

JIS - Valve Standards

Japanese industrial valve standards and specifications from JAS - the Japanese Standards Association

Industrial valve standards and specifications from the [Japanese Standards Association - JAS](#) organized by divisions:

B. Mechanical Engineering

JIS B 0100:1984

Glossary of terms for valves

JIS B 0116:1978

Glossary of terms for packings and gaskets

JIS B 2001:1987

Nominal size and bore of valves

JIS B 2002:1987

Face-to-face and end-to-end dimensions of valves

JIS B 2003:1994

General rules for inspection of valves

JIS B 2004:1994

General rules for marking on valves

JIS B 2005:2004

Test procedures for flow coefficients of valves

JIS B 2007:1993

Industrial-process control valves -- Inspection and routine testing

JIS B 2011:2003 / AMENDMENT 1:2004

Bronze gate, globe, angle, and check valves (Amendment 1)

JIS B 2031:1994

Gray cast iron valves

JIS B 2032:1995

Wafer type rubber-seated butterfly valves

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JIS B 2051:1994

Malleable iron 10 K screwed valves

JIS B 2061:2004

Faucets, ball taps and flush valves

JIS B 2062:1994

Sluice valves for water works

JIS B 2063

Air vent valves for water works

JIS B 2064

Butterfly valves for water works

JIS B 2071:2000

Steel valves

JIS B 2191

Screwed bronze plug cocks and gland cocks

JIS B 2192

Threaded ends bronze packing plug valves

JIS B 2401:1999

rings

JIS B 2403:1995

V-packings

JIS B 2406:1991

rings housings -- Design criteria

JIS B 8210:1994

Steam boilers and pressure vessels -- Spring loaded safety valves

JIS B 8225:1993

Safety valves - measuring methods for coefficient of discharge

JIS B 8244:2004

Valves for dissolved acetylene cylinder

JIS B 8245:2004

Valves for liquefied petroleum gas cylinder

JIS B 8246:2004

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Valves for high pressure gas cylinders

JIS B 8355:1997

Hydraulic fluid power -- Subplate type solenoid operated four-port valves

JIS B 8357:2000

Hydraulic fluid power -- Compensated flow-control valves -- Mounting surfaces

JIS B 8372-1/2:2003

Pneumatic fluid power -- Compressed air pressure regulators and filter-regulators --

Part 1: Main characteristics to be included in literature from suppliers and product-making requirements

Part 2: Test methods to determine the main characteristics to be included in literature from suppliers

JIS B 8373:1993

Pneumatic system -- 2-port solenoid operated valves

JIS B 8374:1993

Pneumatic system -- 3-port solenoid operated valves

JIS B 8375

Pneumatic system -- 4-port and 5 port solenoid operated valves

JIS B 8376:1994

Speed control valves for pneumatic use

JIS B 8401:1999

Automatic steam traps

JIS B 8402:1993

Radiator traps

JIS B 8410:2004

Pressure reducing valves for water works

JIS B 8414:2004

Relief valves for hot water appliances

JIS B 8471:2004

Water pipe line -- Solenoid valves

JIS B 8472:1994

Steam pipe line -- Solenoid valves

JIS B 8473:1994

Fuel oil pipe line -- Solenoid valves

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JIS B 8605:2002

Stop valves for refrigerants

JIS B 8619:1999

Thermostatic refrigerant expansion valves -- Methods of testing for performance

JIS B 8651:2002

Test methods for electro-hydraulic proportional pressure relief valves

JIS B 8652:2002

Test methods for electro-hydraulic proportional pressure relief valves and electro-hydraulic proportional pressure reducing and relieving valves

JIS B 8653:2002

Test methods for electro-hydraulic proportional metering valves

JIS B 8654:2002

Test methods for electro-hydraulic proportional series flow control valves

JIS B 8655:2002

Test methods for electro-hydraulic proportional directional series flow control valves

JIS B 8656:2002

Test methods for electro-hydraulic proportional bypass flow control valves

JIS B 8657:2002

Test methods for electro-hydraulic proportional directional bypass flow control valves

JIS B 8659-1/2:2000

Hydraulic fluid power -- Electrically modulated hydraulic control valves

Part 1: Test methods for four-way directional flow control valves

Part 2: Test methods for three-way directional flow control valves

E. Railway Engineering

JIS E 4115:1988

Magnet valves for railway rolling stock

JIS E 7701:1992

Safety valves for high pressure gas tank car tanks

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F. Shipbuilding

JIS F 0504:1989

Application and setting pressure of relief valves for ships' machinery

JIS F 3024:1996

Shipbuilding -- Deck stands for controlling valves

JIS F 3025:1996

Shipbuilding -- Remote handling fittings for valves on small ships' forepeak bulkhead

JIS F 3056:1995

Ships' foot valves

JIS F 3057:1996

Bronze vertical storm valves

JIS F 3058:1996

Cast steel vertical storm valves

JIS F 3059:1996

Bronze screwdown vertical storm valves

JIS F 3060:1996

Cast steel screwdown vertical storm valves

JIS F 5610:1996

Shipbuilding -- Forged steel 20K reflex type water gauges with valves for boilers

JIS F 5611:1996

Shipbuilding -- Forged steel 63K transparent type water gauges with valves for boilers

