

FORGED STEEL BALL VALVE (SCREWED END | SOCKETWELD END)

SIZES: DN15 TO DN50
CLASS 800



FEATURES

- High Performance Ball Valve with longer life.
- Body Construction is Rugged.
- Simple & Compact Design.
- Positive Shut off & quick in action ball valve.
- These ball valves come in three-piece & regular reduced bore design.
- Mirror Finished ball for long service life.
- Anti-static design.
- Bottom loaded stem prevents stem blowout and enhances system safety.
- High strength stem bearing provides smooth actuation and eliminates galling between valve stem and body.
- Quarter turn positive stop handle with protective sleeve.
- No Lubrication is required.
- Low Pressure Drop while in operation.
- Screwed NPT, BSP, BSPT and Socket Weld end connections are available.

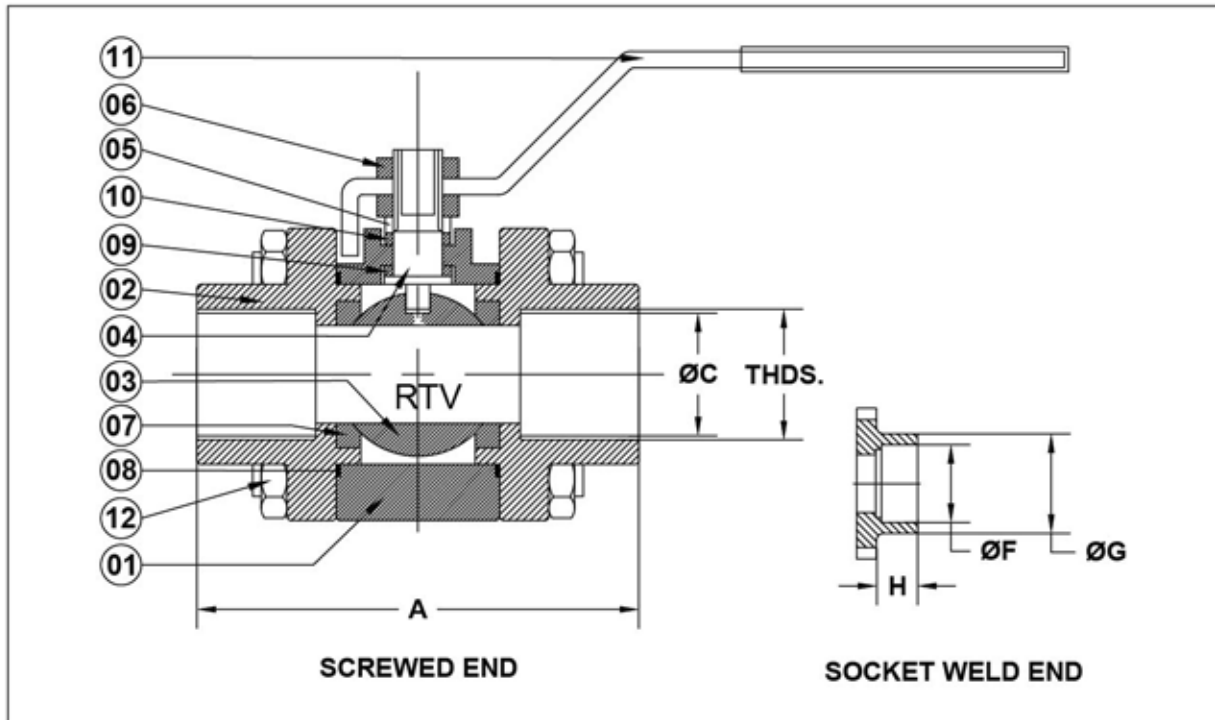
ISO 9001:2015

BUREAU VERITAS
Certification



TECHNICAL DATA :

DESIGN & MANUFACTURING STANDARD : BS 5351 / API 602
 TESTING & INSPECTION STANDARD : API 598
 END CONNECTIONS : BSP, BSPT, NPT, SOCKET WELD
 SOCKETWELD & THREADED TO : ASME B16.11 / ASME B1.20.1



| SL NO | DESCRIPTION | MATERIAL | QTY |
|-------|-----------------|---------------------|-----|
| 1 | BODY | A105 / F304 / F316 | 1 |
| 2 | END PIECE | A105 / F304 / F316 | 1 |
| 3 | BALL | AISI 304 / AISI 316 | 1 |
| 4 | STEM | AISI 304 / AISI 316 | 1 |
| 5 | GLAND | AISI 304 / AISI 316 | 1 |
| 6 | GLAND NUT | AISI 304 / AISI 316 | 1 |
| 7 | SEAT | PTFE | 2 |
| 8 | BODY SEAL | PTFE | 2 |
| 9 | STEM SEAL | PTFE | 2 |
| 10 | STEM WASHER | PTFE | 1 |
| 11 | LEVER | MS / SS | 1 |
| 12 | BODY STUD / NUT | CS / SS | 4 |

| SIZE | | CLASS 800 | | | | | | |
|------|----|-----------|----|-----|------------------------|------|----|------|
| in. | mm | A | ØC | L | THDS. BSP / BSPT / NPT | F | G | H |
| ½" | 15 | 68 | 12 | 115 | ½" | 21.8 | 29 | 12.7 |
| ¾" | 20 | 79 | 16 | 122 | ¾" | 27.3 | 35 | 19 |
| 1" | 25 | 95 | 18 | 153 | 1" | 34.1 | 43 | 22 |
| 1 ¼" | 32 | 107 | 24 | 178 | 1 ¼" | 43 | 54 | 22 |
| 1 ½" | 40 | 117 | 32 | 178 | 1 ½" | 49 | 58 | 22 |
| 2" | 50 | 130 | 37 | 178 | 2" | 61.3 | 71 | 23 |

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

| PRIMARY SERVICE RATING & TEST PRESSURE | | | | |
|--|------------------|--------------------|-----------|-------|
| CLASS | WORKING PRESSURE | HYD. TEST PRESSURE | | |
| | | BODY | SEAT | TEMP. |
| 800 | 800 PSIG | 3000 PSIG | 2000 PSIG | 200°F |
| AIR TEST - SEAT : 80 PSIG ± 10 PSIG | | | | |

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