

EXCESS FLOW CHECK VALVE

Flanged type



Sandwich type



Screwed type



No Flow type

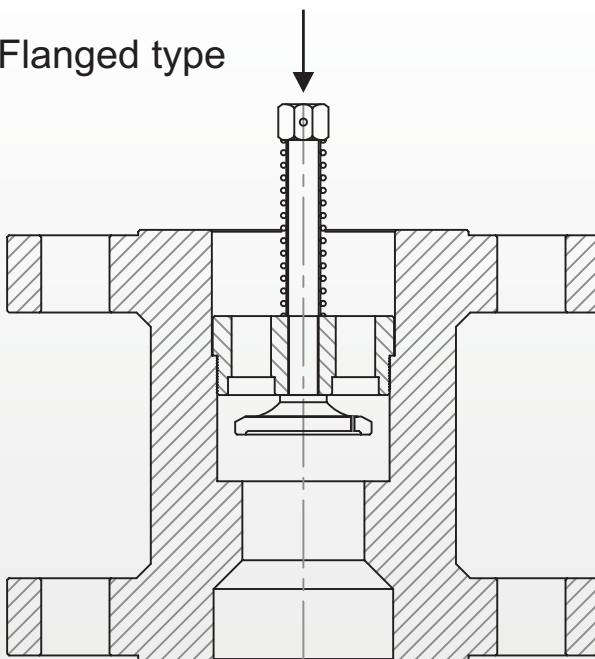


Precision in fluid flow control

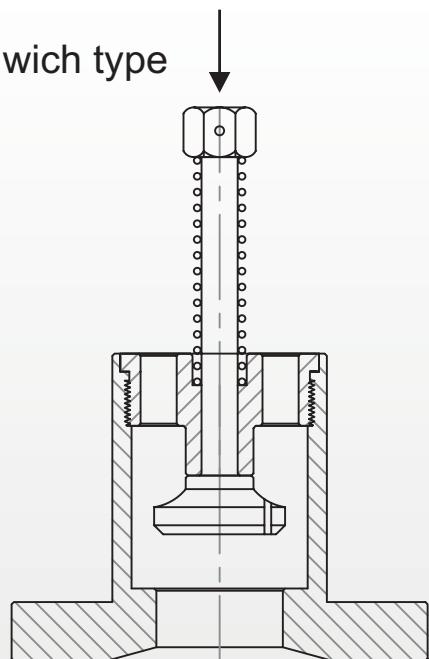
CHANDRA
Engg. & Mech. Pvt. Ltd.

EXCESS FLOW CHECK VALVE

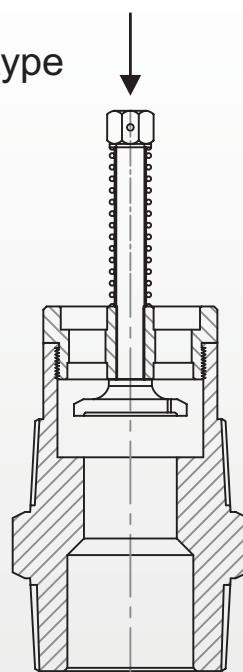
Flanged type



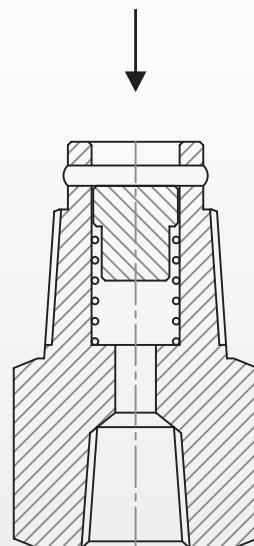
Sandwich type



Screwed type



No Flow type



EXCESS FLOW CHECK VALVE

Excess flow check valve is installed as an emergency shut off valve to achieve safe control over fluid flow parameters of flow and differential pressure.

Product Features:

- Available in multiple configurations of screwed end, flanged end, sandwich type and no flow type for instrumentation nozzle.
- Available size range: $\frac{1}{2}$ " NPT to 4" NPT in screwed type, $\frac{1}{4}$ " NB to 36"NB in flanged type, $\frac{1}{2}$ " NB to 16" NB in sandwich type and NB to 2" NB size in no flow type.
- Primarily used in pressure vessels, pipelines, chemical plants, ship-shore line/cross country pipelines, bottling plants, loading arms, discharge lines of pump, petrochemical units and other applications.
- Applications in LPG, Propane, Ammonia, Ethylene Oxide, MMA/DMA/TMA, Chlorine, Propylene Oxide, Nitrogen, Oxygen and other compressed fluids.
- Safety device for auto shut off triggered by conditions of fluid flow and differential pressure across the valve.
- Available in various material of construction to suit fluid applications ASTM A216 WCB/ASTM A105/ASTMA350 LF2/stainless steel 304/316/316L and Monell to list a few.
- Designed as per international standards such as BSEN - 13175, Static and Mobile Pressure Vessel Rules (Unfired) 1981 and relevant safety codes and standards.
- Approved by the Chief Controller of Explosives, Nagpur (Government of India). Inspected/Certified by agencies of global repute, like EIL, RDSO, SGS, ABS & BV, etc.
- Manufactured and supplied around to 1,50,000 excess flow check valves in India and around the globe for a variety of applications in our 30 years experience in this field.

Technical Notes:

- 1) The excess flow valve permits the flow of vapour or liquid in either directions. The flow is controlled only in one direction.
- 2) If the flow through the valve exceeds the predetermined value, the valve will shut off flow to ensure safety of the circuit.
- 3) The design of the excess flow check valve is made to suit client's requirements of flow based on process parameters of flow and pressure.
- 4) The excess flow check valve is designed for normal flow rate, peak operating flow rate and closing flow rate.
- 5) The closing flow rate is 20-25% higher than the peak operating flow rate. The normal operating flow rate is lower than or equal to peak operating flow rate.
- 6) Testing of excess flow valve is done using water as test medium following International codes & standards.

Projects:



Client List:



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