

Design Features

Stem
Blowout Proof Stem Design. 17-4PH Stem for High Pressure Service.

Stem Seals
Triple Stem Seals Completed with Thrust Washer, O-Ring and Packing.

Seats & Seals
Seats and Seals to Your Specifications. Pressure Relief Grooves as Standard for All Seats. O-Ring Backup Seal Provides Low Torque for Higher Pressure Valves During Operation.

Ball
Precision Stainless Steel Floating Ball Provides Positive Shutoff. All Balls Designed with Pressure Equalizing Hole. 17-4PH Balls for High Pressure Service.

Body
Heavy Duty Solid Forged Three-Piece Threaded Design Allows for Different End Connections, Full Port and Extended Socketweld Ends. 100% Shell Hydro Tested to 1.5 Times Working Pressure.

Body O-Ring
O-Ring Seal Prevents Fluid Contact with Connection Threads and External Leakage

Handle
Heavy Duty Cast Handle with Investment Heavy Cast Locking Device as Standard for All Sizes.

Firesafe Graphite Gasket

Tack Weld

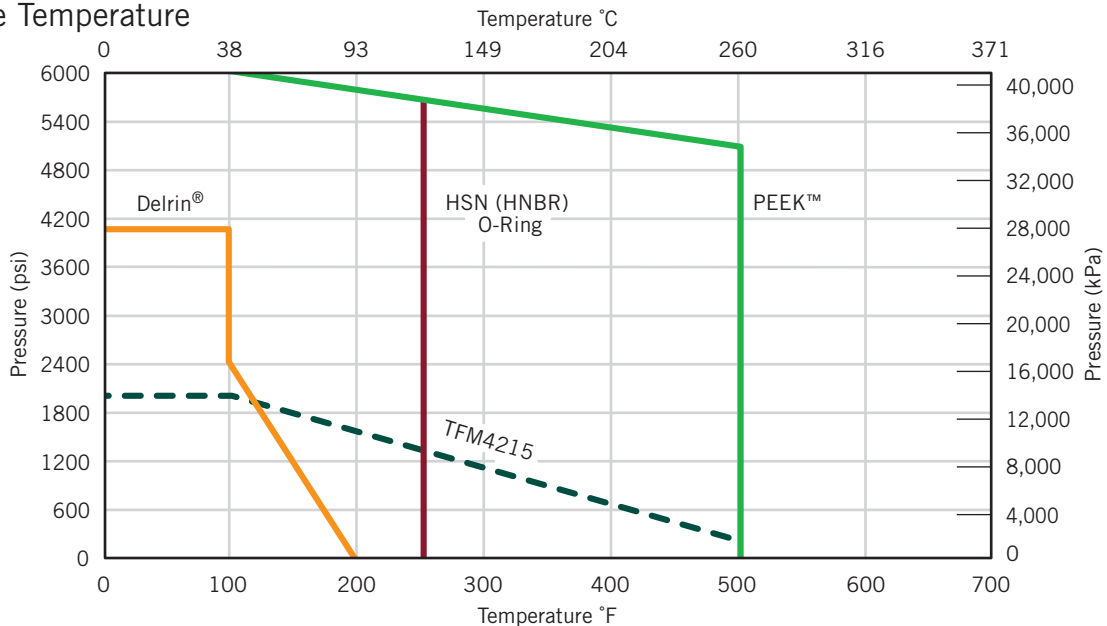
NACE MR0175 & MR0103 as Standard Design

Industry Standards

Valve Shell Pressure Temperature • ASME B16.34
 Seat Pressure Temp. • See PBV® Pressure Temp. Rating
 Shell Wall Thickness • ASME B16.34
 Face-to-Face Dimension • Manufacturer Standard
 End Dimension (Socketwelding End) • ASME B16.11

End Dimension (Threaded End) • ASME B2.1
 Pressure Test • API 598
 Design Standard • API 608, ASME B16.34,
 NACE MR0175 & MR0103
 Fire Test • API 607 5th Edition

Pressure Temperature



Note: Consult ASME B16.34 for Body and Adapter Material Pressure/Temperature Ratings.