Goggle Valves Type 2
Double Plate Design
Design Features of Goggle Valves Type 2:

- Valve approved to “Man-safe” standards (goggle valve - openwork structure).
- The design provides 100% shut-off of media flow.
- Total separation of the gas main in the closed position, thus ensuring no passage of the media from the upstream to the downstream gas main, i.e. “Man-Safe” isolation.
- All movable parts contained within traversing valve plate frame.
- Goggle plate seating/clamping is of mechanical pressure effected by the spring package within the hydraulic rams. Opening/unclamping is effected by hydraulic pressure onto the rams.
- Same valve design for all installation positions, i.e. horizontal, vertical or inclined.
- Dual circuit hydraulic systems available
- Open structure or totally enclosed design
- Venting to atmosphere of totally enclosed type in closed position
- Valve actuation in accordance with customer’s requirements (man./electr./hydr./pneum.)
- Very low maintenance requirement
- Pressure rating up to PN 6
- Operating temperatures up to 400 °C (750 °F)
- Nominal diameters up to 5000 mm (200 inch)
- Other sizes or operating conditions on request
- German and foreign patents pending
Part section through the valve highlighting the spring loaded rams
1) valve closed / 2) valve open

**This Design Guarantees:**

- No jamming of valve plates not even under extreme operating conditions.
- Wear free traverse of the plate through the valve body as the plate rings are retracted to provide a positive clearance.
- Valve tightness provided by axial pressure of the plate ring seats onto the body seats, with the flexible springs providing a self-aligning feature.

**Especially Suitable for Extreme Operating Conditions, Such as:**

- Man-safe shut-off in accordance with safety regulations
- Shut-off of clean and dust-laden gaseous media
- Temperature fluctuations
- Short closing and opening time

**Typical Service Applications of Goggle Valves Type 2:**

- Gas main in any gas plant installation requiring “Man-safe” isolation
产品系列  ·  Product Range

应用于钢铁行业的阀门
Valves for the Iron and Steel Industry

应用于石化及精练行业的阀门
Valves for the Petrochemical and Refining Industries

应用于能源及环保行业的阀门
Valves for the Energy Industry and Environmental Protection

应用于玻璃工业的阀门和设备
Valves and Equipment for the Glass Industry

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