



Valves

Handling the world's dry bulk solids®

VORTEX® MAINTENANCE GATE™

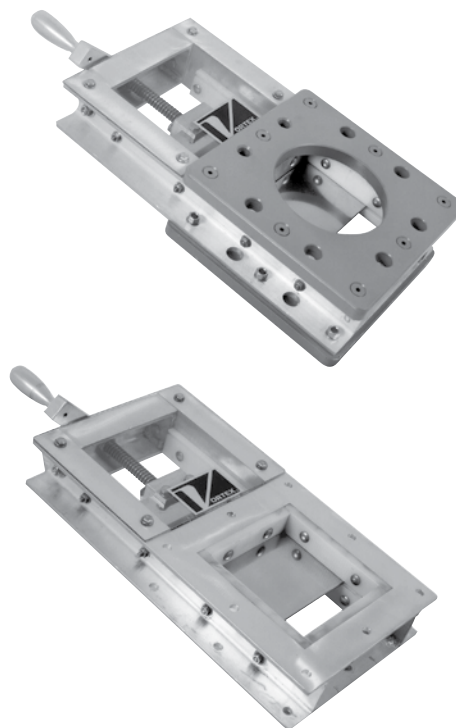
The Vortex® Maintenance Gate™ offers quality features at an economical price. This gate is the best choice when material needs to be positively isolated in a hopper or silo, while maintenance is being performed on equipment below. In the open position, the Vortex® Maintenance Gate™ positively seals conveying air to atmosphere. Available in a wide variety of configurations, including round inlet/outlet transitions, the Maintenance Gate™ is the best insurance policy against equipment failure.

Vortex® Maintenance Gate™ Features

- Self-Cleaning Action on Closure, No Material Build-Up
- Positive Seal Across the Valve to Atmosphere
- Live-Loaded, Wear Compensating Seals
- Narrow Profile
- Easy Installation and Maintenance



Valve Specifications	
Size/Bore Options	6" to 18" Round or Square
Media	Powder, Pellets, Granulars
Connection Options	SVC Flange, ANSI, DIN, JIS, or Custom Flanges
Media Temperature	Up to 180°F continuous to 250°F intermittent service, Modifications allow up to 400°F continuous to 450°F intermittent service
Media Pressure	Up to 15 psig, -0.1 MPa +0.1 MPa, 1 barg depending on size
Metal Construction Options	304 or 316L Stainless Steel, Aluminium, and/or Carbon Steel
Seal/Seat Material Options	Nylon, PET, UHMW, Glass Filled Teflon, Natural Rubber, and/or Silicon Rubber
Drive/Actuation Options	Hand Crank
Position Confirmation	Visual Indication, Proximity Switch
Compliance/Approvals	CE, ATEX, FDA
Industry Use	Plastics, Petrochemicals, Chemicals, Foods, Minerals, Textiles, Agriculture



Application Specific Modifications

S	Material contact is 316L stainless steel (MSC only).
SC	Slide blade and gate liner are made of 304 stainless steel (MRC models only).
S-SC	Slide blade and gate liner are made of 316L stainless steel (MRC models only).
HT4	Modifications are made allowing 400°F continuous to 450°F intermittent service.
WS	Slide blade is electro-polished. Polyethylene Terephthalate (PET) seals are used to replace nylon.