BSi - British Standard Valves
An overview of BSi - British Standard institute valve standards


BS 341-3:2002: Transportable gas container valves. Valve outlet connections

BS 341-4:2004: Transportable gas container valves. Pressure relief devices

BS 759-1:1984: Valves, gauges and other safety fittings for application to boilers and to piping installations for and in connection with boilers. Specification for valves, mountings and fittings

BS 1123-1:1990: Safety valves, gauges and fusible plugs for compressed air or inert gas installations - Code of practice for installation

BS 1212-1:1990: Float operated valves - Specification for piston type float operated valves (copper alloy body) (excluding floats)

BS 1212-1:1990: Float operated valves - Specification for piston type float operated valves (copper alloy body) (excluding floats)

BS 1212-3:1990: Float operated valves - Specification for diaphragm type float operated valves (plastics bodied) for cold water services only (excluding floats)

BS 1212-4:1990: Float operated valves - Specification for compact type float operated valves for WC flushing cisterns (including floats)

BS 1552:2004: Specification for open bottomed taper plug valves for 1st, 2nd and 3rd family gases up to 200
m bar

BS 1570:1960: Flanged and but weld-welding end steel plug valves for the petroleum industry (excluding well-head and flow-line valves)

BS1655:1976: Flanged automatic control valves for the process control industry (face to face dimensions)

BS 1735:1966: Flanged cast iron outside-screw-and-yoke wedge gate valve, class 125, sizes 1 1/3 in to 24 in, for the petroleum industry

BS 1868:1975: Specification for steel check valves (flanged and butt-welding ends) for the petroleum, petrochemical and allied industries

BS 1873:1975: Specification for steel globe and globe stop and check valves (flanged and butt-welding ends) for the petroleum, petrochemical and allied industries

BS1952:2000: Copper alloy valves for general purposes

BS1953:2000: Copper alloy check valves for general purposes

BS1963:1990: Specification for pressure operated relay valves for domestic, commercial and catering gas appliances

BS 1968:1953: Specification for floats for ball valves (copper)

BS2060:2000: Copper alloy screw down stop valves for general purposes

BS2080:1995: Specification for face to face, center to face, end to end and center to end dimensions of valves

BS 2456:1990: Specification for floats (plastics) for float operated valves for cold water services
BS 2879:1980: Specification for draining taps (screw-down pattern)
BS 2995:1966: Cast and forged steel wedge gate, globe, check and plug valve, screwed and socket welding, sizes 2 in and smaller, for the petroleum industry

BS 3457:1973: Specification for materials for water tap and stop valve seat washers

BS 3464:2000: Cast iron wedge and double disk gate valves for general purposes

BS 3808:1964: Cast and forged steel flanged, screwed and socket welding wedge gate valves (compact design), sizes 2 in and smaller, for the petroleum industry

BS 3948:1965: Cast iron parallel slide valves for general purposes

BS 3952:1965: Cast iron screw down stop valves and stop and check valves for general purposes

BS 4062-1:1982: Valves for hydraulic fluid power systems - Methods for determining pressure differential/flow characteristics

BS 4062-2:1990: Valves for hydraulic fluid power systems - Methods for determining performance

BS 4090:1966: Cast iron check valves for general purposes

BS 4133:1967: Flanged steel parallel slide valves for general purposes

BS 4312:1968: Flanged steel screw down stop valves and check valves for general purposes

BS 4460:1969: Steel ball valves for the petroleum industry

BS 5041:1987: Fire hydrant systems equipment - Specification for landing valves for wet risers

BS 5146 P1:1984: Steel valves for the petrochemical and allied industries

BS 5150:1990: Withdrawn, superseded specification for cast iron gate valves
BS 5151:1982: Withdrawn, Superseded Specification for cast iron gate (parallel slide) valves for general purposes
BS 5152:1989: Withdrawn, Superseded Cast iron globe & globe stop and check valves
BS 5153:1989: Withdrawn, Superseded Cast iron check valves for general purposes
BS 5154:1991: Specification for copper alloy globe, globe stop and check, check and gate valves
BS 5155:1992: Specification for butterfly valves
BS 5156:1990: Specification for diaphragm valves
BS 5157:1989: Specification for steel gate (parallel slide) valves
BS 5158:1989: Specification for cast iron plug valves
BS 5159:1982: Cast iron and carbon steel ball valves for general purposes
BS 5160:1989: Specification for steel globe valves, globe stop and check valves and lift type check valves
BS 5163:1991: Specification for predominantly key-operated cast iron gate valves for waterworks purposes
BS 5351:1990: Steel ball valves for petroleum, petrochemical and allied industries
BS 5352:1990: Steel wedge gate, globe and check valves 50mm and small
BS 5417:1976: Testing of general purpose industrial valves
BS 5418:1984: Specification for marking of general purpose industrial valves
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BS 6283-4:1991: Safety and control devices for use in hot water systems - Specification for drop-tight pressure reducing valves of nominal size up to and including DN 50 for supply pressures up to and including 12 bar

