ISO Valve International Standard

NO.	Standard code	Standard name
	ISO	
1	ISO – 5209 – 77	Industrial valve marking
2	ISO – 5752 – 88	The structural length of the metal valve in the flange piping system
3	ISO – 5996 – 84	Cast iron gate valve
4	ISO – 6552 – 89	Definition of terms for automatic steam traps
5	ISO – 6553 – 80	Automatic steam trap one mark
6	ISO – 6554 – 80	Flange connection automatic steam trap structure length

7	ISO – 6704 – 89	Automatic steam trap classification
8	ISO – 6948 – 81	Automatic steam trap-product test and working characteristic test
9	ISO – 7121 – 86	Flange connection steel ball valve
10	ISO – 7259 – 88	Cast iron gate valve for underground use mainly operated by a wrench
11	ISO – 7508 – 85	Basic dimensions of metric series of unplasticized vinyl chloride (PVC-U) valves for pressure pipelines
12	ISO – 7841 – 88	Automatic steam trap-air leakage measurement-test method
13	ISO – 7842 – 88	Automatic steam trap—determination of displacement—test method
14	ISO – 8233 – 88	Thermoplastic valve, torque test method
15	ISO/DIN4126 – 85	General requirements for safety valves
16	IS0/DIN5208 – 87	Industrial valves-pressure test of valves

17	IS0/DIN5210-89	Multi-turn valve drive connection
18	ISO/DIN5211 – 89	Partial rotary valve drive connection
19	IS0/DIN6002 – 88	Steel gate valve with bolted bonnet
20	ISO/DIN	Steel globe valve with bolted bonnet
21	ISO/DIN – 88	Valve fire test requirements
22	ISO/DIN10631 – 91	General-purpose metal butterfly valve
23	ISO – 8242 – 89	Polypropylene valve for pressure pipe basic size metric series

ANSI American National Standard for Valves

NO.	Standard code	Standard name
	ANSI	
1	ANSI – B16.10-86	Flange connection and welded steel valve structure length
2	ANSI – B16.33-81	Manually operated metal gas valves for gas piping systems with pressures below 125 psi
3	ANSI – B16.34-81	Valve-flange connection and butt welding connection
4	ANSI – B16.37-80	Control valve static pressure test
5	ANSI – B16.38-85	Large manual metal gas valve for gas distribution system whose maximum allowable operating pressure does not exceed 1251b£/m2 (8.6bar, gauge pressure)
6	ANSI – B16.40-85	Manual thermoplastic gas shut-off device or valve for gas distribution system
7	ANSI – B16.41-83	Quality requirements for power drive valve components in nuclear power plants

8	ANSI – B16.104-76	Control valve seat leakage
9	ANSI – B95.1-77	Terminology of pressure relief device
10	ANSI – B146.1-77	Steel flange connection safety relief valve
11	ANSI – C33.83 -72	Used for! Safety Standards for Electric Valves in Class A, B, C, D Groups and || Class E, F, G Groups in Hazardous Areas
12	ANSI – N278.1 -75	Standards for functional specifications of automatic and power-driven safety valves
13	ANSI/FC175 -1-79	Test conditions and test procedures for measuring the electrical performance of electromagnetic valves
14	ANSI/FC169 -1-77	Pressure rating standards for steam traps
15	ANSI/UL1121-79	Safety standards for marine through-shell fittings and marine valves
16	ANSI/ASME PTC25.3-76	Safety valve performance test specification

17	ANSI/ISA-S75.01	Quantitative equation of control valve
18	ANSI/UL352 – 81	Constant oil level valve standard
19	ANSI/AP1527 – 78	Conventional seat tightness of safety relief valve with metal seal
20	ANSI/AWWAC500-86	Water supply and drainage system gate valve
21	ANSI/AWWAC501- 87	Cast iron water gate
22	ANSI/AWWAC509 – 80	Resilient valve seat gate valve for water supply and drainage system
23	ANSI/AWWAC506 – 78	Backflow prevention device a pressure reducing principle type and double check valve type
24	ANSI/ASTMB462 – 79	Forged or rolled stainless steel, nickel, iron, molybdenum, copper, niobium stabilized alloy (UN-SNoS020) pipe flanges, forged pipe fittings, valves and external parts for corrosion and high-temperature work
25	ANSI/UL312 – 89	Fire protection device check valve
26	ANSI/UL1478 – 88	Refractory pump pressure reducing valve

27	ANSI A126	Grey cast iron parts for valves, flanges and pipe fittings
28	ANSI A181	Forged or rolled steel flanges and forged pipe fittings, valves and parts for general use
29	ANSI/ASTM A217M	Specification for martensitic stainless steel and alloy steel castings for high temperature pressure parts
30	ANSI B1.1	Unified inch thread (UN and UNR thread form)
31	ANSI B1.5	Trapezoidal thread (ACME)
32	ANSI B1.8	Short Tooth Trapezoidal Thread (ACME)
33	ANSI B1.20.1	Pipe thread general purpose
34	ANSI B1.20.3	Seal pipe thread
35	ANSI B2.1	Pipe thread (except dry seal thread)
36	ANSI B16.1	Cast iron pipe flanges and flanged pipe fittings

37	ANSI B16.5	Flanges and flange accessories
38	ANSI B16.10	Valve structure length
39	ANSI B16.11	Socket welding and threaded connection forged pipe fittings
40	ANSI B16.14	Steel pipe plug, bushing and lock nut (with pipe thread)
41	ANSI B16.20	Channel steel flange and ring metal gasket
42	ANSI B16.21	Non-metallic flat gasket (for pipe flange)
43	ANSI B16.24	Bronze flanges and flange pipe fittings CL150 and CL300
44	ANSI B16.25	Butt welding end
45	ANSI B16.34	Flanged, threaded and welded end valves
46	ANSI B16.42	Malleable cast iron pipe flanges and fittings

47	ANSI B18.2.2	Square Nut and Hex Nut (Inch Series)
48	ANSI B18.5	Round head screw
49	ANSI B31.3	Chemical plant and oil refinery pipeline
50	ANSI B36.10M	Welded pipe and seamless steel pipe
51	ANSI B46.1	Surface structure (surface roughness, waviness)
52	ANSI B95.1	Terminology of decompression device
53	ANSI/AWWA C504	Rubber gasket seal butterfly valve
54	ANSI/AWWA C 509	Elastic seated gate valve for water supply
55	ANSI/FCI 69-1	Standards for pressure ratings of traps
56	ANSI/FCI 70-2	Control valve seat leakage

57	ANSI/FCI 85-1	Trap product testing
58	ANSI/FCI 87-1	Classification and operating principle of traps
59	ANSI/FCI 87-2	Standard for power signal of spring template drive control valve
60	ANSI/FCI 91-1	Control the quality standard of valve sealing
61	ANSI/UL 132	Safety standards for safety valves for anhydrous ammonia and liquefied petroleum gas
62	ANSI/UL 144	Safety standards for liquefied petroleum gas pressure regulating valve
63	ANSI/UL 753	Alarm accessory for automatic water supply control valve for fire-fighting equipment
64	ANSI/API 527	Seat tightness of safety valve
65	ANSI/API 608	Butt welding and flange end metal ball valve
66	ANSI/ASSE 1003	Pressure reducing valve for domestic water supply system

67	ANSI/ASSE 1046	Thermal expansion pressure reducing valve
68	ANSI/ASTM F 1508	Specification for angle relief valves for steam, gas and liquid equipment
69	ANSI T 3.5.14 R1	Hydraulic transmission. Directly controlled valves. Determination of boundary characteristics
70	ANSI(NFPA)T3.21.4 R2	Pneumatic valve NFPA/T2.6.1 R2-2000 Supplement: Pressure rating of hydraulic components Test fatigue and determine the pressure of hydraulic pneumatic valves with metal shells
71	ANSI/(NFPA) T 3.21.8	Pneumatic and hydraulic. Measurement of response time. Direct valve control
72	ANSI Z21.22a Addenda	Safety valve for hot water supply system and automatic gas shut-off system.
73	ANSI Z21.22	Safety valve for hot water supply system and automatic gas shut-off system
74	ANSI Z 21.22a	Pressure reducing valve and vacuum pressure reducing valve
75	ANSI Z 21.22b	Pressure reducing valve of hot water supply system
76	ANSI/ASHRAE 17	Test method for rated capacity of thermostatic refrigerant expansion valve

77	ANSI/ARI 750	Refrigerant thermostatic expansion valve
78	ANSI/ISA 75.01.01	Flow equation for size control valve
79	ANSI/ISA 75.08.01	Face-to-face dimensions of integral flanged ball control valve body (type 125, 150, 250, 300, and 600)
80	ANSI/ISA 75.08.02	Dimensions between the end faces of flangeless control valves (class 150, 300, and 600)
81	ANSI/ISA S 75.08.03	Socket welding end and screw end spherical control valve surface to surface size
82	ANSI/ISA S 75.08.04	Face-to-face dimensions of the butt-welded ball control valve
83	ANSI/ISA 75.08.05	Face-to-face dimensions of butt-welded ball control valves (types 150, 300, 600, 900, 1500, and 2500)
84	ANSI/ISA 75.08.06	Face-to-face dimensions of flanged ball control valve bodies (types 900, 1500 and 2500)
85	ANSI/ISA S 75.08.07	Face-to-face dimension of independent flange spherical control valve
86	ANSI/ISA S 75.15	Face-to-face dimensions of the butt-welded ball control valve (ANSI grade 150, 300, 600, 900, 1500, 2500)

