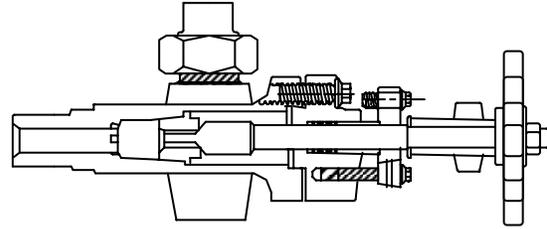


## STEAM-TRAC SV-1600 WATER GAGE VALVES For WSP to 1600 PSI

- Outside Screw and Yoke Design
- 90° Angle Flow Path
- Bolted Bonnet
- Offset Valve Body
- Back Seating Stem
- Reciprocating Stem



Quest-Tec Solutions Type SV-1600 valves are designed specifically for use with water level gages in steam/water service. The angled flow path compactly facilitates installation of the level gage bringing the assembly connection point to the side. The valve has a reciprocating stem that does not rotate, maximizing packing life and preventing galling of the valve seat. The lower valve is normally supplied with a blowdown/drain connection.

As with all Steam-Trac products, integrity of design and maximum service life are the foremost considerations. The valve body and yoke are fabricated from forged carbon steel. The stem and seat are 416 SS (13 CR), and are both replaceable. Optional closing action is available: 2-1/2 turn (plain closing), or 1/4 turn (quick closing.) The valve can be supplied with handwheels, levers (1/4 turn, only) or chain wheels.

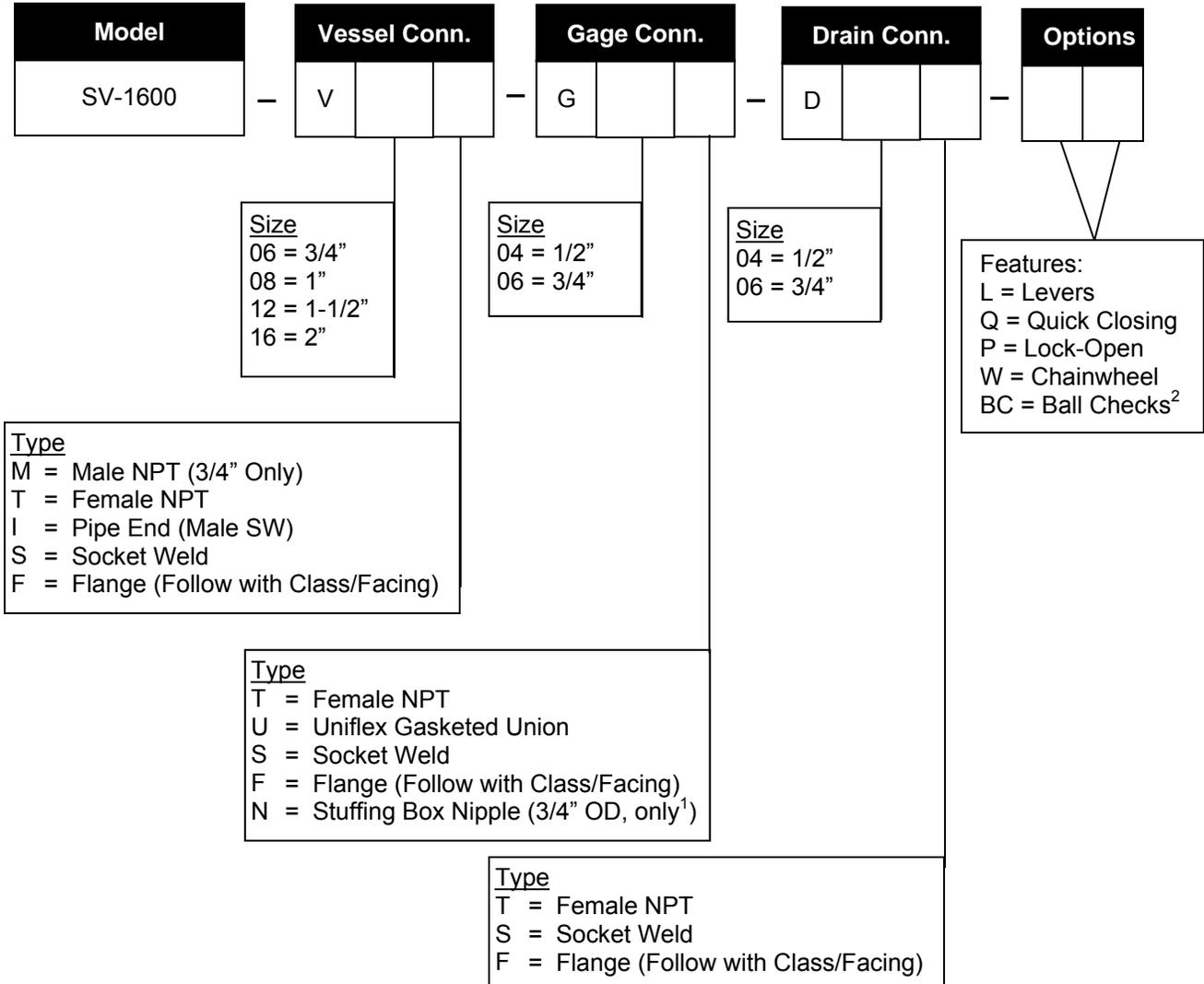
For connection to the gage, Quest-Tec recommends either 1/2" Uniflex unions or flanges. The Uniflex gasketed union offers a high integrity seal, and virtually eliminates nuisance leakage typically associated with stuffing box connections.

Although available, Quest-Tec Solutions does not recommend using a stuffing box connection, as is commonly supplied by our competitors. Although they allow flexible orientation and are very forgiving dimensionally, they are normally fabricated from 0.75" OD Tube, which is actually smaller than the minimum 1/2 IPS<sup>1</sup> as required by ASME Section 1, PG 60.

Drum or Water Column Connections are normally 3/4" flanged, 3/4" male IPS, although additional options are available.

<sup>1</sup>1/2 IPS is has an actual OD of 0.84". This rarely realized discrepancy has resulted in many surprise inspection findings.

## Steam-Trac SV-1600 Model Number Feature Code



<sup>1</sup>Please review comments on Page 1.

<sup>2</sup>Automatic ball checks may cause unintentional isolation of the water gage from the drum, leading to either no water level showing, or a false level showing. Additionally, periodic blow down of the water gage will not be possible. When used, the upper ball must have a notched seat to prevent complete isolation, and the lower ball must be vertically rising.