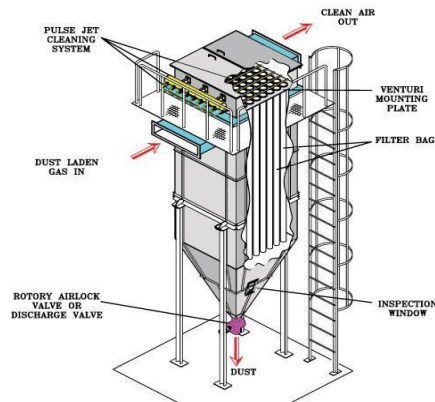


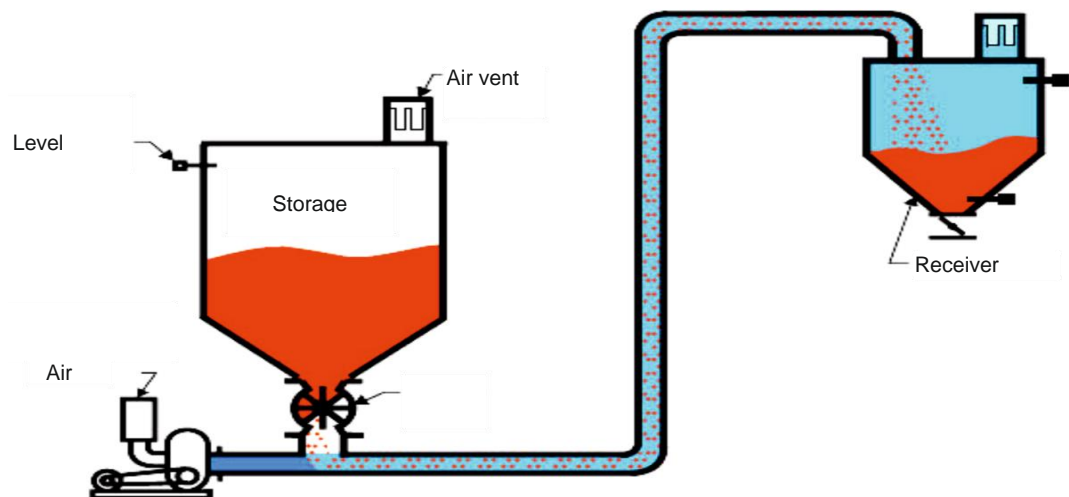
ROTARY AIR LOCK VALVE



ORION ENGINEERING providing equipment Airlock Valves. Designed in conformation with international quality standards these are highly renowned for operational fluency, negligible maintenance and longer service life. With the assistance of our advanced & high productive machinery and experienced professionals, we are able to produce our range in line with international standards. These are accessible in various sizes and secluded plans, these are anything but difficult to keep up and can be effortlessly introduced.

- Rotary Valve** : 100 NB up to 600 NB
MOC : Cast iron, M.S., Stainless Steel (SS)
Power : 0.5 HP up to 5 HP

PNEUMATIC CONVEYING SYSTEM



APPLICATION

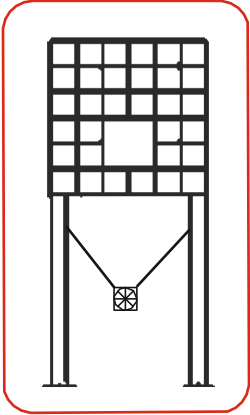
- Lean Phase Pneumatic Conveying System is preferred mode of conveyance the material in various industries such as, Pharmaceuticals, Chemical Industries for Powder Transfer , Paper Industries, Textiles - Boiler Feed Operations, Cement industry, Aluminum plants, Chemicals and fertilizers, Plastic processing industry & Material Conveying Systems.

TECHNICAL SPECIFICATIONS & DESIGN

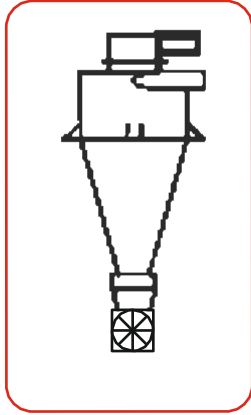
- These Pneumatic Conveying Systems are designed, fabricated, installed and serviced by us on the data submitted to us by the customers. The rate of transfer of material helps decide the size of the Power source, Filter and Cyclone If portability is required then a trolley is provided.

