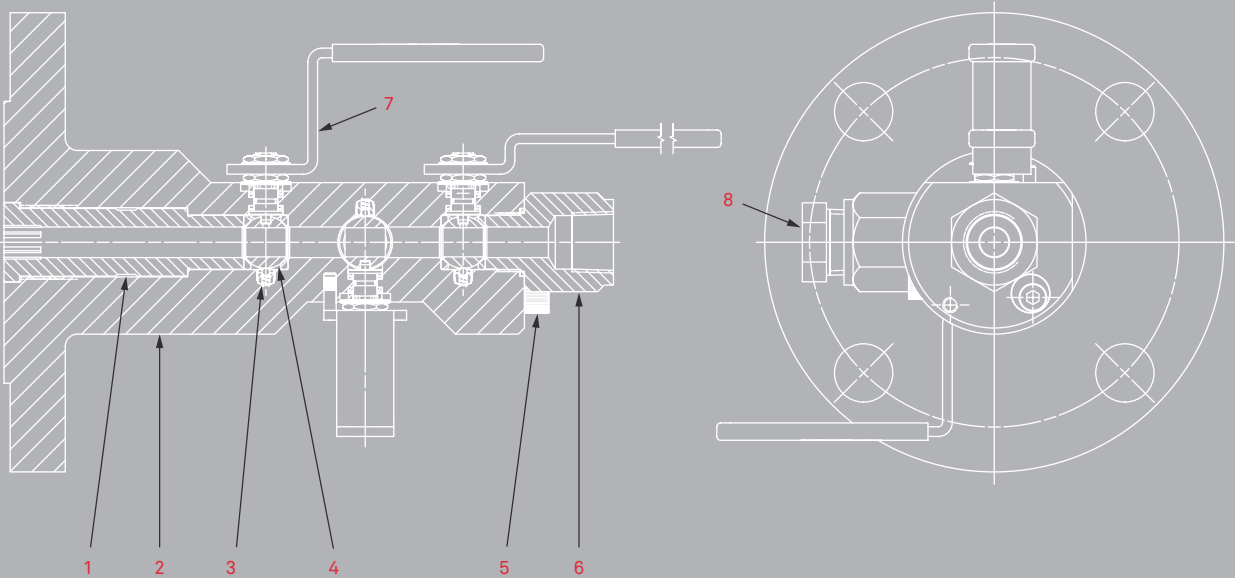


# Y Series Flange x Screw 1 Piece

Technical Spec

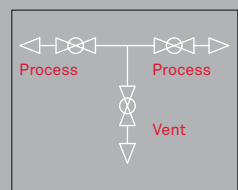
Double block and bleed single flanged valve utilising metal to metal seat and bonnet to body connection for superior, bubble tight sealing capabilities at both extreme pressures and temperatures.

The SVY type valve offers a Ball, Ball, Ball configuration. The unique anti-vibration cam locking device at body bonnet connection is for extra safety. This series offers working pressures of up to ASME class 2500 with a maximum working temperature of 200°C.



Valve Construction

- 1** Valve Body
- 2** Screwed Insert
- 3** Anti Static Device
- 4** Floating Ball Valve
- 5** Locking Cam
- 6** End Connector
- 7** Valve Handle
- 8** Blank Plug



Flow Diagram

Options

Flange/Inlet †	Outlet †	Vented Port Thread †	Vent Port †
Raised Face	NPT	NPT	Plugged
Flat Face	BSPP	BSPP	Unplugged
Ring Type Joint	BSPT	BSPT	Safety Vent Plug

†Other options can be supplied upon request.



**Temp. Range**  
-46°C > 200°C †



**Pressure Rating**  
ASME Class 150 - 2500



**Flange Sizes**  
ASME B16.5 1/2" - 2" †



**Compliance**  
NACE MR - 01 - 75



**Material Traceability**  
Major Components



**Flow Direction**  
Uni-directional



**Servicing Kits**  
Available

† Actual maximum working temperature is dependent on valve service conditions; please contact for more information.

- Pressure responsive multi-ring/piston packing for compression and pressure dynamic sealing
- PEEK body bonnet seal for high pressure and high temperature
- Actuating threads are above packing to prevent contamination by the process medium
- Separate shut off for vent to prevent unwanted loss of process medium
- Any combination of Vent/Outlet sizes and types available on request
- Raised Face and Ring Type Joint connection options available
- Venting Plug available for Vent Port

Design Features

All our Valves are tested thoroughly. We offer a wide range of testing options due to our variety of in-house testing equipment. Standard Hydro-body, Hydro-seat and Gas seat testing is carried out to API 598 and API 6A, with permissible leakage to ISO 5208. However other standards can be adhered to should it be required, including but not limited to PR2, ISO 15848, MESC SPE 77/300 and MESC SPE 77/312. Please speak to our Sales team with regards to your testing requirements and we will be happy to advise.

#### Non-Destructive Testing/Examination Options

- DPI
- MPI
- Ultrasonic
- Hardness Testing
- Radiography

Pressure Testing