87	ANSI/ISA S 75.19.01	Hydrostatic test of control valve
88	ANSI/IEEE 1290	Guidelines for the application, protection, control and testing of electric control valve motors in nuclear power stations

American Society for Testing and Materials Valve Standard

NO.	Standard code	Standard name
	ANSI	
1	A182 – 88	Forged or rolled alloy flanges for high temperature forged pipe fittings, valves and other parts
2	A338 – 84	Malleable cast iron flanges, pipe fittings and valves
3	A522 – 76	Forged or rolled 8% and 9% nickel alloy steel flanges, pipe fittings, valves and other parts for low-temperature use

4	A694 – 74	Forged carbon steel and alloy steel flanges, fittings, valves and other parts for high-voltage transmission lines

AWWA American Water Works Association

NO.	Standard code	Standard name
	AWWA	
1	AWWA – A504-80	Rubber seat butterfly valve
2	AWWA -A507 – 85	6 inch ~ 48 inch ball valve
3	AWWA -A508 – 82	Swing check valve for water supply equipment with a nominal diameter of 2 inches 2-24 inches

MSS American Valve and Fitting Manufacturers Standardization Association Valve Standards

NO.	Standard code	Standard name
	MSS	
1	MSS SP-42-78	150L6 flange and welded corrosion-resistant gate valve. Globe valve. Angle valve and check valve
2	MSS SP-53-80	Quality Standard for Steel Castings of Valves, Flanges, Pipe Fittings and Piping Accessories-Magnetic Particle Inspection Method
3	MSS SP-54-80	Quality Standard for Steel Castings of Valves, Flanges, Pipe Fittings and Pipe Fittings-Radiographic Test Method
4	MSS SP-55-85	Quality standards for steel castings of valves, flanges, pipe fittings and their pipe fittings (visual method)
5	MSS SP-61-77	Pressure test of steel valve
6	MSS SP-67-76	Butterfly valve
7	MSS SP-70-76	Cast iron gate valve with flange and threaded end

8	MSS SP-71-76	Cast iron swing check valve with flange and threaded end
9	MSS SP-72-76	Ball valve with flange end and welding end
10	MSS SP-80-74	Bronze gate valves, globe valves, angle valves and check valves
11	MSS SP-81-81	Stainless steel knife gate valve without bonnet flange connection
12	MSS SP-82-76	Valve pressure test method
13	MSS SP-84-78	Socket welding and threaded connection steel valve
14	MSS SP-85-76	Flange connection and threaded connection cast iron angle globe valve
15	MSS SP-86-81	MSS Guidelines for Metric Data of Valve Flanges and Fittings
16	MSS SP-88-83	Diaphragm valve
17	MSS SP-91-84	Manual valve operation guide

18	MSS SP-92-80	MSS Valve User Guide
19	MSS SP-93-82	Valves, flanges, pipe fittings and other pipeline accessories-steel castings and forgings quality standards-liquid penetration inspection method
20	MSS SP-94	Ultrasonic inspection method for quality standards of ferritic and martensitic steel castings of valves, flanges, pipe fittings and other pipeline accessories
21	MSS SP-95	Die forging threaded pipe joints and large pipe plugs
22	MSS SP-97	Integral reinforced forged branch lead-out pipe fittings-socket welding, threaded and welded ends
23	MSS SP 108	Cast iron eccentric plug valve with elastic seal
24	MSS SP-117	Bellows seals for globe valves and gate valves
25	MSS SP 118	Flange end, flangeless end, threaded end and welded end compact steel globe valve and check valve (for chemical and petroleum refining)
26	MSS SP-120	Design Requirements for Flexible Graphite Packing System of Lifting Stem (Rising Stem) Steel Valves
27	MSS SP-125	Spring-loaded center-oriented gray cast iron and ductile iron pipeline check valve

28	MSS SP-126	Spring-loaded center-oriented steel pipeline check valve

ASTM American Society of Testing Materials Standards

NO.	Standard code	Standard name
	ASTM	
1	ASTM A6/A6M	General requirements for rolled steel plates, sections, sheet piles and bars for structural use
2	ASTM A27/A27M	Standard technical conditions for general purpose carbon steel castings
3	ASTM A29/A29M	Standard Specification for Hot Forged Carbon Steel and Alloy Steel Bars General Requirements
4	ASTM A36/A36M	Standard Specification for Carbon Structural Steel

5	ASTM A48/A48M	Standard technical conditions for grey cast iron castings
6	ASTM A105/A105M	Carbon steel forgings for pipe parts
7	ASTM A106	Specification for seamless carbon steel pipes for high temperature
8	ASTM A108	Standard Specification for Cold Finish Rolled Carbon Steel and Alloy Steel Bars
9	ASTM A126	Specification for grey cast iron pipe fittings for valves, flanges and pipe fittings
10	ASTM A181	Specification for forged or rolled steel pipe flanges, forged pipe fittings, valves and parts for general purposes
11	ASTM A182	Forged or rolled alloy steel and stainless steel flanges, forged pipe fittings, valves and components for high temperature
12	ASTM A193/A193M	Technical requirements for alloy steel and stainless steel bolt materials for high temperature
13	ASTM A194/A194M	Technical requirements for carbon steel and alloy steel nuts for high temperature and high pressure bolts
14	ASTM A203	Specification for nickel alloy steel plates for pressure vessels

15	ASTM A216/A216M	Specification for carbon steel castings suitable for fusion welding for high temperature
16	ASTM A217	Specification for martensitic stainless steel and alloy steel castings for high temperature pressure parts
17	ASTM A240/A240M	Heat-resistant chromium and chromium-nickel stainless steel medium and thick plates, thin plates and strips for pressure vessels
18	ASTM A250/A250M	Specification for electric resistance welded ferritic alloy steel pipes for boilers and superheaters
19	ASTM A276	Specification for stainless and heat-resistant steel bars and sections
20	ASTM A278/A278M	Specification for gray iron castings for pressure-bearing parts whose high temperature does not exceed 345 °C
21	ASTM A283/A283M	Specification for low and medium tensile strength carbon steel plates
22	ASTM A285/A285M	Standard technical conditions of low and medium tensile strength carbon steel for pressure vessels
23	ASTM A307/A307M	6000PSI Tensile Strength Carbon Steel Studs and Bolts Standard Specification
24	ASTM A312/A312M	Specification for seamless or welded and heavily cold worked austenitic stainless steel pipes

25	ASTM A320/A320M	Standard Specification for Alloy Steel Bolt Materials for Low Temperature
26	ASTM A333/A333M	Standard specification for seamless and welded steel pipes for cryogenic equipment
27	ASTM A334/A334M	Standard specification for seamless and welded carbon and alloy steel pipes for cryogenic equipment
28	ASTM A335	Specification for seamless ferritic alloy steel pipe for high temperature equipment
29	ASTM A336/A336M	Specification for alloy steel forgings for high temperature pressure parts
30	ASTM A350/A350M	Standard specification for carbon steel and low-alloy steel forgings for pipe components requiring notch toughness test
31	ASTM A351/A351M	Specification for austenitic steel castings for pressure parts
32	ASTM A352/A352M	Standard Specification for Ferritic and Martensitic Steel Castings for Low Temperature Bearing
33	ASTM A387/A387M	Standard Specification for Chromium Molybdenum Alloy Steel for Pressure Vessels
34	ASTM A395	Specification for ductile iron castings

35	ASTM A403/A403M	Standard Specification for Forged Austenitic Stainless Steel Pipe Fittings
36	ASTM A404	Forged or rolled alloy steel pipe flanges, forged pipe fittings, valves and parts with special heat treatment for high temperature
37	ASTM A405/A405M	Specification for seamless ferritic alloy steel pipes subjected to special heat treatment for high temperature
38	ASTM A439	Specification for austenitic ductile iron castings
39	ASTM A479	Specification for alloy steel bars and profiles
40	ASTM A484/A484M	Standard specification for general requirements for stainless and heat-resistant steel bars, billets and forgings
41	ASTM A516	Specification for carbon steel plates for medium temperature and low temperature pressure vessels
42	ASTM A522	Forged or rolled 8% and 9% nickel alloy steel flanges, pipe fittings, valves and parts for low temperature use
43	ASTM A536	Standard Specification for Ductile Iron Castings
44	ASTM A582	Specification for hot-rolled or cold-worked inorganic stainless steel and heat-resistant steel bars

45	ASTM A694/A694M	Forged carbon steel and alloy steel flanges, pipe fittings, valves and other parts for high-pressure pipelines
46	ASTM A744	Specification for corrosion-resistant iron, chromium, nickel, and nickel-based alloy castings used under severe conditions
47	ASTM A961	Standard Specification for General Requirements for Pipeline Steel Flanges, Forged Fittings, Valves and Parts
48	ASTM B16	Standard specification for easy-turning brass bars and profiles for wire cutters
49	ASTM B62	Standard Specification for Synthetic Bronze or Copper Alloy Castings
50	ASTM B462	Forged or rolled chromium, nickel, molybdenum, copper, niobium stabilized alloys for high temperature corrosion resistance (UNS No6030, UNS No 6022, UNS No 6200, UNS No 8020, UNS No 8024, UNS No 8026, UNS No 8367, UNS No 10276, UNS N10665,
51	ASTM B473	UNS No8020, No8026 and UNS No8024 nickel alloy rods and wires
52	ASTM B564	Standard Specification for Nickel Alloy Forgings
53	ASTM B584	Copper alloy sand castings for general purposes
54	ASTM E10	Brinell hardness test method for metallic materials

