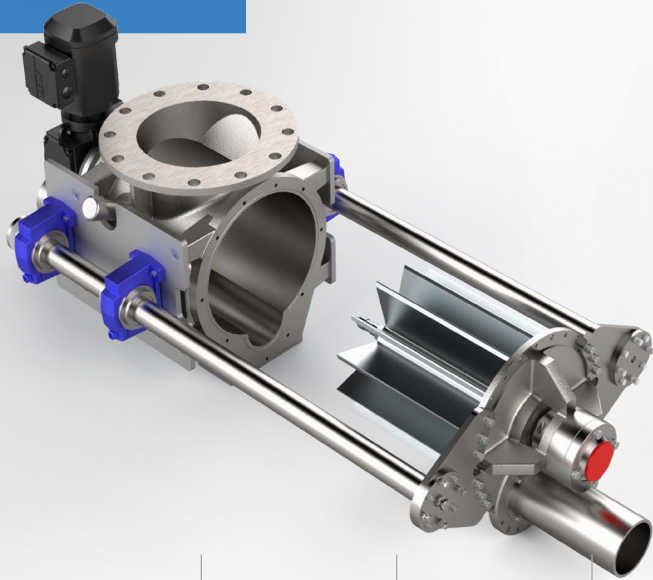


BT Series with Quick-Clean RotorRail™

Rotary Valve for Metering and Airlock Applications

The BT Series with Quick-Clean RotorRail ensures optimal bulk density and throughput of hard-to-convey material with simplified tool-less cleaning. A return-side vent vents leaked air, maximizing air flow through the rotor, improving material flow.



SECTOR INDUSTRIES:



Plastics



Pet Food



Construction



Food



Pharmaceutical
and Cosmetics



Chemical

FEATURES

- Tool-less, single-step access to rotor and internal surfaces; simplifying cleaning, validation, and inspection.
- RotorRail™ feature maintains rotor and endplate alignment during dis-assembly; ensures fast and accurate rotor and endplate re-alignment during re-assembly.
- 12-vane rotary valve and return-side vent port design significantly reduce air leakage and ensure optimal bulk density and material feed efficiency of hard-to-convey materials.
- Steep-angled inlet flange aids material infeed; improves material flow performance.
- Available in 2 heights, 16.14”H and 18.50”H; and 2 flange diameters, 8” to 10”.
- Valve housing cast in North America; ensures superior strength and solidification of housing’s metallurgy.
- CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles.
- Outboard bearing design protects bearings in high-temperature and high-PSIG applications; removes bearings from direct path of damaging contaminants.
- Easily manages pressure differentials up to 20 PSIG.
- Excellent performance in high-temperature applications up to 500°F.

SPECIFICATIONS:

INLET/OUTLET
FLANGE SIZES:

2 sizes, 8” and 10”

MATERIAL OF
CONSTRUCTION:

Cast Iron,
Stainless Steel

PRESSURE
DIFFERENTIAL:

Up to 10 PSIG

HIGH TEMPERATURE
RANGE:

500°F