

SHANGHAI YUANGAO VALVES INDUSTRY (GROUP) CO., LTD.

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## DIN - Valve Standards

### An overview of DIN - Deutsches Institut für Normung - valve standards

DIN - Deutsches Institut für Normung - valve related standards:

- DIN 475-1: Widths across flats for bolts, screws, valves and fittings
- DIN 475-2: Wrench and socket openings
- DIN 477-1: Gas cylinder valves rated for test pressures up to 300 bar; types, sizes and outlets
- DIN 477-4: Compressed gas cylinder valves; swing check valves for camping-cylinders
- DIN 477-5: Gas cylinder valves - Part 5: For test pressure up to 450 bar max.; Outlet connections
- DIN 477-6: Gas cylinder valves; test pressures 300 bar and 450 bar, with cylindrical thread for valve stem and gas cylinder neck for breathing apparatus; sizes, threads
- DIN 477-9 (Draft standard): Gas cylinder valves, for highest grade gases; sizes, connections, threads
- DIN 1690-10: Technical delivery conditions for castings of metallic materials; supplementary requirements for steel castings used for heavy-duty valves
- DIN 3202-4: Face-to-face and center-to-face dimensions of valves; Valves with female thread connection
- DIN 3202-5: Face-to-face and center-to-face dimensions of valves; valves for connection with compression couplings
- DIN 3230-3: Technical delivery conditions for valves; Compilation of test methods
- DIN 3230-4: Technical Conditions of Delivery for Valves; Valves for Potable Water Service, Requirements and Testing
- DIN 3230-5: Technical delivery conditions; valves for gas installations and gas pipelines; requirements and testing

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testing

- DIN 3230-6: Technical delivery conditions for valves; requirements and methods of test for valves for use with flammable liquids
- DIN 3266-1: Valves for drinking water installations on private premises; PN 10 pipe interrupters, pipe disconnectors, anti-vacuum valves
- DIN 3266-2: Valves for drinking water installations on private premises; PN 10 pipe interrupters, pipe disconnectors, anti-vacuum valves; testing
- DIN 3320-1: Safety valves; safety shut-off valves; definitions, sizing, marking
- DIN 3320-3 (Draft standard): Safety valves; safety shut-off valves; center for face dimensions of flanged safety valves to PN 40 and to DN 250 inlet
- DIN 3339: Valves; body component materials
- DIN 3352-1: Gate Valves; General Information
- DIN 3352-2: Cast iron gate valves, with metallic seat and inside screw stem
- DIN 3352-3: Cast iron gate valves, with metallic seat and outside screw stem
- DIN 3352-4: Cast iron gate valves with elastomeric obturator seatings and inside screw stem
- DIN 3352-5: Steel gate valves, isomorphs series
- DIN 3352-13: Double-socket cast iron gate valves, with elastomeric obturator seat and inside screw stem
- DIN 3356-1: Globe valves; General data
- DIN 3356-2: Globe valves; Cast iron stop valves

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DIN 3356-3:	Globe valves; Unalloyed steel stop valves
DIN 3356-4:	Globe valves; High temperature steel stop valves
DIN 3356-5:	Globe valves; Stainless steel stop valves
DIN 3357-1:	Metal ball valves; general requirements and methods of test
DIN 3357-2:	Full bore steel ball valves
DIN 3357-3:	Reduced bore steel ball valves
DIN 3357-4:	Full bore nonferrous metal ball valves
DIN 3357-5:	Reduced bore nonferrous metal ball valves
DIN 3381:	Safety devices for gas supply installations operating at working pressures up to 100 bar; pressure relief governors and safety shut-off devices
DIN 3399:	Gas low-pressure cut-off valves; safety requirements, testing
DIN 3441-1:	Unplasticized polyvinyl chloride (PVC-U) valves; requirements and testing
DIN 3441-2:	Unplasticized polyvinyl chloride (PVC-U) valves; ball valves; dimensions
DIN 3441-3:	Unplasticized polyvinyl chloride (PVC-U) valves; diaphragm valves; dimensions
DIN 3441-4:	Valves of Rigid PVC (Unplasticized or Rigid Polyvinyl Chloride); Y-valves (Inclined-seat Valves), Dimensions
DIN 3441-5:	Unplasticized polyvinyl chloride (PVC-U) valves; PN 6 and PN 10 wafer type butterfly valves; dimensions
DIN 3441-6:	Unplasticized polyvinyl chloride (UPVC) valves; gate valves with inside screw stem;

