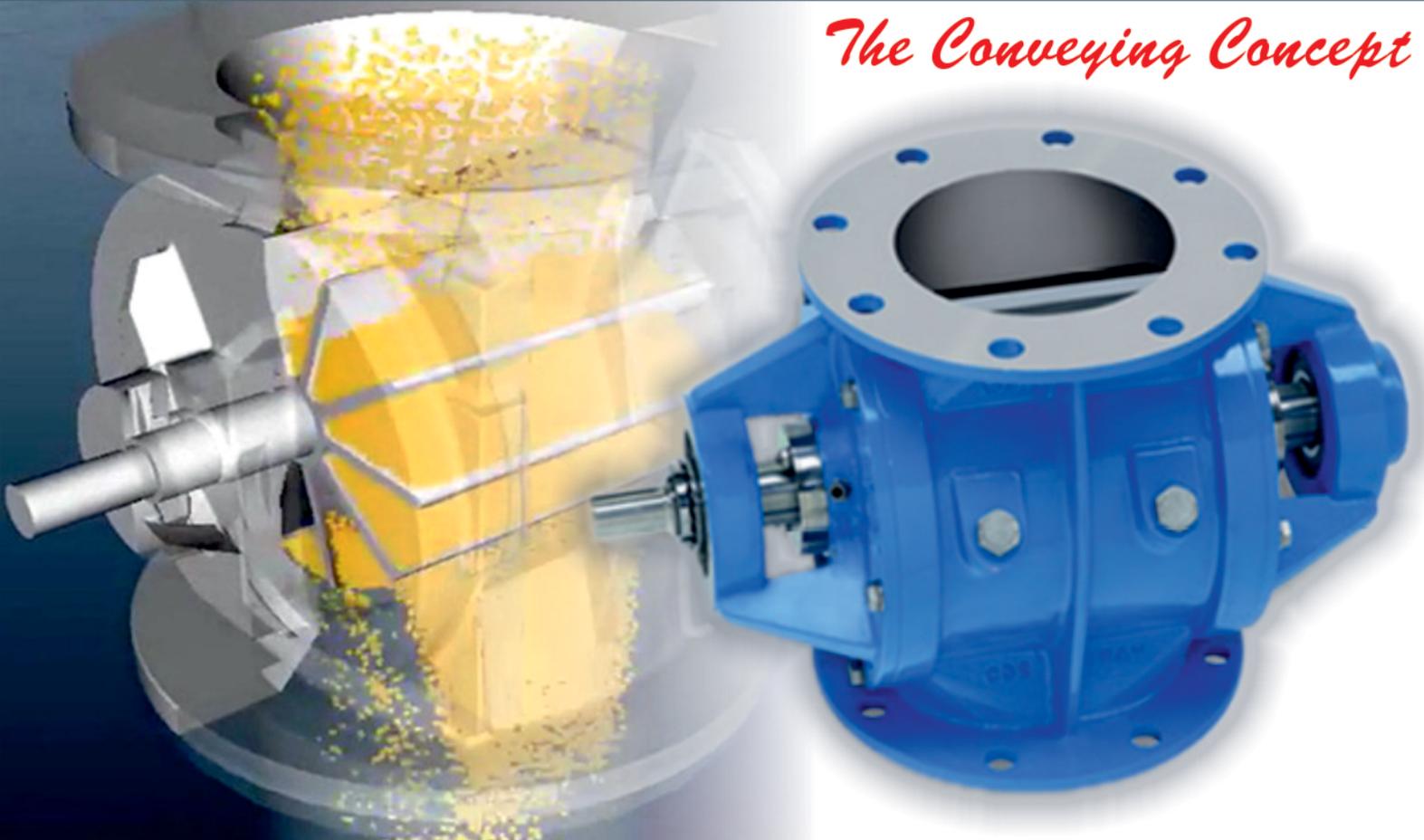




SHREE TECHNO ENGINEERS

ROTARY AIR LOCK VALVE

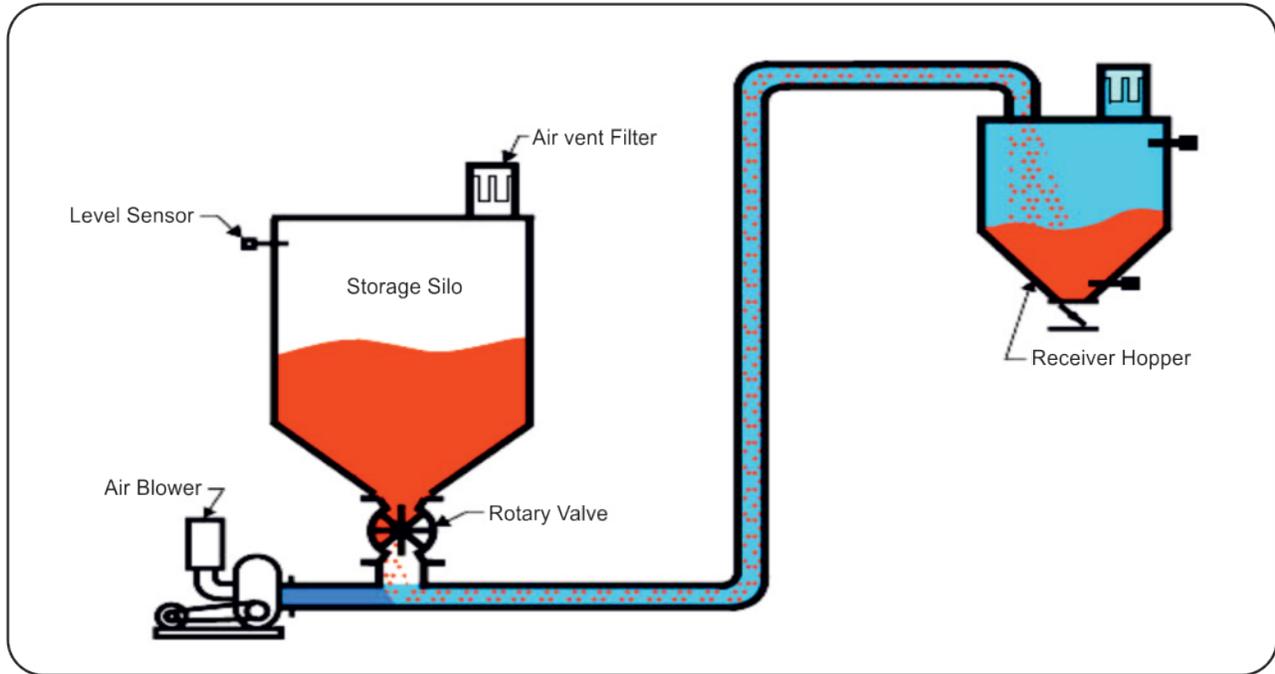
The Conveying Concept



- ROTARY VALVE
- ROTARY FEEDER
- DIVERTER VALVE
- PNEUMATIC GATE VALVE
- PNEUMATIC CONVEYING SYSTEM

www.pyramidpump.com
www.conveyingtechno.in

PNEUMATIC CONVEYING SYSTEM



APPLICATION :

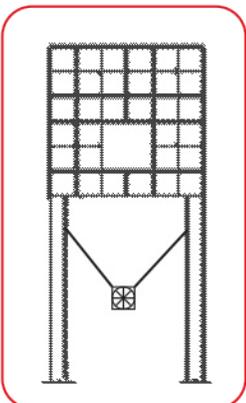
Lean Phase Pneumatic Conveying System is preferred mode of conveyance the material in various industries such as, Pharmaceuticals, Chemical Industries for Powder Transfer , Paper Industries, Textiles - Boiler Feed Operations, Cement industry, Aluminum plants, Chemicals and fertilizers, Plastic processing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

TECHNICAL SPECIFICATIONS & DESIGN :

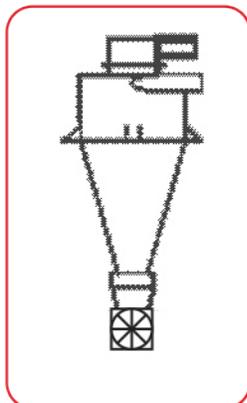
These Pneumatic Conveying Systems are designed, fabricated, installed and serviced by us on the data submitted to us by the customers. The rate of transfer of material helps decide the size of the Power source, Filter and Cyclone If portability is required then a trolley is provided.