VARIOUS APPLICATION OF ROTARY VALVE

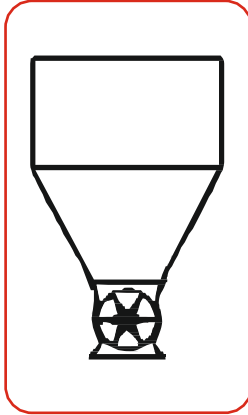
DUST COLLECTOR



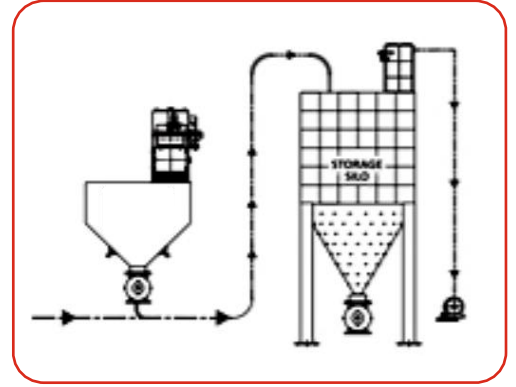
CYCLONE



STORAGE HOPPER



PNEUMATIC CONVEYING SYSTEMS

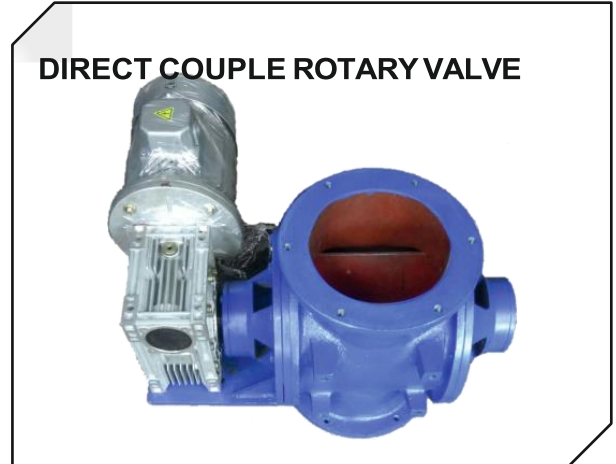


TYPES OF ROTARY VALVE

CHAIN DRIVE ROTARY VALVE



DIRECT COUPLE ROTARY VALVE

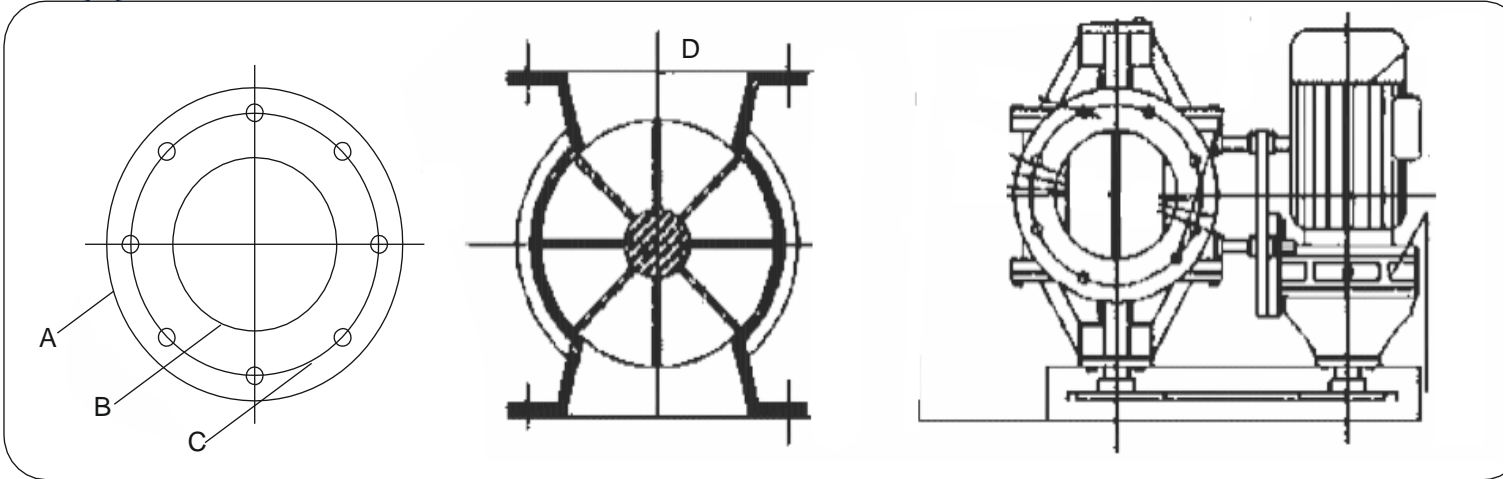


SS ROTARY VALVE



BLOW THROUGH ROTARY VALVE





| MODEL | FLANGE OD | FLANGE ID | PCD | No. H/D | POWER |
|-------------------|-----------|--------------|--------|------------|--------|
| PRV-150 (ROUND) | 210 MM | 150 MM | 180 MM | 6 / ½" BSW | 0.5 HP |
| PRV-150 (SQUARE) | 280 MM | 150 X 150 MM | 240 MM | 8 / ½" BSW | 0.5 HP |
| PRV-200 (ROUND) | 280 MM | 200 MM | 250 MM | 8 / M12 | 1 HP |
| PRV-200 (SQUARE) | 320 MM | 200 X 200 MM | 298 MM | 8 / 14 MM | 1 HP |
| PRV-250 (ROUND) | 380 MM | 250 MM | 340 MM | 8 / 14 MM | 2 HP |
| PRV-250 (SQUARE) | 420 MM | 250 X 250 MM | 365 MM | 8 / 16 MM | 2 HP |
| PRV-300 (ROUND) | 430 MM | 300 MM | 350 MM | 8 / 16 MM | 3 HP |
| PRV-300 (SQUARE) | 480 MM | 300 X 300 MM | 420 MM | 8 / 16 MM | 3 HP |

Pneumatic Gate Valve, Manual Gate Valve & Dual Tunnel Diverter Valve

KNIEF GATE VALVE PNEUMATIC GATE VALVE MANUAL GATE VALVE DUALTUNNELDIVERTER



We are manufacturing Knife Edge Gate Valves in various MOC and sizes. The valves are regularly used for applications to handle, pulp in pulp mill, slurries, powder such as coal, ash, dry and wet powder in power houses, pneumatic conveying systems, dust collecting systems and material handling Equipment's.

