

HDPV2

Designed to address higher-pressure applications up to 75 psig (5barg) depending on size, the Vortex HDPV2 sets itself apart from traditional industry slide gates. The rising blade design provides positive material shut-off by means of an O-ring seal on the inlet of the valve. This design feature eliminates the issues related to packing or material causing abrasion to the end seal.

✓ **GRAVITY FLOW**

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

✓ **DENSE PHASE PNEUMATIC CONVEYING**

FEATURES



Designed to handle abrasive and sticky materials



Seals fine material in higher aeration or pressure applications



Patented rising blade action ensures optimal seal



Seals protected from blast abrasion



Serviceable while in-line



Does not pack material up closure



Material construction options available



Standard sizes: 4" - 16"
Contact us for custom sizes

OPTIONS



STANDARD



SSi

DETAILS



The silicone blade seal is recessed to protect it from material flow and to reduce wear



The air purge is used to pressurize the bonnet and keep material in the flow stream



Lifting lugs and inserts provide a positive seal and prevent metal-on-metal contact

APPLICATIONS



16" (406mm) HDP above airlock handling calcium oxide



10" (254mm) HDP in-line handling fly ash



12" (305mm) HDP above and below a pressure pot handling PRB coal and wood chips

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