55	ASTM E 675	Standard Specification for Interchangeable Conical Grounding Plug Valves and Plugs
56	ASTM E 911	Glass tube stopcock with polytetrafluoroethylene (PTFE) plug
57	ASTM F885	Standard Specification for Outer Dimensions of Bronze Globe Valves with Nominal Diameter of NPS 1/4～2
58	ASTM F992	Standard Specification for Valve Nameplate
59	ASTM F993	Standard Specification for Valve Locking Device
60	ASTM F1030	Selection criteria for valve operating devices
61	ASTM F1098	Standard Specification for Outer Dimensions of Butterfly Valves with Nominal Diameters NPS2～24
62	ASTM F 1139	Steam trap and drain
63	ASTM F 1370	Pressure reducing valve for ship water supply system
64	ASTM F 1565	Standard Specification for Pressure Reducing Valves for Steam Equipment

65	ASTM F 1795	Standard Specification for Pressure Reducing Valves for Air or Nitrogen Systems
66	ASTM F 1985	Standard Specification for Pneumatically Operated Spherical Control Valve

API American Petroleum Institute Valve Standard

NO.	Standard code	Standard name
	API	
1	API 6A	Inspection and testing of wellhead water safety valves and underwater safety valves in offshore operations (including errata in December 1996)
2	API 6D	Pipeline valves (gate valves, plug valves, ball valves and check valves) (including Supplement 2 in December 1997 and errata in December 1998)
3	API 6FA	Fire resistance test of valves April 1994, version 3
4	API 6FC	Fire resistance test of valves with automatic back seats

5	API 6FD	Fire resistance test of check valve
6	API 14A	Technical specification for underwater safety valve equipment (ISO 10432:1999)
7	API 14B	Design, installation, maintenance and operation of underwater safety valve systems (including 1996 errata)
8	API 14H	Installation, maintenance and maintenance of safety valves and underwater shut-off valves on offshore platforms (including errata issued on September 23, 1996)
9	API 589	Evaluate the fire resistance test of stem packing
10	API 591	Refinery valve user acceptance
11	API 594	Disc type, disc type one lug and double flange check valve (ANSI/API Std 594-1993)
12	API 598	API Std 598-2004
13	API 599	Metal plug valve-flange type and butt welding connection type
14	API 600	Flange and butt welding connection steel spiral sealing bonnet and pressure sealing bonnet

15	API 602	Small steel gate valve with flange, thread, welding and straightened body end
16	API 603	Class 150 cast corrosion-resistant flange gate valve (ANSI/API Std 603-993)
17	API 607	Fire resistance test of soft seat right angle rotary valve (ANSI/API Std 607-1993)
18	API 608	Flange, screw and butt welding connection metal ball valve (ANSI/API Std 608-1995)
19	API 609	Double flange butterfly valve and lug one disc butterfly valve

BS EN British National Standard for Valves

NO.	Standard code	Standard name
	BS EN	
1	BS EN 287-1:1992/A1:1997	Welder qualification-welding part 1 steel

2	BS EN 288-1:1992/A1:1997	Qualification of Welding Procedures for Metallic Materials Part 1 General Rules for Fusion Welding
3	BS EN 288-2:1992/2A1:1997	Welding Procedure Qualification for Metallic Materials Part 2 Arc Welding Procedure Test
4	BS EN 288-3:1992/A1:1997	Qualification of Welding Procedures for Metallic Materials Part 3 Arc Welding Procedure Test for Steel
5	BS EN 331-1998	Manually operated ball valves and bottom taper plug valves for building gas supply equipment
6	BS EN 736-3:1999	Valve-Terminology Chapter 3 Definition of Terms
7	BS EN 816-1997	Bathroom faucet cock device, automatic shut-off valve PN10
8	BS EN 1074-3-2000	Water supply valves. Purpose requirements and the rationality of appropriate acceptance tests. Check valves
9	BS EN 1074-5-2001	Water supply valves. Tests for suitability and special requirements. Control valves
10	BS EN 1092-1:2002	Steel flange
11	BS EN 1171:2002	Industrial valves—cast iron gate valves

12	BS EN 1267:1999	Valves—use water as the test medium to test the flow resistance of the valve
13	BS EN 1333：1997	Definition and selection of PN for pipeline components
14	BS EN 1349:2000	Industrial process control valve
15	BS EN 1489-2000	Building valves. Pressure safety valves. Tests and requirements
16	BS EN 1491-2000	Building valves. Expansion valves. Tests and requirements
17	BS EN 1503-1:2000	Valves—materials of valve body, bonnet and cover plate Part 1 Steel grades specified in European standards
18	BS EN 1503-2:2000	Valves—materials of valve body, bonnet and cover plate Part 2 Steel grades not specified in European standards
19	BS EN 1503-3:2000	Valves—materials of valve body, bonnet and cover plate Part 3 Cast iron specified in European standards
20	BS EN 1515-1:2000	Flange and its connecting parts—bolts Part 1 Selection of bolts
21	BS EN 1567-2000	Building valves-pressure reducing valves and combination pressure reducing valves-requirements and tests

22	BS EN 1704-1997	Plastic piping systems. Thermoplastic valves. Test methods for valve integrity after temperature cycling under bending conditions
23	BS EN 1984：2000	Industrial valve-steel gate valve
24	BS EN 12050-4-2001	Wastewater lifting equipment for buildings and construction sites. Principles of manufacturing and testing. Non-return valves for waste water containing feces and feces
25	BS EN 12266-1-2003	Industrial Valves-Valve Test Part 1: Pressure Test, Test Procedure and Acceptance Standard-Mandatory Requirements
26	BS EN 12266-2-2002	Industrial Valves-Valve Test Part 2: Tests, Test Procedures and Acceptance Standards-Supplementary Requirements
27	BS EN 12288-2003	Industrial Valve-Copper Alloy Gate Valve
28	BS EN 12334：2001	Industrial valves—cast iron check valves
29	BS EN 12351：1999	Industrial valves—protective covers for flange-end valves
30	BS EN 12516-3-2002	Valve-Shell Design Strength Part 3: Experimental Method
31	BS EN 12560-1:2001	Flange and its connecting parts-gaskets for flanges (English)

32	BS EN 12560-2:2001	Part 1 Non-metallic flat gaskets with or without fillers Flange and its connecting parts—gasket for flange (imperial system)
33	BS EN 12560-3:2001	Part 2 Spiral Wound Gaskets for Steel Flanges Flange and its connecting parts—gasket for flange (imperial system)
34	BS EN 12560-4:2001	Chapter 3 Non-metallic polytetrafluoroethylene (PTFE) coated gaskets Flange and its connecting parts-gaskets for flanges (English)
35	BS EN 12560-5:2001	Chapter 4 Corrugated, flat or toothed metal gaskets with or without fillers for steel flanges

		Flanges and their connecting parts—gaskets for flanges (English)
36	BS EN 12569:1999	Chapter 5 Metal Ring Connection Gaskets for Steel Flanges Industrial valves—requirements and tests for valves used in the chemical and petrochemical processing industries
37	BS EN 12570:2000	Industrial valves-determine the size and method of operating elements
38	BS EN 12627:1999	Industrial valves—butt welded ends of steel valves
39	BS EN 12760:1999	Valve-socket welding end of steel valve
40	BS EN 12982:2000	Industrial valves—The (end-to-end and center-to-end) structure length of butt-welded end valves
41	BS EN 13397:2002	Industrial valves—diaphragm valves made of metal materials

42	BS EN 13648-1-2002	Condensation container. Anti-overpressure protection facility. Safety valve for condensing equipment
43	BS EN 13709-2003	Industrial Valves-Steel Globe Valves and Globe Check Valves
44	BS EN 13789-2003	Industrial Valve-Cast Iron Ball Valve
45	BS EN 13828-2003	Building valves. Manual copper alloy and stainless steel ball valves for drinking water supply in buildings. Tests and requirements
46	BS EN 13953-2003	Movable pressure relief valve that can fill gas cylinders for liquefied petroleum gas (LPG)
47	BS EN 28233-1992	Torque test method for thermoplastic valves
48	BS EN 28659-1992	Thermoplastic valves-fatigue strength-test methods
49	BS EN 60534-2-1-1999	Industrial process control valve. Flow capacity. Liquid flow scale equation under installation conditions
50	BS EN 60534-2-3-1998	Industrial process control valves. Flow rates. Test procedures
51	BS EN 60534-2-5-2003	Industrial process control valves. Flow capacity. Calibration formula for fluid flow through multi-stage control valves with inter-stage recovery function

