

Cone Valve

The RULA Cone Valves are designed to provide a single solution to both the filling and discharge of material into and out of Pressure Vessels.

The Cone Valve is most suited for filling and discharge where the gravity flow of fine product minerals takes place at a relatively low speed.

Types Manufactured

RULA manufactures two different types of Cone Valves:

- Filling Valve (Pressure Vessel Filling)
- Discharge Valve (Pressure Vessel Discharge)

Design Features

- Totally enclosed solid seal arrangement
- Seal is protected and out of the material flow stream
- Relatively simple, robust and cost effective design compared to other similar valves with minimal movable parts
- Downstream pressure assists in closing the valve seal

Specifications

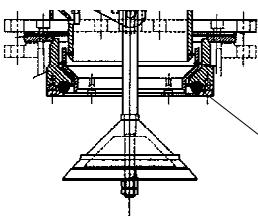
Bodies	Mild or Stainless Steel
Cone	EN 8 or Stainless Steel
Seal	Nitrile, Viton and silicone (Temperature range up to 200°C)

Sizes

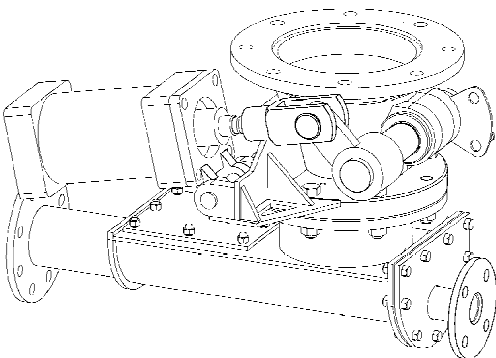
- Valves are purpose made in any size and shape to fit plant requirements
- Drilling arrangement to suit plant interface

Operating & Maintenance

- The valves are Operator and Maintenance friendly
- A complete Operating & Maintenance manual is available



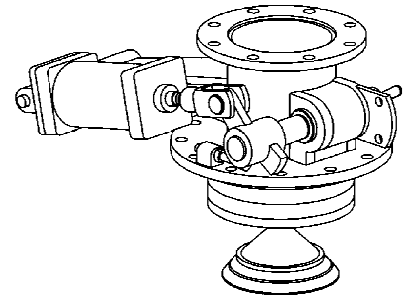
Seal is protected and out of material flow



← Cone Discharge Valve

Pressure Vessel filling arrangement: Knife Gate, Compensator with Cone Valve →

Typical Cone Filling Valve ▼



Cone Filling Valve on cement batching plant ▼



→ Cone Filling Valve

