

BSi - British Standard Valves

An overview of BSi - British Standard institute valve standards

- BS 341-1:1991: Transportable gas container valves. Specification for industrial valves for working pressures up to and including 300 bar (REPLACED by BS EN 14189:2003), BS 341-3:2002), BS EN 849:1997), BS EN ISO 13340:2001), BS EN ISO 14246:2001), BS 341-4:2004)
- BS 341-2:1963: Transportable Gas Container Valves. Valves with Taper Stems for Use with Breathing Apparatus. (REPLACED by BS341-1:1991), BS EN 849:1997), BS EN ISO 12209-1:2001), BS EN ISO 12209-2:2001), BS EN ISO 12209-3:2001)
- 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 butt-welding end steel plug valves for the petroleum industry (excluding well-head and flow-line valves)
- BS 1655:1976: 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
- BS 1952:2000: Copper alloy valves for general purposes
- BS 1953:2000: Copper alloy check valves for general purposes
- BS 1963:1990: Specification for pressure operated relay valves for domestic, commercial and catering gas appliances
- BS 1968:1953: Specification for floats for ball valves (copper)
- BS 2060:2000: Copper alloy screw down stop valves for general purposes
- BS 2080:1995: 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: BS2995:1966:	Specification for draining taps (screw-down pattern) 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
BS3808:1964:	Cast and forged steel flanged, screwed and socket welding wedge gate valves (compact design), sizes 2 in and smaller, for the petroleum industry
BS3948:1965:	Cast iron parallel slide valves for general purposes
BS3952:1965:	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
BS4090:1966:	Cast iron check valves for general purposes
BS4133:1967:	Flanged steel parallel slide valves for general purposes
BS4312:1968:	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 5353:1989:	Specification for steel plug valves
BS 5417:1976:	Testing of general purpose industrial valves
BS 5418:1984:	Specification for marking of general purpose industrial valves

BS 5672:1991:	Specification for designation of the direction of rotation and of cylinders and valves in cylinder heads, and definition of right-hand and left-hand in-line engines and locations on engines for reciprocating internal combustion engines
BS 5793-4:1987: BS 5793-6:1986:	Industrial-process control valves - Specification for inspection and routine testing Industrial-process control valves - Specification for mounting details for attachment of positioners to control valve actuators
BS 5834-1:1985:	Surface boxes, guards and underground chambers for gas and waterworks purposes - Specification for guards, including foundation units
BS 5834-2:1983:	Surface boxes, guards and underground chambers for gas and waterworks purposes - Specification for small surface boxes
BS 5834-3:1985:	Surface boxes, guards and underground chambers for gas and waterworks purposes - Specification for large surface boxes
BS 5834-4:1989:	Surface boxes, guards and underground chambers for gas and waterworks purposes - Specification for preformed chambers
BS 5995:1980:	Methods of test for electrohydraulic servovalves
BS 6282-2:1982:	Devices with moving parts for the prevention of contamination of water by backflow - Specification for check valves of nominal size up to and including DN 54
BS 6282-3:1982:	Devices with moving parts for the prevention of contamination of water by backflow - Specification for in-line anti-vacuum valves of nominal size up to and including DN 42
BS 6282-4:1982	Devices with moving parts for the prevention of contamination of water by backflow - Specification for combined check and anti-vacuum valves of nominal size up to and including DN 42
BS 6283-2:1991:	Safety and control devices for use in hot water systems - Specifications for temperature relief

valves for pressures from 1 bar to 10 bar

- 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 6759-1:1995: Safety valves - Part 1. Specification for safety valves for steam and hot water
- BS 6759-2:1997: Safety valves - Part 2. Safety valves for compressed air or inert gas
- BS 6759-3:1995: Safety valves - Part 3. Specification for safety valves for process fluids
- 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 wafer 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 valves 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 14189:2003 :	Transportable gas cylinders. Inspection and maintenance of cylinder valves at time of periodic inspection of gas cylinders. Partially replaces BS 341-1:1991
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 60534-2-3:1998:	Industrial-process control valves - Flow capacity - Test procedures
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

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- BS EN 60534-3-3:1998: Industrial-process control valves - Dimensions - End-to-end dimensions for butt-weld, 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
- BS ISO 6263:1997: Hydraulic fluid power - Compensated flow-control valves - Mounting surfaces
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