52	BS EN 60534-3-1-2000	Industrial process control valves. Dimensions. Face-to-face dimensions of two-way, ball, and vertical control valves with flanges and two-way, ball, and angle control valves with flanges
53	BS EN 60534-3-2-2001	Industrial process control valves. Dimensions. End face distance of rotary control valves other than butterfly valves
54	BS EN 60534-3-3-1998	Industrial process control valves. Dimensions. Butt welding, two-way, spherical, vertical mode control valve end-to-end size
55	BS EN 60534-6-1-1998	Industrial process control valves. Installation components for connecting control valve regulators. Installation of regulators on linear actuators
56	BS EN 60534-6-2-2001	Industrial process control valves. Installation instructions for positioners installed on control valves. Positioners installed on rotary transmission devices
57	BS EN 60534-8-1-2001	Industrial process control valves. Noise problems. Laboratory measurement of dynamic noise through control valves
58	BS EN 60534-8-3-2000	Industrial process control valves. Noise problems. Aerodynamic noise forecasting methods for control valves
59	BS EN 60534-8-4-1994	Industrial process control valves. Part 8: Noise problems. Section 4. Prediction of noise generated by flow
60	BS EN ISO 5211：2001	Industrial valves—part-turn actuator accessories
61	BS EN ISO 10432-2000	Petroleum and natural gas industry. Downhole equipment. Underground safety valve equipment

62	BS EN ISO 14723:2002	Petroleum and natural gas industry-pipeline transmission system-subsea pipeline valve
63	BS EN ISO 15761-2003	Steel gate valves, ball valves and check valves in sizes DN 100 and smaller for the oil and gas industry
64	BS ISO 4401-1996	Hydraulic transmission. Four-port directional control valve. Assembly surface
65	BS ISO 5599-1-2001	Pneumatic and hydraulic. Five-way directional control valve. Mounting interface surface without electrical connector
66	BS ISO 5599-2-2001	Pneumatic hydraulic. Five-way directional control valve. Optional electrical connector installation interface surface
67	BS ISO 5781-2000	Hydraulic transmission. Pressure reducing valve, sequence valve, unloading valve, throttle valve and check valve. Mounting surface
68	BS ISO 6263-1997	Hydraulic transmission. Compensating flow control valve. Assembly surface
69	BS ISO 6264-1998	Hydraulic transmission. Pressure reducing valve. Assembly surface
70	BS ISO 7790-1998	Hydraulic transmission. Standard design stack valve with four ports and four port directional control valve with specifications of 03 and 05. Tightening dimensions
71	BS ISO 10770-1-1998	Hydraulic transmission. Electric mode hydraulic control valves. Part 1: Test methods for four-way flow control valves

72	BS ISO 10770-2-1998	Hydraulic transmission. Electric mode hydraulic control valves. Part 2: Test methods for three-way flow control valves
73	BS ISO 11727-1999	Pneumatic fluid mechanics. Control valves and other components of control mechanisms and valve identification
74	BS ISO 12238-2001	Pneumatic and hydraulic. Direction control valve. Measurement of conversion time
75	BS ISO 15218-2003	Pneumatic hydraulic transmission. 3/2 solenoid valve. Installation interface surface
76	BS ISO 15407-1-2000	18mm and 26mm five-port pneumatic directional control valve. Installation interface without electric plug
77	BS ISO 15407-2-2003	Pneumatic transmission. Five-port directional control valve, specifications 18mm and 26mm. Installation interface with optional electrical connectors
78	BS 970T4-1970	Valve steel
79	BS 1010-2-1973	Specification for discharge cock and shut-off (spinning) valve for water supply and drainage facilities. Part 2: Discharge cock and shut-off valve for ground use
80	BS 1123-1976	Safety valves, instruments and other safety accessories for gas storage tanks and air pressure equipment
81	BS 1123-1-1987	Safety valves, meters and fusible plugs for compressed air or inert gas installations. Part 1: Installation instructions

82	BS 1212-1979	Fixed ball valve (Portsmouth type)
83	BS 1414-1975	Specification for steel wedge gate valve (with flange and butt welding end) for petroleum, petrochemical and similar industries
84	BS 1415-1975	The first part of the batching valve Non-constant temperature and no compensation batching valve
85	BS 1552-1995	Specification for manual shut-off valves for type 1, type 2 and type 3 gas
86	BS 1570	Flange and butt-welded steel plug valves for the petroleum industry (excluding wellhead valves and self-blow valves)
87	BS 1655-1980	Structural length of automatic regulating valve with flange connection for petroleum industry
88	BS 1735	Petroleum industry Use 125-pound class 1.5″-24″ flange connection rising rod wedge cast iron gate valve
89	BS 1868	Petroleum, petrochemical and related industries with flanges and butt-welded connection steel check valves
90	BS 1873-1975	Petroleum, petrochemical and related industries with flanges and butt welding connection steel globe valves and check valves
91	BS 1952	General purpose copper alloy gate valve

92	BS 1953	Commonly used copper alloy check valve
93	BS 1968	Copper alloy float ball valve
94	BS 2060	Generally use threaded connection copper alloy globe valve
95	BS 2080-1974	Structural length of flanges and butt-welded connection valves for petroleum, petrochemical and related industries
96	BS 2591 PT.1	Terminology for valves and valve parts Part 1: Globe valves, check valves and gate valves with internal threaded connections
97	BS 2591 PT.2	Terminology of Valves and Valve Parts Part 2: Safety Valves and Safety Valves
98	BS 2591PT.3	Terminology for valves and valve parts Part 3: Plug valves
99	BS 2591PT.4	Terminology of Valves and Valve Parts Part 4: Butterfly Valves
100	BS 2591PT.5	Terminology of Valves and Valve Parts Part 5: Ball Valves
101	BS 2995	Cast steel and forged steel gate valves, globe valves, check valves and plug valves with threaded and socket welded connections of less than 2″ in the petroleum industry

102	BS 3457-1973	Specification for gasket material for faucet and shut-off valve seat
103	BS 3464	General purpose cast iron gate valve
104	BS 3808	Cast steel and forged steel wedge gate valves with flanges, threaded and socket welded connections less than 2″ for the petroleum industry
105	BS 3948	Parallel gate valve made of cast iron for general use
106	BS 3952	General purpose cast iron butterfly valve
107	BS 3961	Commonly threaded cast iron globe valves and globe check valves
108	BS 4062T-1982	Hydraulic control valve test
109	BS 4090	Generally used cast iron check valve
110	BS 4133	Generally flanged steel parallel gate valve
111	BS 4151-1967	Evaluation method of pneumatic valve positioner with input signal of 3 to 15 lb/in (pressure gauge)

112	BS 4312	Steel globe valves and globe check valves generally connected by flanges
113	BS 4460	Steel ball valve for petroleum industry
114	BS 5146-1984	Inspection and testing of steel valves for petroleum, petrochemical and related industries
115	BS 5150-1974	Generally used cast iron wedge single gate or double gate valve
116	BS 5151-1974	Parallel gate valve made of cast iron for general use
117	BS 5152-1974	Generally used cast iron globe valve and globe check valve
118	BS 5153-1974	Generally used cast iron check valve
119	BS 5154-1974	Generally use copper alloy globe valves, globe check valves, check valves and gate valves
120	BS 5155-1974	General purpose cast iron and carbon steel butterfly valves
121	BS 5156-1985	Diaphragm valve for general use

122	BS 5157-1984	General purpose steel parallel gate valve
123	BS 5158-1989	Cast iron plug valve
124	BS 5159-1974	Cast iron and carbon steel ball valves for general use
125	BS 5160-1974	Generally used flanged steel globe valves, globe check valves and lift check valves
126	BS 5163-1986	Technical conditions of gate valve for water supply system
127	BS 5351-1976	Steel ball valves for petroleum, petrochemical and related industries
128	BS 5352-1981	Wedge steel valves, ball valves and check valves of less than 50mm for petroleum, petrochemical and related industries
129	BS 5353-1989	Technical specifications for plug valves
130	BS 5417-1976	General industrial valve test
131	BS 5418-1979	Symbols for general industrial valves

132	BS 5433-1980	Technical specification for underground gate valve for water supply
133	BS 5793-4-1987	Industrial process control valves. Part 4: Inspection and routine test specifications
134	BS 5793-5-1984	Industrial process control valves. Part 5: Marking specifications
135	BS 5944-4-1984	Measurement of air noise generated by hydraulic power systems and components. Part 4: Measurement method of sound power level of flow and pressure control valves
136	BS 6023-1980	Vocabulary of technical terms for automatic traps
137	BS 6283-2-1991	Safety and control devices used in hot water systems. Pressure range from 1bar to 10bar temperature relief valve specification
138	BS 6283-4-1991	Safety and control devices used in hot water systems. Part 4: The maximum supply pressure is 12bar, and the standard size includes DN50 micro tension pressure reducing valve specifications
139	BS 6364-1984	Low temperature valve
140	BS 6494-4-1989	The mounting surface of hydraulic valves. Part 4: Specification for clamping dimensions of four-hole assembly exhaust valves, modular valve and directional control valves of 03 and 05 specifications
141	BS 6683-1985	Valve installation and use

142	BS 6755-1986	Part 1: Valve test Product pressure test requirements
143	BS 6755-1987	Part 2: Valve test and fire resistance test requirements
144	BS 6759-1-1984	Safety valves. Part 1: Specification for safety valves for steam and hot water
145	BS 6759-2-1984	Safety valves. Part 2: Specification for safety valves for inert gas or compressed air
146	BS 6759-3-1984	Safety valves. Part 3: Specification for safety valves for working fluids
147	BS 7438-1991	Specification for spring-loaded steel and copper alloy single-disc compression check valves
148	BS 7461-1991	Specification for electric automatic gas shut-off valve with flow regulator, closed circuit switch indication, closed position indicator switch or gas flow control
149	BS/MA 65-76Pt.10	Butterfly valve
150	BS/MA 65-76Pt.11	Diaphragm valve
151	prEN 593-2003	Industrial Valve Metal Butterfly Valve

