



Valves

Handling the world's dry bulk solids®



VORTEX® IRIS VALVE

The patent pending Vortex® Iris Valve is designed specifically to handle dry bulk solids in gravity discharge of free-flowing material from bins, bulk bags, chutes, and hoppers. Traditional iris valves rely on plastic components to actuate the valve that can easily break during use. The Vortex® Iris Valve is designed with stainless steel control rings and metal trigger locks and handles to eliminate these problems, enabling you to meet your objectives by increasing production, while decreasing labor and equipment costs.

Vortex® Iris Valve Features

- Low Cost Operation
- No Binding
- Ideal for Bulk Bag Unloading Stations
- Prevents Material Degradation
- Easy Installation and Maintenance

Valve Specifications

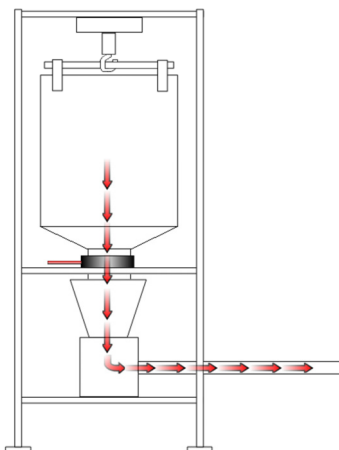
Size/Bore Options	50mm, 75mm, 100mm, 125mm, 150mm, Diameters
Media	Powder, Pellets, Granulars
Connection Options	Flanged, Tube Stub, or Ferrule Couplings
Media Temperature	100°C continuous to 120° C intermittent service.
Media Pressure	0.1 MPa, Gravity Only
Metal Construction Options	304 or 316L Stainless Steel, and/or Aluminum
Sleeve Material Options	Nylon, Teflon, Urethane, or Rubber
Drive/Actuation Options	Infinite Position Hand Lever or Quick Lock Hand Lever
Position Detection	Visual
Compliance/Approvals	CE, FDA
Industry Use	Plastics, Petrochemicals, Chemicals, Foods, Minerals, Textiles, Agriculture



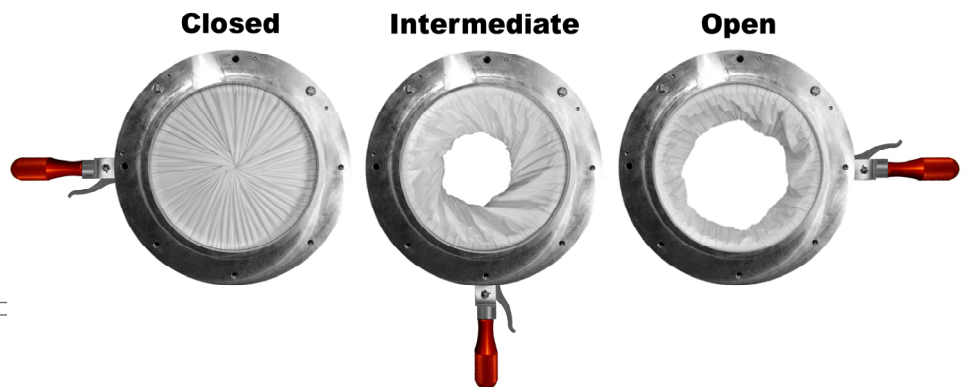
Application Specific Modifications

SC	All stainless steel material contact components are 304 alloy.
S-SC	All stainless steel material contact components are 316L alloy.
UR	Sleeve is a 4 oz. nylon that is urethane coated.
BN	Sleeve is a 4 oz. nylon that is Buna "N" rubber coated.
TF	Sleeve is an 8 oz. teflon material.
FP	Optional bolt-hole pattern is specified.

Additional Iris Valve Information



Bulk Bag Unloading Station



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