



### Rating / Size

Class 150 – DN50 to DN600 (2" to 24")

Class 300 – DN50 to DN600 (2" to 24")

Class 600 - DN50 to DN400 (2" to 16")

Class 900 - DN50 to DN250 (2" to 10")

Class 1500 – DN50 to DN150 (2" to 6")

Class 2500 – DN50 to DN150 (2" to 6")

### Standards

Design Standard : ASME B 16.34, EN 12516-2, ASME Sec VIII, BS 1873

Face to Face : ANSI/ ISA 75.08, ASME B 16.10

Flange Drilling : ASME B 16.5, EN 1092, JIS B-2220, ASME B 16.25, ASME B 16.11

Testing : ANSI / FCI 70.2, EN 12266-1, ISO 5208, API-598

End Connection : F.F., R.F., RTJ, Buttweld, Socketweld, Screwed NPTF

### Materials

Shell Materials : ASTM A216 Gr. WCB, ASTM A216 Gr. WCC, ASTM A217 Gr. WC1, ASTM A217 Gr. WC4, ASTM A217 Gr. WC5, ASTM A217 Gr. WC6, ASTM A217 Gr. WC9, ASTM A217 Gr. C5, ASTM A217 Gr. C12, ASTM A351 Gr. CF3, ASTM A351 Gr. CF8, ASTM A351 Gr. CF3M, ASTM A351 Gr. CF8M, ASTM A351 Gr. CF8C, ASTM A351 Gr. CN7M, ASTM A351 Gr. CD4MCu, ASTM A352 Gr. LCB, ASTM A494 Gr. N-12MV, ASTM A494 Gr. CW - 12MW.

Trim Materials : 410, 304, 316, 304 L, 316 L, 321/347, MONEL, CA-6NM

Trim Materials Cast : ASTM A 217 Gr. CA 15, ASTM A 315 Gr. CF8, ASTM A 351 Gr. CF8M, ASTM A 351 Gr. CF3, ASTM A 351 Gr. CF3M, ASTM A 351 Gr. CF8C, ASTM A 494 Gr. M-35-1, ASTM A 743 Gr. CA6NM

Wrought : ASTM A276 Type 410, ASTM A276 Type 304, ASTM A276 Type 316, ASTM A276 Type 304L, ASTM A276 Type 316L, ASTM A276 Type 321/347, ASTM B164 Type 4400

### Features

Available in manual operated & actuated control Valve

Hard Facing on critical parts

Material certification as per EN 10204-3.1, EN 10204-3.2 (Third Party Inspection) & NACE MR-01-75

Trim Design available in contour Top guided, pressure Balance, Trim, Pilot Operated Trim etc

Available in Bellow sealed design

Suitable for High pressure, high temperature as well as general applications