152	prEN 13327-1998	Industrial valves Thermoplastic check valves
153	prEN 13959-2000	Anti-pollution control valve with nominal pressure from DN6 to DN250 (including DN250) E Group A, B, C and D type
154	prEN 14071-2000	Pressure reducing valve for liquefied petroleum gas (LPG) tanks and auxiliary equipment
155	prEN 45512-1994	Purchasing Guide Piping systems and valves Boiler and high-pressure pipeline valves including safety valves
156	prEN 60534-4-1998	Industrial Process Control Valve “Part 4: Inspection and Routine Test” Draft
157	prEN ISO 4126-1-2003	Safety device to prevent overpressure protection Part 1: Safety valve
158	prEN ISO 4126-4-2003	Safety equipment to protect extra pressure” Part 4: Pilot operating safety valve
159	PrEN ISO 10434-2002	Bolt cap steel gate valve for oil and gas industry
160	prEN ISO 16135-2001	Industrial valve Thermoplastic material ball valve
161	prEN ISO 16136-2001	Industrial valve Thermoplastic material butterfly valve

162	prEN ISO 16138-2001	Industrial valve Thermoplastic diaphragm valve
163	PrEN ISO 16139-2000	Industrial valve gate valve made of thermoplastic material
164	prEN ISO 17292-2002	Metal ball valves for petroleum, petrochemical and related industries
165	prEN ISO 21787-2001	Industrial Valve Thermoplastic Ball Valve
166	EN 19-2002	Industrial Valve-Metal Valve Sign
167	EN161-2001	Automatic shut-off valve for gas burners and gas appliances
168	EN 1349-2000+AC-2001	Industrial Process Control Valve
169	EN 12094-13-2001+AC-2002	Fixed fire-fighting system “Parts of gas fire extinguishing system” Part 13: Requirements and test methods for non-return valves and non-return valves
170	EN 12288-2003	Industrial valves Copper alloy gate valves
171	EN 12334-2001	Industrial valve cast iron check valve

172	EN 13709-2002	Industrial valves Steel ball and ball check valves
173	EN 13789-2002	Industrial Valve Cast Iron Globe Valve
174	EN 26553-1991	Automatic steam trap logo
175	EN 26554-1991	Flange connection automatic steam trap structure length
176	EN 26704-1991	Automatic steam trap classification
177	EN 26948-1991	Automatic steam trap product test and performance test
178	EN 27841-1991	Measurement of air leakage of automatic steam trap valve
179	EN 27842-1991	Automatic steam trap valve drainage measurement
180	EN 60534-1-1993	Industrial Process Control Valve “Part 1” Control Valve Terminology and General Considerations
181	EN 60534-3-2-2001	Industrial Process Control Valves” Part 3: Dimensions” Section 2: Flangeless control valves (except thin butterfly valves) end face spacing dimensions

182	EN 60534-8-2-1993	Industrial Process Control Valves “Part 8″ Noise Considerations” Section 2 Laboratory Measurements of Noise Generated by Fluid Passing Control Valves

DIN German National Standard for Valves

NO.	Standard code	Standard name
	BS EN	
1	DIN 477-4-1982	Cylinder valve. Lightweight check valve for bottleneck of gas storage
2	DIN 2527:1992	Flange cover (PN=0.5-10.0MPa)
3	DIN 2543-2549:1997	Cast steel integral flange (PN=1.6-25.0MPa)
4	DIN 2566:1975	Threaded flange (PN=1.0, 1.6MPa)

5	DIN 2573:1975	Plate flat welding flange (PN=0.6-1.0MPa)
6	DIN 2576:1975	Plate flat welding flange (PN=0.6-1.0MPa)
7	DIN 2628-2629：1975	Neck welding flange (PN=0.25-25.0MPa)
8	DIN 2633-2637）	Cast iron flange
9	DIN 2638-1975	Neck welding flange (PN=0.25~25.0MPa)
10	DIN 2641-1975	Flanging ring plate loose flange (PN=0.6,1.0MPa)
11	DIN 2642-1975	Flanging ring plate loose flange (PN=0.6,1.0MPa)
12	DIN 2655-1975	Flat welded ring plate type loose flange (PN=0.25-4.0MPa)
13	DIN 2656-1975	Flat welded ring plate type loose flange (PN=0.25-4.0MPa)
14	DIN 2673-1975	Neck butt weld ring plate loose flange (PN=1.0-MPa)

15	DIN 3160-1974	Coolant circulation through stop valve with a nominal pressure of 25
16	DIN 3161-1974	Coolant circulation angular stop valve with nominal pressure of 25
17	DIN 3163-1974	Coolant circulation straight-through regulating valve with a nominal pressure of 25
18	DIN 3202-1977	Valve structure length-Part 1: Flange connection valve
19	DIN 3202-1982	Valve structure length-Part 2: Welded connection valve
20	DIN 3202-1979	Valve structure length-Part 3: Wafer connection valve
21	DIN 3202-1977	Valve structure length-Part 4: Internal thread connection valve
22	DIN 3202-1982	Valve structure length-Part 5: Pipe thread connection valve
23	DIN 3211-1977	Definition of pipeline valve
24	DIN 3230-1974	Part 1: Technical Conditions of Valve Supply—Consultation, Ordering and Supply

25	DIN 3230-1974	Part 2: Technical Conditions of Valve Supply—General Requirements
26	DIN 3230-1975	Part III: Technical Conditions of Valve Supply-Test Summary
27	DIN 3230-1977	Part 4: Technical Conditions of Valve Supply—Requirements and Inspection of Valves for Drinking Water Equipment
28	DIN 3230-1981	Part 5: Technical Conditions of Valve Supply—Requirements and Inspections of Stop Valves for Gas Pipelines and Gas Equipment
29	DIN 3247-1985	Without check valve. Suction filter with flange
30	DIN 3248-1985	No check valve. Suction filter with internal thread connection
31	DIN 3249-1985	With check valve. Internal thread connection suction filter (foot valve)
32	DIN 3259-1985	Flange suction filter with check valve (foot valve)
33	DIN 3269-1-1988	Pipe fittings for drinking water installations in lots and buildings. Check valve PN10. Requirements
34	DIN 3269-2-1988	Pipe fittings for drinking water installations in lots and buildings. Check valve PN10. Inspection

35	DIN 3320-1983	Safety valve concept, size determination, marking
36	DIN 3352-1979	Part 1: General requirements for gate valves
37	DIN 3352-1979	The second part: Cast iron metal sealed concealed stem gate valve
38	DIN 3352-1980	Part 3: Cast iron metal sealed rising stem gate valve
39	DIN 3352-1980	Part 4: Cast iron soft-seal concealed stem gate valve
40	DIN 3352-1980	Part VIII: Rising stem type low temperature resistant steel valve
41	DIN 3354-1982	Part 4: Butterfly Valve General Situation
42	DIN 3356-1982	Part 1: General requirements for valves
43	DIN 3356-1-1982	Butterfly valve. General data
44	DIN 3356-1982	Part 2: Cast iron globe valve

45	DIN 3356-1982	Part Three: Alloy Steel Globe Valve
46	DIN 3356-1982	Part 4: Heat-resistant steel globe valve
47	DIN 3356-1982	Part Five: Stainless Steel Globe Valve
48	DIN 3388-1978	Part 1: Waste gas valve for thermal control gas stove
49	DIN 3388-1979	Part 2: Waste gas valve for mechanically controlled gas stove
50	DIN 3392-1971	Gas pressure regulating valve for gas consuming equipment
51	DIN 3394-3-2004	Automatic control valve. Part 3: Class 0 pressure reducing safety valve with a pressure of 4 bar and below
52	DIN 3399-1986	Low pressure shut-off valve-safety technical requirements and inspection
53	DIN 3430-1986	Valves for gas supply equipment Angle type globe valve
54	DIN 3431-1986	Valve for air supply equipment Angle screw connection ball valve

55	DIN 3432-1986	Valves for air supply equipment Straight through spiral ball valves
56	DIN 3441-3-1984	
57	DIN 3441-1977	Part 2: Valve size of rigid polyvinyl chloride
58	DIN 3441-1977	Part 3: Valves made of rigid polyvinyl chloride Diaphragm valve dimensions
59	DIN 3441-1981	Part 4: Dimensions of the valve made of hard polyvinyl chloride
60	DIN 3441-5-1984	Non-plasticized PVC pipe fittings. Compression check valves PN6 and PN10. Dimensions
61	DIN 3532-1981	Pipe fittings for gas installations. Globe valves
62	DIN 3538-1986	Gas fittings. Check valves. Female threaded joints
63	DIN 3546-1-2002	Shut-off valves for water supply installations in buildings. Part 1: Manual piston type door valves for drain valves, gate valves and diaphragm valves, general requirements and inspections for shut-off valves and pistons. DV
64	DIN 3548-1-1993	With flange and trap

