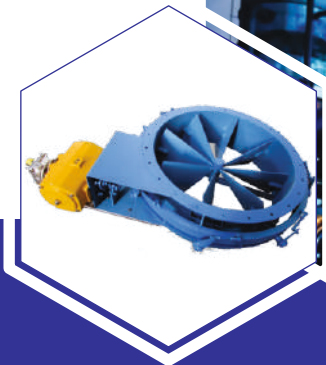




# ROTO TECH SYSTEMS

A Source and Solution for all your Bulk Material Conveying Systems



## Roto Tech Systems

📍 # 24 8th A Cross, Balaji Nagar, Thigaralapalya Main Road, Peenya 2nd Stage, Bengaluru - 560 058.

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## Introduction:

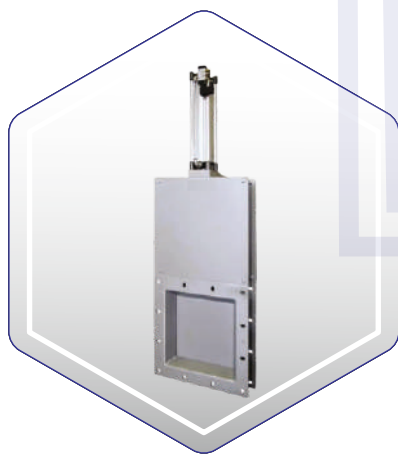
Rototech Systems – We are an Expertise in Design, Manufacturing and Supply of Material Conveying products for Industries like Steel, Cement, Sugar, Pharmaceutical, Food and Chemical Industries. Rototech- An Entrepreneurship firm with Expert Engineers having deep Knowledge and decade of Experience in Design, Engineering, Service and Production of Bulk Material Handling Products.

## The Products Overview:

- 1) Rotary Airlock Valves/Rotary Airlock Feeders   2) Slide Gate Valves   3) Knife Edge Gate Valves   4) Dome Valves  
5) Double Flap Airlock Valves and Double Dump Valves   6) Dampers   7) Rack and Pinion Gates  
8) Rod Gates   9) Two Way and Three-Way Diverter Valves

### Rotary Airlock Valves:

- The Main function of Rotary Airlock Valves is to control the flow of Powder, Bulk materials from one Chamber to another Chamber while maintaining airlock condition.
- Rotary airlock valves are used in Dust collection Systems, Bag Filters, Cyclones and Pneumatic Conveying Systems to achieve good efficiency of Systems with efficient airlock.
- The Valves are also used Airlock Feeders for Boilers for feeding and metering of Coal, Bagasse, and AFR.
- The RAV's available in sizes ranging from 6" (150 mm) to 25" (600 mm) and Material of Construction will be as per customer requirements.
- Body: M.S, Cast Iron, Cast Steel (WCB) and Stainless Steel.
- Rotor: M.S, Cast Iron, Cast Steel (WCB) and Stainless Steel.



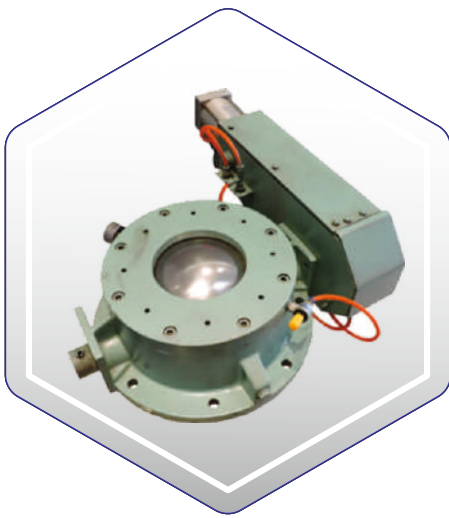
### Slide Gate Valve:

- Slide Gates are used for isolation and Control of Bulk Materials from Silos.
- These are operated by Manual Hand Wheel, Electric Actuators, Pneumatic Cylinders.

