

Specification of stainless Steel Ball Piston Lift Type Non Return Valve

Specification of NRV

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150

Body & Cover : Stainless Steel to ASTM A 351 Gr. CF 8M

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Ball: SS to AISI 316.

Seat & Seat Ring AISI 316

Guide : Stainless Steel to ASTM A 351 Gr. CF8M

Piston: Stainless Steel to ASTM A 351 Gr. CF8M

Bolting/Nuts/Studs: SS to AISI 316.

End Connection : Flanged, Raised Face & Drilled as per BS 10 table 'F'

Design Standard: BS 1868 Class – 150.

Hydros Testing Std. BS6755 Part – 1 for CL -150

Test Pressure Std. Class # 150

F to F Dimension : As per BS EN 552-2 & ANSI B 16.10

~~Temperature & Installation: Suitable for 120°C to 160°C & Horizontal Installation above Ground.~~

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Operator Data: Suitable for Steam & Acidified Liquor of pH: 1.8 Acidic Slurry containing 0.98 gm/ltr.

Operation Specification: Suitable for Normal closing Pressure <1 Kg/cm², Normal Opening Pressure ≥ 1 Kg/cm².

Valve shall be designed for closing automatically if pressure falls below 1 Kg/cm². When Steam is increased again over this threshold value, the valve opens automatically and acceleration is continued.