



Rating / Size :

Class 150, Class 300 – DN15mm to 150mm (1 1/2” to 6”)

Standards

Design Standard :	API-6D, ANSI B16.34, EN 12516.2, ASME Sec. VIII, BS 5351, EN 17292
Face to Face :	ASME B 16.10
Flange Drilling :	ASME B 16.5, EN1092, ASME B 16.25, ASME B16.11, JIS B 2220
Testing :	API 598, ANSI / FCI 70-2, EN 1226-1, ISO-5208
End Connection :	F.F., R.F., RTJ, Buttweld, Socketweld, Screwed NPTF

Shell Materials

ASTM A216 Gr. WCB, ASTM A351 Gr. CF8, ASTM A351 Gr. CF8M
 ASTM A351 Gr. CF3, ASTM A351 Gr. CF3M, ASTM A351 Gr. CN7M
 ASTM A995 Gr. CD4MCuN, ASTM A995 Gr. CD3MN
 ASTM A352 Gr. LCB, ASTM A494 Gr. N-12MV
 ASTM A494 Gr. CW-12MW, ASTM A494 Gr. M-35-1
 URANUS B6 SS904L (UB6), ASTM A 105
 ASTM A 350 LF2, ASTM A182 Gr. F304, ASTM A182 Gr. F316

Ball / Stem

Materials	Cast	Wrought
410	ASTM A217 Gr. CA 15	ASTM A276 TP 410
304	ASTM A351 Gr. CF8	ASTM A276 TP 304
316	ASTM A351 Gr. CF8M	ASTM A276 TP 316
304L	ASTM A351 Gr. CF3	ASTM A276 Gr. 304L
316L	ASTM A351 Gr. CF3M	ASTM A276 Gr. 316L
17-4 PH	ASTM A747 Gr. CB7Cu-1	ASTM A564 TP 630 (17-4PH)
Monel	ASTM A494 Gr. M-35-1	ASTM B164 TP 4400
S3 10803	ASTM A890 Gr. CD4MCu	UNS S3 1803

Seat, Stem Seal, Body Seal

Seat, Stem Seal :	PTFE / GFT / CFT / DELRIN / NYLON / PEEK
Body Seal :	PTFE / GRAFOIL / SPW + GRAFOIL

Features

- Available in manual operated & actuated control
- Double Block & bleed,
- Antistatic Design
- Blow out proof stem
- Pup piece, design (Extended nipple)
- Pigging construction
- Material certification as per EN 10204-3.1, EN 10204-3.2 (Third Party Inspection) & NACE MR-01-75