- MOC** : Cast Iron , Mild Steel, Stainless Steel Grade - 304 & 316
Sizes : 100 NB upto 600 NB

Conveying System , Storage System, Storage Hopper, Silos Material Handling System, Paper Pulp, Chemical Plants, Textiles Mills, Sugar Mills, ETP Treatment Plant, Sewage Treatment Plant.

The dual tunnel Diverter valve PDV is designed to divert / combine from One / Two sources to Two / One destinations in dilute or dense phase pneumatic Transport of solids in powder or Granular form.

Standard design features :

Plug with two separate channels & Diverting angle 35°

Change of position without stopping Gas stream. In special cases, the change over could be done. During solids transport.

Powerful pneumatic actuator connected to plug by means of lever.

Quick cleaning by simple removal of non drive side cover and withdrawal of drive/diverter block connecting pin. Designed for max. system pressure of 4.0 bar(g).

Available sizes from **50 NB** to **150 NB**. **Material of Construction :**

Housing in Aluminum-casting with/without inserted SS Pipes. Side covers made of Aluminum-casting.

Plug in Aluminum - casting with/without inserted SS pipes. Sealing with PTFE or SILICON gasket for better result.

We would appreciate your valuable enquiries related to our products suitable for your application. We assure to provide our best service as always in order to maintain a long term relationship. For any details about our products range please visit us at www.orionengineering.in