VARIOUS APPLICATION OF ROTARY VALVE

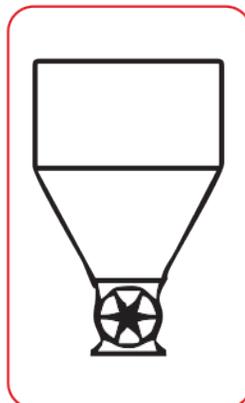
DUST COLLECTOR



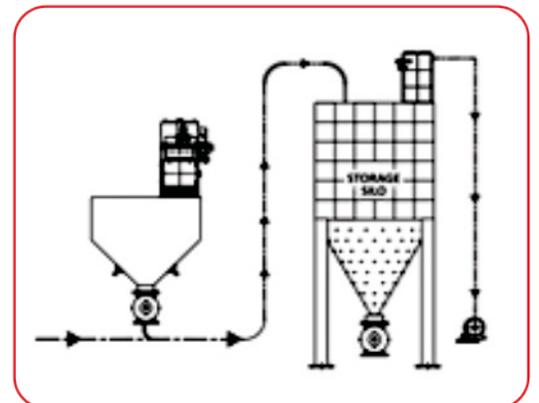
CYCLONE



STORAGE HOPPER



PNEUMATIC CONVEYING SYSTEMS



TYPES OF ROTARY VALVE

CHAIN DRIVE RAV



DIRECT COUPLE RAV



BLOW THROUGH RAV



PRV SERIES



S.S RAV



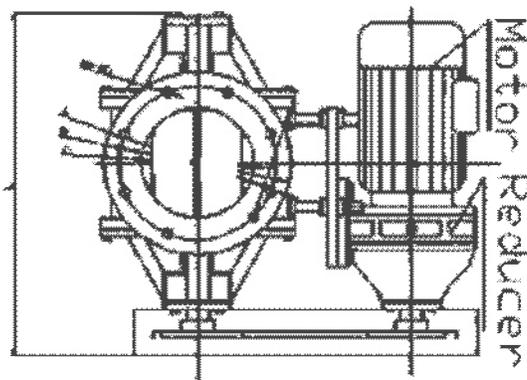
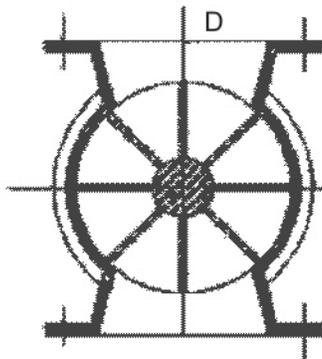
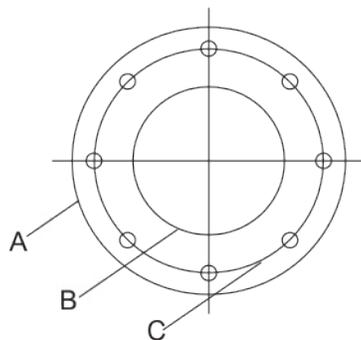
FABRICATED RAV



SS 316 RAV



DIRECT COUPLE DRIVE RAV



MODEL	FLANGE OD	INLET/OUTLET	PCD	No. Of Hole/Dia	Power (HP)
PRV 100 (SQ.)	200 X 200 MM	100 X 100 MM	150 MM	04 / \varnothing 14 MM	0.5 HP
PRV 150 (SQ.)	265 X 265 MM	265 X 265 MM	245 MM	06 / \varnothing 14 MM	0.5 HP
PRV 150 (RO.)	220 MM	150 NB	200 MM	06 / \varnothing 14 MM	0.5 HP
PRV 200 (RO.)	300 MM	200 NB	260 MM	06 / \varnothing 14 MM	1 HP
PRV 200 (SQ.)	300 X 300 MM	200 X 200 MM	280 MM	06 / \varnothing 14 MM	1 HP
PRV 250 (SQ.)	380 X 380 MM	250 X 250 MM	365 MM	08 / \varnothing 18 MM	1.5 HP
PRV 300 (SQ.)	425 X 425 MM	300 X 300 MM	420 MM	08 / \varnothing 18 MM	2 HP
PRV 350 (SQ.)	490 X 490 MM	350 X 350 MM	480 MM	08 / \varnothing 22 MM	2 HP
PRV 400 (SQ.)	530 X 530 MM	400 X 400 MM	520 MM	08 / \varnothing 22 MM	2 HP
PRV 450H (SQ.)	630 X 630 MM	450 X 450 MM	590 MM	08 / \varnothing 22 MM	3 HP



KNIEF GATE VALVE



PNEUMATIC GATE VALVE



MANUAL GATE VALVE

Pneumatic Gate Valve & Manual Gate Valve :

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 Equipments.

MOC : Cast Iron , Mild Steel, Stainless Steel Grade - 304 & 316

Sizes : 100 NB upto 600 NB

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

DUAL TUNNEL DIVERTER VALVE

Application :

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.



SHREE TECHNO ENGINEERS

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