



Valves

Handling the world's dry bulk solids®



VORTEX® AGGREGATE DIVERTER™

The Vortex® Aggregate Diverter™ is designed to meet the demanding applications associated with handling material such as sand, gravel, whole grains, and coal. This diverter has been engineered to address the problems associated with typical aggregate or “bucket” diverters. The removable access door and abrasion resistant wear liners allow for a “maintenance friendly” diverter.

Vortex® Seal Tite™ Diverter Features

- Low Cost Operation
- Long Service Life
- Seals and Body Protected from Abrasion
- Access Door for Internal Inspection or Cleaning
- Easy Installation and Maintenance



Valve Specifications

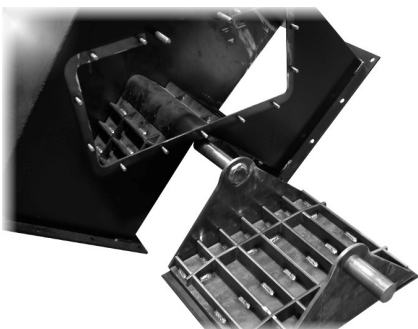
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|----------------------------|--|
| Size/Bore Options | 100mm to 1000mm Diameter, Square, or Rectangular |
| Media | Powder, Pellets, Granulars |
| Connection Options | Compression Coupling, ANSI, DIN, JIS, Custom Flanges |
| Media Temperature | Modifications are made allowing up to 200°C continuous to 230° C intermittent service. |
| Media Pressure | 0 MPa, Gravity Flow Only |
| Metal Construction Options | 304 or 316L Stainless Steel, Aluminum, and/or Carbon Steel |
| Seal/Seat Material Options | Nylon, PET, UHMW, Glass Filled Teflon, Rubber, Kryptane, and/or Silicon |
| Drive/Actuation Options | Double Acting Air Cylinder with Solenoid Operated Air Control Valve, Electric Actuator, or Hand Lever. |
| Position Detection | Magnetic Reed Switch or Proximity Switch |
| Compliance/Approvals | CE |
| Industry Use | Plastics, Petrochemicals, Chemicals, Minerals, Textiles, Agriculture |



Application Specific Modifications

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|---------|---|
| 45 / 30 | The angle the outlets are offset (45 or 30) degrees, |
| MG | Air cylinder has a magnetic ring which activates a magnetic reed position indicating switch. |
| HT4 | Modifications are made allowing 200°C continuous to 230° C intermittent service. |
| DP | Carbon steel special service inlet with built-in dead pocket deflector. |
| PL | Replaceable abrasion resistant polymer liner on bucket legs. |
| HL | AR400 carbon steel honeycomb liner on bucket legs. |
| HB | AR 400 carbon steel honeycomb liner on bucket. |
| RT | Round transitions with Vortex Standard flange patterns are mounted to the inlet and two outlets of the valve. |
| RTP | Round transitions with ANSI, DIN, or JIS flange patterns are mounted to the inlet and two outlets of the valve. |

Abrasive Duty Diverter Options



Removable Door and Wear Liner



45° or 30° Outlets



Straight Line Configuration

For more information, please visit our website at www.vortexvalveseurope.com