

HANDSLIDE ORIFICE GATE



The Vortex Hand Slide Orifice Gate is designed specifically to handle dry bulk solids in gravity flow conveying. A full flow orifice provides unrestricted conveying of material with no disk or ledges to impede flow or cause material bridging. The gate seat and live-loaded seals are protected from material flow by a metal insert. By design, the valve “self cleans” material from the seat on each stroke of the valve blade improving overall seat life.

☒ **GRAVITY FLOW**

☐ **DILUTE PHASE PNEUMATIC CONVEYING** (Pressure or Vacuum)

☐ **DENSE PHASE PNEUMATIC CONVEYING**

FEATURES



Handles powders, granules and pellets



Mechanically self cleans on opening stroke



Wear compensating hard polymer seals



Unobstructed opening



Seals protected from blast abrasion



Narrow profile



Material construction options available



Standard sizes: 2" - 16"
Contact us for custom sizes



DOUBLE HANDLE



SINGLE HANDLE

OPTIONS



Optional locking pin secures the blade in either the open or closed position



Shim removal for seal adjustment while valve is in-line

DETAILS

For a complete list of specifications, modifications, dimensional drawings and measurements, visit WWW.VORTEXVALVES.COM



6" (152mm) Hand Slide Orifice Gate as isolation valve above a flexible screw conveyor

APPLICATIONS