65	DIN 3680-1976	System and definition of traps
66	DIN 3684-1977	The connection size of the trap with a threaded connection at the inlet of the trap and a threaded sleeve at the outlet
67	DIN 3841-1981	Heating valve, heater valve, nominal pressure PN0.1～1.6MPa
68	DIN 3844-1981	Heating equipment valve PN1.6MPa copper alloy brake valve thrust screw
69	DIN 3845-1981	Heating equipment valve PN1.6MPa copper alloy check valve thrust screw
70	DIN 4056-1992	Water pipes. Road covers for underground stop valves on streets. DVGW technical specifications
71	DIN 4817-1-1981	Stop valve for liquid gas. Concept. Safety technical requirements. Inspection. Marking
72	DIN 5589-1990	Compressed air devices for rail vehicles. Safety valves. Installation and connection dimensions. Requirements
73	DIN 5593-1994	Compressed air devices for rail vehicles. Check valves. Installation and connection dimensions
74	DIN 5594-1994	Compressed air devices for rail vehicles. Double check valves. Installation and connection dimensions

75	DIN 11832-1-1990	Farm and livestock breeding equipment. Valves and fittings for pipelines conveying liquid manure. Static pressure gate valves up to 1 bar
76	DIN 17480-1984	Technical delivery conditions for valve materials
77	DIN 25418-1976	Materials, manufacturing and testing of valves in atomic equipment
78	DIN 32730-1993	Control valves with safety functions for water and steam in heating installations. Safety technical requirements and inspections
79	DIN 42568-1982	Transformers. Gate valves with nominal inner diameters of 15 and 32 for taking oil samples and draining oil
80	DIN 58362-7-2002	Infusion. Infusion set and accessories. Part 7: Check valve
81	DIN 58600-2003	Respiratory protector. The plug connection between the self-adjusting oxygen demand oxygen regulating valve for the German fire brigade and the mask of an independent open-circuit compressed air respirator
82	DIN 74279-1977	Relief valve of compressed air brake system
83	DIN 74280-1998	Air brake system. Check valve
84	DIN 83409-1987	Airtight ventilation valve

85	DIN 85003-3-1997	Technical delivery conditions for pipe fittings for shipbuilding. Part 3: Butterfly valves
86	DIN 85003-4-1997	Technical delivery conditions for pipe fittings for shipbuilding. Part 4: Globe valves
87	DIN 85003-5-1997	Technical delivery conditions for pipe fittings for shipbuilding. Part 5: Stop check valve
88	DIN 85003-6-1997	Technical delivery conditions for pipe fittings for shipbuilding. Part 6: Manual shut-off valves
89	DIN 85003-7-1997	Technical delivery conditions for shipbuilding pipe fittings. Part 7: Diaphragm valves
90	DIN 86066-2002	Cast steel welded elbow for check valve. DN50 to 150, PN10 flange joint
91	DIN 86251-1998	DN15 to 500 flanged globe valve made of cast iron for shipbuilding
92	DIN 86252-1998	Cast iron lockable check valve with flange DN15 to 500 for shipbuilding
93	DIN 86254-2000	Ship and shipbuilding technology. Ultra-light globe valve DN32-DN125 (PN10)
94	DIN 86259-2000	Ship and shipbuilding technology. Ultra-light flange gate valve DN32-DN125 (PN10)

95	DIN 86260-1998	Gunmetal globe valve with flange DN15 to 500 for shipbuilding
96	DIN 86261-1998	Gunmetal lockable check valve with flange DN15 to 500 for shipbuilding
97	DIN 86262-1974	DN20～300mm, PN1.6MPa gunmetal flange connection type non-stop check valve
98	DIN 86266-2002	Ships and marine technology. Ultra-light flanged globe valves clamped by hand and flanged
99	DIN 86500-1968	Overview of globe valves and gate valves for marine threaded connections
100	DIN 86510-1973	Gunmetal threaded bonnet globe valve with non-welded annular bushing type joint
101	DIN 86511-1973	Gunmetal threaded bonnet globe valve with brazed 25° tapered bushing sleeve joint
102	DIN 87101-1975	Vertical type. Nominal width 50-150. Nominal pressure 1. Self-closing check valve. Flange connection that meets the nominal pressure
103	DIN 87102-1975	DIN87101 check valve housing
104	DIN 87103-1975	DIN87101 check valve cover

105	DIN 87104-1975	Valve insert for DIN87101 check valve
106	DIN 87105-1975	Locking screw with shoulder for DIN87101 check valve
107	DIN 87106-1975	Positioning device for DIN87101 check valve
108	DIN 87107-1975	Flat washer for DIN87101 check valve
109	DIN 87901-2001	Two-way safety valve for pump
110	DIN EN 1074-3-2000	Valves for water supply. Applicability requirements and special inspection tests. Part 3: Check valves
111	DIN EN 1074-5-2001	Water supply valves. Applicability requirements and adaptation tests. Part 5: Control valves
112	DIN EN 1171-2003	Industrial valves. Cast iron gate valves
113	DIN EN 1213-1999	Building valves. Copper alloy shut-off valves for drinking water supply in buildings. Tests and requirements
114	DIN EN 1349-2000	Industrial process control valve

115	DIN EN 1489-2000	Building valves. Pressure safety valves. Tests and requirements
116	DIN EN 1491-2000	Building valves. Expansion valves. Tests and requirements
117	DIN EN 1567-2000	Building valves-water pressure reducing valves and combined water pressure reducing valves-requirements and tests
118	DIN EN 1643-2001	Valve inspection system for automatic shut-off valves for gas burners and gas appliances
119	DIN EN 12094-13-2001	Stationary fire fighting systems. Components for gas fire extinguishing systems. Part 13: Requirements and test methods for check valves and non-check valves
120	DIN EN 12334-2001	Industrial valves. Cast iron control valves
121	DIN EN 13397-2002	Industrial valves. Diaphragm valves made of metal materials
122	DIN EN 13648-1-2002	Condensation vessels. Protection against overpressure. Part 1: Safety valves for condensing equipment
123	DIN EN 13709-2003	Industrial valves. Steel ball valves, ball globe valves and check valves
124	DIN EN 13953-2003	Pressure reducing valve for transportable refillable cylinders for liquefied petroleum gas (LPG)

125	DIN EN 26554-1991	Flange connection traps. Structural length (ISO6554-80)
126	DIN EN 26704-1991	Automatic trap. Classification
127	DIN EN 26948-1991	Automatic trap. Production inspection and performance characteristic inspection. (ISO6948-81)
128	DIN EN 27841-1991	Automatic traps. Determination of steam loss. Inspection methods. (ISO7841-88)
129	DIN EN 27842-1991	Automatic traps. Flow measurement. Test methods. (ISO7842-88)
130	DIN EN 60534-1-1995	Industrial process control valves. Part 1: Control valve terms and general principles
131	DIN EN 60534-2-1-2000	Industrial process control valves. Part 2-1: Flow capacity. The dimensional equation of fluid flow under installation conditions
132	DIN EN 60534-2-3-1998	Industrial process control valves. Part 2-3: Flow. Inspection methods
133	DIN IEC 60534-2-4-1990	Industrial process control valve. Part 2: Flow capacity. Section 4: Intrinsic flow characteristic line and adjustment ratio relationship
134	DIN EN 60534-3-1-2000	Industrial process control valves. Part 3-1: Dimensions. Face-to-face dimensions of two-way ball type vertical control flange valves and the center of two-way ball type angle control flange valves

135	DIN EN 60534-3-2-2002	Industrial process control valves. Part 3-2: Dimensions. Dimensions of end face spacing for flangeless control valves (except thin butterfly valves) (IEC60534-3-2:2001)
136	DIN EN 60534-3-3-2000	Industrial process control valves. Part 3-3: Dimensions. Butt welded butt joint size, two ways, ball type, right angle type control valve
137	DIN IEC 60534-5-1984	Industrial process control valves. Part 5: Marking
138	DIN EN 60534-6-1-1998	Industrial process control valves. Part 6: Installation details for fixing the position regulator of the regulating valve drive. Section 1: Installation of the position regulator on the stroke drive
139	DIN EN 60534-6-2-2001	Industrial process control valves. Part 6-2: Installation rules for positioners installed on control valves. Positioners installed on rotary transmission devices
140	DIN IEC 60534-7-1992	Industrial process control valves. Part 7: Data sheet
141	DIN EN 60534-8-1-2001	Industrial process control valves. Part 8: Noise issues. Section 1: Laboratory measurement of noise generated by aerodynamic flow through the control valve
142	DIN EN 60534-8-2-1994	Industrial process control valves. Part 8: Noise issues. Section 2: Laboratory measurement of noise generated by hydraulic flow through the control valve
143	DIN EN 60534-8-3-2001	Industrial process control valves. Part 8-3: Noise problems. Control valve aerodynamic noise prediction method
144	DIN EN 60534-8-4-1995	Industrial process control valves. Part 8: Noise state. Section 4. Prediction of noise generated by flow

