service. According to the company, when compared to bolt-together housing designs, the RotorRail™ reduces rotor service cycle times by 78 percent, and as a result, increases total process uptime by 18 percent during a typical 8-hour operating shift. The valve further grants:

- Accurate rotor re-alignment during re-assembly, thus eliminating axial shaft movement, bearing wear and seal leakage, and thereby premature uneven rotor vane wear.
- The elimination of excess pressure loss through the system, ensuring cost-efficient material management and reducing process energy consumption.
- An optimal inlet/outlet seal achieved using the standard ACS 8-vane rotor design.
- Pressure differentials up to 15 PSIG.
- A temperature tolerance up to 500 degrees F.
- Sizes from 6" to 16".
- Rotor configurations that include closed end, metering, shallow pocket, Teflon® coated and adjustable tip (which is available in stainless steel, hardened steel or bronze).
- Selection from either hard chrome or Teflon® interior surface coatings.

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