### Knife Edge Gate Valves:

- We manufacture Knife Edge Gate valves which used in Isolation and control of flow of Water, Fluids, Powders, Chemicals, Slurry, Pulp and Paper applications.
- Range: 2" to 12"
- Type: Uni directional
- Seat: Metal and EPDM
- Body: Cast Iron, CF8, CF8M
- Standards: MSS SP 81, ANSI Class 150
- End Style: Wafer Lugged
- Operation: Hand Wheel, Motorized, Pneumatic Cylinder



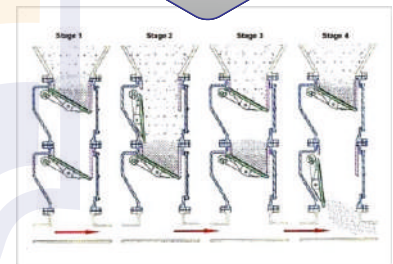


### ***Dome Valves:***

- Dome Valves are used in Pneumatic Conveying Applications for Conveying of Solids, powder materials from one chamber to another chamber. These valves are air leak proof and operated by Pneumatic Rotary and Linear Actuators. We offer Dome Valves Size Range from DN 50 NB to DN 300 NB and Material of Construction varies based on the Application.
- Material of Construction:
- Casing: Cast Iron, Cast Steel
- Seal: Inflatable Silicone Seal

### ***Double Flap Airlock Valves:***

- Rototech offers Double flap Airlock Valves for various Industrial Applications like dust ESP, Dust Extraction Systems, Bag Filters, and Pneumatic Conveying Systems.
- Double flap airlock valves used for discharging dust, powder and granules from Cyclones, Filters and Hoppers to maintain a positive air sealing.
- The Valves consist of two flaps with Counterweights in two stages which are operated by motorized operated Cam. The Cam alternatively opens the Flaps one after the other enabling the powder to pass through two stages by ensuring positive air seal.



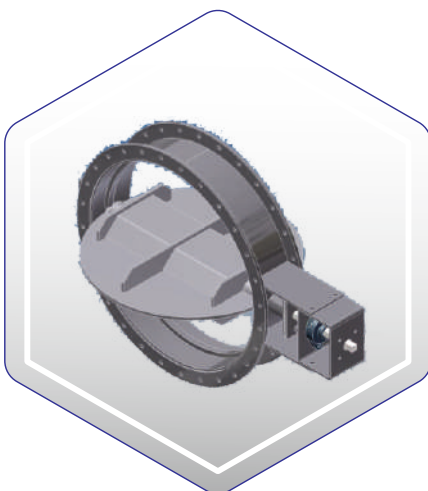
***Working process of DFV***

### ***Dampers :***

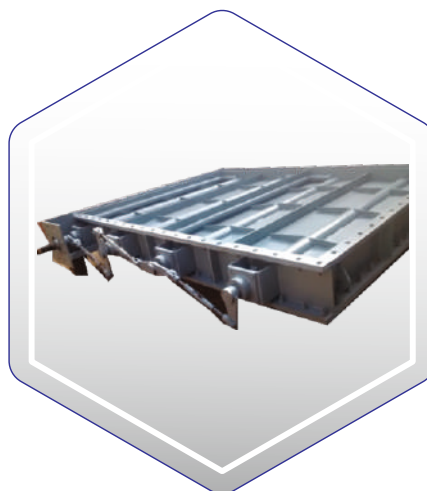
- We at Rototech offers wide Range of Dampers used in process industries for Regulating or Shut off of flow of Gases in the Pipeline. We design and manufacture all types of process dampers used in steel, power and cement industries. We have supplied several types of dampers varying from high temperature steel duty dampers, Large sized butterfly & louver dampers etc., We can offer manual (chain or hand wheel) dampers, electrically operated dampers that has linear or rotary actuators, pneumatic actuators.

### ***Types of Dampers :***

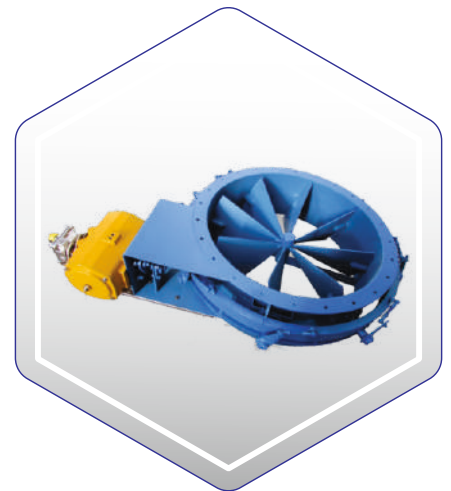
- a) Butterfly Dampers      b) Multi Louver Dampers      c) Guillotine Dampers      d) Inlet Vane Dampers



***Butterfly Damper***



***Multi Louver Dampers***



***Multi Vane Damper***





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