145	DIN ISO 5599-1-1998	Pneumatic and hydraulic. Five-way directional control valve. Part 1: Mounting interface surface without electrical connections
146	DIN ISO 6553-1981	Automatic trap. Sign
147	DIN ISO 15407-1-2003	Pneumatic transmission. Five-port directional control valve, specifications 18mm and 26mm. Part 1: Mounting surface without electrical connectors
148	DIN EN ISO 10432-2000	Petroleum and natural gas industry. Downhill tunnel equipment. Underground safety valve specification
149	DIN EN ISO 15761-2003	Steel gate valves, ball valves and check valves for the oil and gas industry with specifications of DN100 and smaller

rOCT Former Soviet Union National Standard for Valves

NO.	Standard code	Standard name
	rOCT	

1	rOCT – 3326 – 86	Stop valve, lift and swing check valve structure length
2	rOCT – 3706 – 83	Flange connection or welded cast gate valve structure length
3	rOCT – 5548 – 70	Steel angle type full open main safety valve
4	rOCT – 5761 – 74	Technical conditions of PN 4 250kg£/cm2 globe valve
5	rOCT – 5762 – 74	PN 4 25056£/9:2 gate valve technical conditions
6	rOCT – 8437 – 75	#!105″/9:2 cast iron flange connection rising stem parallel gate valve
7	rOCT – 9919 – 75	PN10 and 40kg^cm2 cast iron flange connection concealed rod wedge gate valve
8	rOCT – 10019 – 74	PN16kgf/cm2 steel flange connection micro-open spring safety valve
9	rOCT – 10042 – 75	PN25kgf/cm2 cast iron dark rod gate valve
10	rOCT – 10094 – 75	PN25kgf/cm2 straight-through and angle-type globe valve for ammonia

11	rOCT – 10194 – 78	PN16kg£/cm2 steel flange connection rising rod wedge gate valve
12	rOCT – 10371 – 77	PN25kgf/cm2 steel flange connection foot valve
13	rOCT – 10421 – 75	PN10kgf/cm2 steel globe valve
14	rOCT – 10640 – 75	PN320kgf/cm2RN3~125mm flange connection angle globe valve
15	rOCT – 10738 – 76	Type and basic dimensions of PN25kgf/cm2 steel flange connection or welding rising rod wedge gate valve
16	rOCT – 10819 – 75	Grey cast iron and malleable cast iron threaded bonnet for PN10 and 16kg£/cm2 lift check valve Structural ruler
17	rOCT – 10821 – 75	Bolted bonnet structure of malleable cast iron for PN25 and 140kg£/cm2 lift check valve
18	rOCT – 11471-72	General purpose pipeline accessories, g25kgf/cm2 with threaded bonnet, malleable cast flange connection globe valve
19	rOCT – 11823-74	!N25kgf/cm2 gray cast iron and malleable cast iron lift check valve technical conditions
20	rOCT – 12010 – 75	!N4kgf/cm2 malleable cast iron flange connection rising rod wedge type double gate valve structure size

21	rOCT – 12154 – 74	PN1kgf/cm2 brass unfilled straight-through plug valve
22	rOCT – 12532 – 79	Direct acting safety valve type and basic parameters
23	rOCT – 12674 – 73	!Brass diaphragm globe valve for N16kg/cm2 Freon
24	rOCT – 12678 – 80	Basic parameters of pressure regulating valve
25	rOCT – 12815 – 80	Flange fit, type, connection size and sealing surface size for valves and pipes with pressure from 0.1 to 20MPa
26	rOCT – 12816-80	General technical requirements for flanged valves and pipelines with pressure from 0.1 to 20 MPa
27	rOCT – 12848 – 76	!N4kgf/cm2 Bellows Angle Globe Valve
28	rOCT – 13547 – 79	PN16kgf/cm2 butterfly valve
29	rOCT – 14189-81	Design length of plug valve
30	rOCT – 14715 – 77	Basic parameters of manual through stop valve

31	rOCT – 14716 – 77	Basic parameters of electric through globe valve
32	rOCT – 16155 – 70	PP01kg£/cm2 Brass Straight Through Plug Valve with Spring for Gas Pipeline
33	rOCT – 16324 – 83	Pneumatic diaphragm drive cast iron diaphragm regulating valve
34	rOCT – 18162-72	PN16kgf/cm2 malleable cast iron internal thread connection globe valve
35	rOCT – 18163-72	PN25 and 40kg^cm2 malleable cast iron flange connection globe valve
36	rOCT – 18581 -73	PN40kgf/cm2 corrosion-resistant steel single flap swing check valve
37	rOCT – 18584 – 73	P$160kg£/cm2 steel single flap swing check valve
38	rOCT – 19500 – 74	PG16kg£/cm2 thread and flange connection gray iron lift check valve
39	rOCT – 19501 – 74	P%16, 25kgf/cm2 threaded and flanged malleable cast iron lift check valve
40	rOCT – 19827 – 74	PN10 and 16kg£/cm2 cast iron single swing check valve

41	rOCT – 19192 – 74	P”40kgf/cm2 flange and welding connection stop valve
42	rOCT – 19193 – 73	!”10kgf/cm2 cast iron flange or threaded connection with filler straight-through plug valve
43	rOCT – 20294 – 74	Pg 16kgf/cm2 flange connection acid-resistant steel valve
44	rOCT – 20336 – 74	P#25kg^cm2 concealed rod wedge gate valve
45	rOCT – 20770 – 75	Pg40kg£/cm2 steel flange connection and welding connection lift check valve
46	rOCT – 22222 – 76	Basic parameters of sealing valve
47	rOCT – 22513 – 77	Basic parameters of check valve
48	rOCT – 23229 – 78	Py = 4MPa (40kg£/cm2) corrosion-resistant steel globe valve technical conditions
49	rOCT – 23230 – 78	Pg 16kg£/cm2 steel globe valve
50	rOCT – 23866 – 87	Basic parameters of single-seat and double-seat cage control valves

51	rOCT – 25923 – 89	Basic parameters of butterfly control valve

NF French National Standard for Valves

NO.	Standard code	Standard name
	NF	
1	E29 -306-83	Valve terms and definitions
2	E29 – 312 – 84	Industrial valves, the definition, calculation and actual measurement methods of valve flow and flow resistance coefficient
3	E29 – 323 – 85	Industrial valve-Flange connection cast iron gate valve ISO P”10, 16 for ground facilities
4	E29 – 324 – 89	Industrial valve-Flange connection cast iron gate valve for underground installations

5	E29 – 327 – 85	Industrial valve cast steel gate valve ISO PN16, 20, 25, 40, 50, 100
6	E29 – 328 – 89	Industrial valve-forged steel or forged welded gate valve
7	E29 – 332 – 75	Industrial valve copper alloy threaded connection gate valve PN10
8	E29 – 335 – 75	Industrial Valve Flange Connection Jacketed Stainless Steel Gate Valve Series P”6~ 160
9	E29 – 337 – 75	Industrial valve one ISO bar series, nominal pressure PN10-64 flange connection, jacket stainless steel gate valve
10	E29 – 350 – 87	Industrial Valve-Technical Specification for Steel Globe Valves (and Throttle Valves)
11	E29 – 354 – 87	Industrial valve a cast iron globe valve (and other forms of globe valve) technical conditions
12	E29 – 358 – 87	Industrial valve-flange connection steel globe valve and lift check valve nominal pressure! “64 a 100
13	E29 – 359 – 73	Industrial valve-flange connection steel globe valve and lift check valve nominal pressure PN100
14	E29 – 371 – 84	Industrial valve-flange connection iron swing check valve ISO! “10, 16, 25, 40, 20FT, 50FT

15	E29 – 373 – 84	Industrial valve flange connection steel swing check valve ISO! “16, 20, 25, 40, 50, 100
16	E29 – 376 – 81	Industrial valve flange connection steel swing check valve! “100
17	E29 – 410 – 90	Technical term definition of industrial valve safety valve
18	E29-411-88	Industrial valve safety valve general design, displacement calculation, test, marking, package
19	E29 – 412 – 90	Industrial valve safety valve performance and displacement test
20	E29-413-89	Calculation method of industrial valve safety valve displacement
21	E29 – 414 – 84	The relationship between industrial valve safety valve structure length and temperature and pressure
22	E29 – 415 – 90	Valve safety valve G2 type safety valve gas volume equal to the calculation of flow
23	E29 – 420 – 85	Safety valve technical specifications and reliability certification
24	E29 – 430 – 89	Technical specifications for general butterfly valves for industrial valves

25	E29-431 -88	Specification for butterfly valves for underground pipelines
26	E29 – 444 – 84	Steam Leakage Test of Automatic Steam Traps
27	E29 – 470 – 89	Industrial valve-steel ball valve, specifications
28	M87 – 150 – 80	Petroleum industry-the maximum allowable working pressure of valves and flanges at different temperatures
29	M87 – 401 – 73	Test and acceptance inspection of valves for petroleum industry
30	E29 – 307 – 89	
31	E29-313-90	
32	E29 – 350 – 87	
33	E29-311-89	

JIS Valve Japanese National Standard

NO.	Standard code	Standard name
	JIS	
1	JIS-B0100-70	Valve terminology
2	JIS-B2001 – 87	Nominal diameter and caliber of valve
3	JIS-B2002 – 87	Structural length of the valve
4	JIS-B2003 – 87	General inspection rules for valves
5	JIS-B2004 – 87	Valve marking rules
6	JIS-B2005 – 87	Valve flow coefficient test method
7	JIS-B2011-88	Bronze gate valve, globe valve, angle valve and check valve

8	JIS-B2031 – 86	Grey cast iron valve
9	JIS-B2032 – 87	Wafer type rubber seat butterfly valve
10	JIS-B2041 – 76	Cast iron 10kg£/cm2 flanged globe valve
11	JIS-B2042 – 76	Cast iron angle globe valve with 10kg£/cm2 flange connection
12	JIS-B2043 – 76	Cast iron 10kg£/cm2 flanged concealed stem gate valve
13	JIS-B2044 – 76	Cast iron 10kg£/cm2 flanged rising stem gate valve
14	JIS-B2045 – 76	Cast iron 10kg^cm2 flanged swing check valve
15	JIS-B2051 – 86	10kgf/cm2 malleable cast iron threaded stop valve
16	JIS-B2052 – 78	10kgf/cm2 malleable cast iron threaded connection gate valve
17	JIS-B2053 – 78	10kgf/cm2 malleable cast iron threaded connection lift check valve

