

material list:

Body and bonnet:ASTM A182 F304

Seat: ASTM RPTFE

Ball: ASTM A 182 F304

O-ring:VITON

Gasket:Graphite+SS316

Bolt: ASTM A193 Gr B7

Nut:ASTM A194 2H

Design standard

Design: ASME B16.34/API 608/BS 5351

Testing: API 598/BS 6755

Flange end :ASME B16.5

Structure length: ASME B16.10

Fire test: API 607/ API 6FA

Acid environment: NACE MR017

