









# 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 provide 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

OPTIONS



DOUBLE HANDLE



SINGLE HANDLE

DETAILS



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



Shim removal for seal adjustment while valve is in-line

APPLICATIONS

For a complete list of specifications, modifications, dimensional drawings and measurements, visit [WWW.VORTEXVALVES.COM](http://WWW.VORTEXVALVES.COM)



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