18	JIS-B2061 – 84	Water faucet
19	JIS-B2062 – 74	Gate valve for water pipe
20	JIS-B2063 – 87	Air valve for water pipe
21	JIS-B2064 – 84	Butterfly valve for water pipe
22	JIS-B2071 – 87	Cast steel flanged valve
23	JIS-B2072 – 76	Cast steel angle globe valve with 10kgf/cm2 flange connection
24	JIS-B2073 – 76	Cast steel 10kg£/cm2 flanged rising stem gate valve
25	JIS-B2074 – 76	Cast steel 20kg£/cm2 flanged swing check valve
26	JIS-B2081 – 76	Cast steel 20kg^cm2 flanged globe valve
27	JIS-B2082 – 76	Cast steel angle globe valve with 20kg£/cm2 flange connection

28	JIS-B2083 – 76	Flanged rising stem gate valve
29	JIS-B2084 – 76	Cast iron 20kg^cm2 flanged swing check valve
30	JIS-B2191 – 84	Bronze threaded connection plug valve
31	JIS-B2192 – 77	Bronze threaded connection stuffing plug valve
32	JIS-B3372 – 82	Pressure reducing valve for compressed air
33	JIS-B8210-86	Spring-loaded safety valve for steam boiler and pressure vessel
34	JIS-B8225 – 86	Method for measuring discharge coefficient of safety valve
35	JIS-B8244 – 77	Valve for dissolving acetylene container
36	JIS-B8245 – 89	Valves for Liquefied Petroleum Containers
37	JIS-B8246 – 89	Valves for high-pressure gas containers

38	JIS-B8373 – 81	Two-way solenoid valve for pneumatic
39	JIS-B8374-81	Three-way solenoid valve for pneumatic
40	JIS-B8375 – 81	Pneumatic four-way and five-way solenoid valve
41	JIS-B8410-90	Pressure reducing valve for water
42	JIS-B8414 – 90	Safety valve for water heater
43	JIS-B8471 – 77	Solenoid valve for water
44	JIS-B8472 – 78	Solenoid valve for steam
45	JIS-B8473 – 88	Solenoid valve for fuel
46	JIS-B8651 – 89	Test method of proportional solenoid pressure reducing valve
47	JIS-B8654 – 89	Proportional electromagnetic series flow control valve

48	JIS-B8655 – 89	Proportional solenoid type series flow control valve test method
49	JIS-B8656 – 89	Proportional electromagnetic bypass directional flow control valve
50	JIS-B8657 – 89	Proportional electromagnetic bypass directional flow control valve test method
51	JIS-B8659 – 89	Test method of electric hydraulic servo valve
52	JIS-F3058 – 85	Cast steel vertical wave check valve
53	JIS-F3059 – 85	Bronze spiral cut-off vertical wave check valve
54	JIS-F3060 – 85	Cast steel spiral cut-off vertical wave check valve
55	JIS-F7300 – 89	Standards for the use of general valves and cocks
56	JIS-F73006 – 89	Marine cast iron 5K flange angle valve
57	JIS-F73007 – 89	Marine cast iron 10K straight stop valve

58	JIS-F7353 – 89	Marine cast iron 5K stop check valve
59	JIS-F7354 – 89	Marine cast iron 5K angle check valve
60	JIS-F7359 – 89	Marine cast iron 5K lift angle check valve
61	JIS-F7363 – 89	Marine Cast Iron 5K Gate Valve
62	JIS-F7364 – 89	Marine cast iron 10K gate valve
63	JIS-F7366 – 89	Marine cast steel 10K gate valve
64	JIS-F7371 – 88	Marine 5K Bronze Swing Check Valve
65	JIS-F7372 – 89	Marine cast iron 5K swing check valve
66	JIS-F7373 – 88	Marine 10K cast iron swing check valve
67	JIS-F7376 – 89	Marine cast iron 10K angle check valve

68	JIS-F7377 – 89	Marine cast iron 16K stop check valve
69	JIS-F7378 – 89	Marine cast iron 16K angle check valve
70	JIS-F7398 – 89	Ship fuel tank automatically closes the drain valve
71	JIS-F7399 – 89	Emergency shut-off valve for ship fuel tank
72	JIS-F7412 – 88	Marine 5K Bronze Pipe Cap-shaped Spiral Non-Return Coupling Cap-shaped Angle Valve
73	JIS-F7414 – 88	Marine 16K Bronze Pipe Cap-shaped Lifting Check Coupling Cap-shaped Angle Valve
74	JIS-F7416 – 88	Marine 5K Bronze Pipe Cap-shaped Lifting Check Coupling Cap-shaped Angle Valve
75	JIS-F7421 – 89	Marine 20K forged steel globe valve
76	JIS-F7422 – 89	Marine 20K forged steel angle valve
77	JIS-F7457 – 89	Pneumatically operated remote cut-off device, emergency cut-off valve for ship fuel tank

GB China National Standard Valve Part

NO.	Standard code	Standard name
	GB	
1	GB12220	Universal Valve Mark
2	GB12221	Structural length of flanged metal valve
3	GB12222	Connection of Multi-turn Valve Drive Device
4	GB12223	Connection of part-turn valve drive device
5	GB12224	General Requirements for Steel Valves
6	GB12225	General Valve Copper Alloy Casting Technical Conditions
7	GB12226	General Valve Gray Cast Iron Technical Conditions

8	GB12227	General Valve Technical Conditions for Ductile Iron Castings
9	GB12228	General Valve Carbon Steel Forging Technical Conditions
10	GB12229	General Valve Carbon Steel Casting Technical Conditions
11	GB12231	Appearance Quality Requirements for Valve Castings
12	GB12232	General Valve Flanged Iron Gate Valve
13	GB1047	Nominal diameter of pipes and piping accessories
14	GB12236	General Valve Steel Swing Check Valve
15	GB1348	Nodular Cast Iron
16	GB1048	Nominal pressure of pipeline components
17	GB11365	Accuracy of bevel gears and quasi-hyperbolic gears

18	GB4213	General Technical Requirements for Pneumatic Control Valves
19	GB12238	General Valve Flange Wafer Connection Butterfly Valve
20	GB8335	Cylinder Professional Thread
21	GB10877	Oxygen Cylinder Valve
22	GB12239	General Valve Diaphragm Valve
23	GB12240	General Valve Iron Plug Valve
24	GB12241	General Requirements for Safety Valves
25	GB12242	Safety Valve Performance Test Method
26	GB12243	Spring Direct Load Type Safety Valve
27	GB11352	Technical Conditions for Steel Castings

28	GB596	Marine External Thread Bronze Stop Check Valve
29	GB597	Marine External Thread Bronze Check Valve
30	GB5796	Trapezoidal Thread
31	GB7306	Pipe thread sealed with thread
32	GB7307	Non-Thread Sealed Pipe Thread
33	GB6414	Casting Dimension Tolerance
34	GB12245	Reducing Valve Performance Test Method
35	GB12246	Pilot-operated pressure reducing valve
36	GB12247	Classification of Steam Traps
37	GB12248	Steam Traps Terminology

38	GB12249	Steam Traps Logo
39	GB12250	Steam trap structure length
40	GB12251	Steam trap test method
41	GB10868	Technical Conditions of Power Plant Temperature and Pressure Reducing Valve
42	GB10869	Technical Conditions for Power Station Control Valves
43	GB/T1972	Butterfly Spring
44	GB12234	General Valve Flange, Butt Welding Steel Gate Valve
45	GB12237	General valve flange and butt welding connection steel ball valve
46	GB12233	General Valve Iron Globe Valve and Lift Check Valve
47	GB9443	Penetrating flaw detection and defect display marks rating method for steel castings

48	GB3323	Radiography and Quality Classification of Steel Fusion Welding Butt Joints
49	GB12235	General valve flange steel globe valve and lift check valve
50	GB1851	Marine PN160 External Thread Bronze Air Globe Valve
51	GB8464	Internal thread gate valve, globe valve, ball valve, check valve general
52	GB8465.1～7	Internal thread gate valve, globe valve, ball valve, check valve size
53	GB5677	Radiography of Steel Castings and Classification Method of Negative Films
54	GB12230	General Valve Austenitic Steel Casting Technical Conditions
55	GB1804	The limit deviation of tolerance and fit without tolerance dimension
56	GB12244	Radiography of Steel Castings and Classification Method of Negative Films
57	GB10879	Dissolved Acetylene Cylinder Valve

58	GB197	Common Thread, Tolerance and Fit
59	GB1239.2	Technical conditions for cold rolled cylindrical spiral compression springs
60	GB1239.4	Hot-wound cylindrical spiral spring technical conditions
61	GB10095	Accuracy of Involute Cylindrical Gears
62	GB9444	Magnetic particle inspection and quality rating method for steel castings
63	GB/T13927	General Valve Pressure Test
64	GB/T592	Marine Flange Cast Iron Check Valve
65	GB/T1852	Marine Flange Cast Steel Steam Pressure Reducing Valve
66	GB/T12252	General Valve Supply Requirements