



1 - Gate valve Stem Nut, replaceable in line.

2 - Steel Gate valve Rising stem with precision ASME double thread for quick operation.

3 - Stem-Gate connection designed so that under severe applied loads(stuck gate), the stem will fail outside of the stuffing box pressu re boundry.

Gate(Disc)

4 - Stem Packing is designed for optimum control of fugitive emissions leakage to the atmosphere. The ultra-low emission leakage ra te is assured by the fine finish on the stem sealing area, the reduced diametrical clearances and the stem straightness control.

5 - Backseat, designed to relieve back pressure on the stem packing when fully seated. Replacing stem packing under pressure is no t recommended.

6 - Body to Bonnet joint designed to apply a uniform load to the gasket to assure a leak proof seal.

7 - Steel Gate valve Seat rings are seal welded to provide a bubble tight joint.