BS 6494-4:1989: Hydraulic fluid power valve mounting surfaces - Specification for clamping dimensions of four-part, size 03 and 05, modular stack valves and directional control valves

BS 6675:1986: Specification for servicing valves (copper alloy) for water services

BS 6683:1985: Guide to installation and use of valves

BS 6697:1986: Methods of test for electrohydraulic proportional control valves

BS 6755-2:1987: Testing of valves - Specification for fire type-testing requirements


BS 6759-2:1997: Safety valves - Part 2. Safety valves for compressed air or inert gas


BS 6821:1988: Methods for aerodynamic testing of dampers and valves

BS 7296-1:1990: Cavities for hydraulic fluid power cartridge valves - specification for two-port slip-in valves

BS 7350:1990: Specification for double regulating globe valves and flow measurement devices for heating and chilled water systems

BS 7389-1:1990: Pneumatic fluid power valve mounting surfaces - specification for five-port directional control valves (without electrical motor)

BS 7438:1991: Specification steel and copper alloy waffer check valves, single disk, spring-loaded type
BS EN 488:2003: District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Steel valve assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene

BS EN 558-1:1996: Industrial values face to face and center to face dimensions of metal valves for use in flanged pipe systems. Part 1 PN designated valves

BS EN 558-2:1996: Industrial valves face to face and center to face dimensions of metal valves for use in flanged piping systems. Part 2 class-designated valves

BS EN 561:2002: Gas welding equipment - Quick-action coupling with shut-off valves for welding, cutting and allied processes

BS EN 736-1:1995: Valves - Terminology - Definition of types of valves

BS EN 736-2:1997: Valves - Terminology - Definition of components of valves

BS EN 816:1997: Sanitary tapware - Automatic shut-off valves PN 10

BS EN 917:1997: Plastics piping systems - Thermoplastics valves - Test methods for resistance to internal pressure and leaktightness

BS EN 1092-2:1997: Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Cast iron flanges

BS EN 1112:1997: Shower outlets for (PN 10) sanitary tapware

BS EN 1680:1997: Plastics piping systems - Valves for polyethylene (PE) piping systems - Test method for leaktightness under and after bending applied to the operating mechanism

BS EN 1704:1997: Plastics piping systems - Thermoplastics valves - Test method for the integrity of a valve after temperature cycling under bending
BS EN 1705:1997: Plastics piping systems - Thermoplastics valves - Test method for the integrity of a valve after an external blow

BS EN 12119:1997: Plastics piping systems - Polyethylene (PE) valves - Test method for resistance to thermal cycling

BS EN 14141:2003: Valves for natural gas transportation in pipelines - Performance requirements and tests


BS EN 28233:1992: Thermoplastics valves - Torque - Test method

BS EN 28659:1992: Thermoplastics valves - Fatigue strength - Test method

BS EN 60534-1:1989: Industrial-process control valves - Industrial-process control valves - Control valve terminology and general considerations

BS EN 60534-2-1:1999: Industrial-process control valves - Flow capacity - Flow capacity - Sizing equations for fluid flow under installed conditions


BS EN 60534-2-5:2003: Industrial-process control valves - Flow capacity - Sizing equations for fluid flow through multistage control valves with interstage recovery

BS EN 60534-3-1:2000: Industrial-process control valves - Dimensions - Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves

BS EN 60534-3-2:2001: Industrial-process control valves - Dimensions - Face-to-face dimensions for rotary control valves except butterfly valves
BS EN 60534-3-3:1998: Industrial-process control valves - Dimensions - End-to-end dimensions for buttweld, two-way, globe-type, straight pattern control valves

BS EN 60534-5:2004: Industrial-process control valves - Marking

BS EN 60534-6-1:1998: Industrial-process control valves - Mounting details for attachment of positioners to control valves – Positioner mounting on linear actuators

BS EN 60534-6-2:2001: Industrial-process control valves - Mounting details for attachment of positioners to control valves – Positioner mounting on rotary actuators

BS EN 60534-8-1:2001: Industrial-process control valves - Noise considerations - Laboratory measurement of noise generated by aerodynamic flow through control valves

BS EN 60534-8-2:1991: Industrial-process control valves - Noise considerations - Laboratory measurement of noise generated by hydrodynamic flow through control valves

BS EN 60534-8-3:2000: Industrial-process control valves - Noise considerations - Control valve aerodynamic noise prediction method

BS EN 60534-8-4:1994: Industrial-process control valves - Noise considerations - Prediction of noise generated by hydrodynamic flow

BS EN 60730-2-8:2002: Specification for automatic electrical controls for household and similar use - Particular requirements – Particular requirements for electrically operated water valves, including mechanical requirements

BS EN ISO 5210:1996: Industrial valves - Multi-turn valve actuator attachments

BS ISO 4401:1996: Hydraulic fluid power - Four-port directional control valves - Mounting surfaces