



HW-BB Forging fully welded Trunnion Mounted Ball valve

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Design & Manufacturing: API6D

End to end Dimension: API6D

End connection: ASM/ANSI B16.5&B16.47a&B16.25;JIS;EN;DIN

Test & Inspection: API6D

Pressure rating: class150lb/PN16~25, class300lb/PN40, class600lb/PN80-100, class900lb/PN160, class1500lb/PN250

Sizes: 4" - 56" / DN 100 – DN 1400

Applications: oil, crude oil, natural gas etc.



Overview:

HW-BB type ball valve is widely used in oil, nature gas pipeline and the industries of liquefied gas, coal gas, etc. as an open/close control valve. The valve uses trunnion mounted ball, fully forged metal parts, fully welded body design. The forging body ensures the quality of ball valve parts and welded body ensures the shell strength and rigidity, while completely eliminates the possibility of medium leakage. The design of seat seal uses unique two-level soft seal and metal to metal seal to form triple sealing; the design of seat piston is accurately calculated to ensure seal reliability with small open/close torque and easy operation.

Features of Product Design

Full bore or reduced bore design

Fire-safe design in compliance with **API607/API6FA**

Forged body and ball, welded body, eliminating medium leakage.

Anti-static design in compliance with **BS5351**

Trunnion mounted ball, anti-blowout stem, several-level sealing of stem

Cavity self-relief under overpressure

Floating double seats, bi-directional sealing, two-level soft seal rings and metal

Seat and stem are with emergency sealant injector and structure to metal seal form triple sealing

Flexible open/close, easy operation, long life cycle

Double block and bleed structure (DBB) free of maintenance