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dimensions

- DIN 3442-1: Polypropylene (PP) valves; requirements and testing  
DIN 3442-2: Fittings of PP (Polypropylene); Ball valves, Dimensions
- DIN 3442-3: Polypropylene (PP) valves; diaphragm valves; dimensions
- DIN 3475: Spheroidal graphite cast iron valves and fittings provided with internal corrosion protection by means of enamelling, for use in drinking water supply systems; requirements and testing
- DIN 3476: Corrosion protection of water valves and pipe fittings by epoxy powder or liquid epoxy resin linings - Requirements and testing
- DIN 3500: PN 10 piston type gate valves for use in drinking water supply systems
- DIN 3502: Stopvalves for drinking water supplies on and in private property; straight pattern globe valves with oblique bonnet, rated for nominal pressure PN 10
- DIN 3512: Stopvalves for domestic water supply - Two-way valves - Vertical bonnet type PN 10; Straight pattern globe valve; Technical rule of the DVGW
- DIN 3535-1: Sealants for gas supplies; elastomeric gasket materials for gas valves in domestic installations; requirements and tests
- DIN 3535-5: Rubber/cork and rubber/cork synthetic fiber based gasket materials for use with gas valves, gas appliances and gas pipe work
- DIN 3535-6: Gaskets for gas supply - Part 6: Gasket materials based on synthetic fibers, graphite or polytetrafluoroethylen (PTFE) for gas valves, gas appliances and gas mains
- DIN 3537-1: Gas stop valves rated for pressures up to 4 bar; requirements and acceptance testing
- DIN 3543-1: Metal tapping valves; requirements, testing

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DIN 3543-2:	Metallic tapping stop valves; dimensions
DIN 3543-3, DIN 3543-4:	Publication date:1978-07:PVC tapping valves for plastic pipes; dimensions High density polyethylene (HDPE) tapping valves for HDPE pipes; dimensions
DIN 3544-1:	High-density polyethylene (HDPE) valves; tapping valves; requirements and test
DIN 3852-1:	Ports and stud ends with metric fine pitch thread, for use with compression couplings, valves and screw plugs; Dimensions
DIN 3852-2:	Stud ends and tapped holes with pipe thread, for use with compression couplings, valves and screw plugs; Dimensions
DIN 3852-11:	Stud ends and tapped holes for use with compression couplings, valves and screw plugs - Type E stud end dimensions
DIN 19208:	Flow measurement; mating dimensions and application of shut-off valves for differential pressure transducers and differential pressure piping
DIN 19578-1:	Stop valves for site drainage systems; anti-flooding valves for faucal sewage systems; requirements
DIN 20042:	Water valve, nominal pressure 40 - Dimensions and requirements
DIN EN 28233:	Thermoplastics valves; torques; test method (ISO 8233:1988)
DIN 30677-1:	Corrosion protection of buried valves; coating for normal requirement
DIN 30677-2:	External corrosion protection of buried valves; heavy-duty thermoset plastics coatings
DIN 32509:	Hand-operated shut-off valves for welding, cutting and allied processes - Type of construction, safety requirements, tests

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- DIN 42560: Transformers; Throttle-valves NW 80, Dimensions, Tightness Testing
- DIN 74279: Air braking systems - Charging valves
- DIN 86251: Shut off valves for shipboard use, of cast iron, with flanges, DN 15 to 500  
DIN 86252: Non return valves for shipboard use, cut off type, of cast iron, with flanges, DN 15 to 500
- DIN 86260: Shut off valves for shipboard use, of gun metal, with flanges, DN 15 to 500
- DIN 86261: Non return valves for shipboard use, cut off type, of gun metal, with flanges, DN 15 to 500
- DIN 86501: Valves, screwed bonnet type of gun metal with 24i..-connection with port end W according to DIN 3861
- DIN 86528: Tab washers for screwed bonnet valves
- DIN 86552: Valves, screwed bonnet type of steel with 24i..-connection with port end W according to DIN 3861
- DIN 86720: Gate valves flat sided of gun metal with screwed bonnet and flanges, DN 20 to DN 100, PN 16
- DIN 87101, Publication date:2003-10:Non-return flaps (storm valves), self-closing, vertical type, DN 50 up to DN 150, PN1 - Mating dimensions for flanges according to PN 10
- DIN 87901: Sniffle valves for pumps
- DIN EN 488; 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; German version EN488:2003
- DIN EN 558-1: Face-to-face and center-to-face dimensions of metal industrial valves for use in flanged pipe systems – PN designated valves

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- DIN EN 558-2: Face-to-face and center-to-face dimensions of metal industrial valves for use in flanged pipe systems -Class-designated valves
- DIN EN 736-1: Valves - Terminology - Types of valves
- DIN EN 736-2: Valves - Terminology - Part 2: Definition of components of valves
- DIN EN 736-3: Valves - Terminology - Part 3: Definition of terms (includes Amendment A1:2001); English version of DIN EN 736-3:1999 + A1:2001
- DIN EN 917: Plastics piping systems - Thermoplastics valves - Test methods for resistance to internal pressure and leak-tightness
- DIN EN 1092-1: Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories - Part 1: Steel flanges, PN designated
- DIN EN 1092-2: Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 2: Cast iron flanges
- DIN EN 1092-4: Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated – Part 4: Aluminium alloy flanges
- DIN EN 1680: Plastics piping systems - Valves for polyethylene (PE) piping systems - Test method for leaktightness under and after bending applied to the operating mechanism
- DIN EN 1705: Plastics piping systems - Thermoplastics valves - Test method for the integrity of a valve after an external blow; German version EN 1705:1996
- DIN EN 28233: Thermoplastics valves; torques; test method (ISO 8233:1988)