JIS F 7007:1979

Abbreviation used in name plate for marine valve

JIS F 7211:1996

Shipbuilding -- 5K level gauges with valves

JIS F 7212:1996

Shipbuilding -- Oil level gauges with self closing valves

JIS F 7213:1996

Shipbuilding -- 16K water gauges with valve

JIS F 7216:1996

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Shipbuilding -- Self closing valves for oil level gauges

JIS F 7300:1996

Shipbuilding -- Application for valves and cocks

JIS F 7301:1997

Shipbuilding -- Bronze 5K globe valves

JIS F 7302:1997

Shipbuilding -- Bronze 5K angle valves

JIS F 7304:1996

Shipbuilding -- Bronze 16K angle valves

JIS F 7305:1996

Shipbuilding -- Cast iron 5K globe valves

JIS F 7306:1996

Shipbuilding -- Cast iron 5K angle valves

JIS F 7307:1996

Shipbuilding -- Cast iron 10K globe valves

JIS F 7308:1996

Shipbuilding -- Cast iron 10K angle valves

JIS F 7309:1996

Shipbuilding -- Cast iron 16K globe valves

JIS F 7310:1996

Shipbuilding -- Cast iron 16K angle valves

JIS F 7311:1996

Shipbuilding -- Cast steel 5K globe valves

JIS F 7312:1996

Shipbuilding -- Cast steel 5K angle valves

JIS F 7313:1996

Shipbuilding -- Cast steel 20K globe valves

JIS F 7314:1996

Shipbuilding -- Cast steel 20K angle valves

JIS F 7315:1996

Shipbuilding -- Cast steel 30K globe valves

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JIS F 7316:1996

Shipbuilding -- Cast steel 30K angle valves

JIS F 7317:1996

Shipbuilding -- Cast steel 40K globe valves

JIS F 7318:1996

Shipbuilding -- Cast steel 40K angle valves

JIS F 7319:1996

Shipbuilding -- Cast steel 10K globe valve

JIS F 7320:1996

Shipbuilding -- Cast steel 10K angle valves

JIS F 7329:1996

Shipbuilding -- Forged steel 40K globe valves

JIS F 7330:1996

Shipbuilding -- Forged steel 40K angle valves

JIS F 7333:1996

Shipbuilding -- Cast iron hose valves

JIS F 7334:1996

Shipbuilding -- Bronze hose valves

JIS F 7336:1996

Shipbuilding -- Forged steel globe air valves

JIS F 7337:1996

Shipbuilding -- Forged steel angle air valves

JIS F 7340:1996

Shipbuilding -- Cast steel globe air valves

JIS F 7341:1996

Shipbuilding -- Forged steel 100K pressure gauge valves

JIS F 7346:1996

Shipbuilding -- Bronze 5K globe valves (union bonnet type)

JIS F 7347:1996

Shipbuilding -- Bronze 5K angle valves (union bonnet type)

JIS F 7348:1996

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Shipbuilding -- Bronze 16K globe valves (union bonnet type)

JIS F 7349:1996

Shipbuilding -- Bronze 16K angle valves (union bonnet type)

JIS F 7350:1996

Shipbuilding -- Hull cast steel angle valves

JIS F 7351:1996

Shipbuilding -- Bronze 5K screw-down check globe valves

JIS F 7352:1996

Shipbuilding -- Bronze 5K screw-down check angle valves

JIS F 7353:1996

Shipbuilding -- Cast iron 5K screw-down check globe valves

JIS F 7354:1996

Shipbuilding -- Cast iron 5K screw-down check angle valves

JIS F 7356:1996

Shipbuilding -- Bronze 5K lift check valves

JIS F 7358:1996

Shipbuilding -- Cast iron 5K lift check globe valves

JIS F 7359:1996

Shipbuilding -- Cast iron 5K lift check angle valves

JIS F 7360:1996

Shipbuilding -- Hull cast steel gate valves

JIS F 7363:1996

Shipbuilding -- Cast iron 5K gate valves

JIS F 7364:1996

Shipbuilding -- Cast iron 10K gate valves

JIS F 7365:1996

Shipbuilding -- Hull cast steel globe valves

JIS F 7366:1996

Shipbuilding -- Cast steel 10K gate valves

JIS F 7367:1996

Shipbuilding -- Bronze 5K rising stem type gate valves

JIS F 7368:1996

Shipbuilding -- Bronze 10K rising stem type gate valves

JIS F 7369:1996

Shipbuilding -- Cast iron 16K gate valves

JIS F 7371:1996

Shipbuilding -- Bronze 5K swing check valves

JIS F 7372:1996

Shipbuilding -- Cast iron 5K swing check valves

JIS F 7373:1996

Shipbuilding -- Cast iron 10K swing check valves

JIS F 7375:1996

Shipbuilding -- Cast iron 10K screw-down check globe valves

JIS F 7376:1996

Shipbuilding -- Cast iron 10K screw-down check angle valves

JIS F 7377:1996

Shipbuilding -- Cast iron 16K screw-down check globe valves

JIS F 7378:1996

Shipbuilding -- Cast iron 16K screw-down check angle valves

JIS F 7379:1996

Shipbuilding -- Brass 30K stop valves with bite joint(s)

JIS F 7388:1996

Shipbuilding -- Bronze 20K globe valves

JIS F 7389:1996

Shipbuilding -- Bronze 20K angle valves

JIS F 7390:1996

Shipbuilding -- Cocks with lock

JIS F 7398:1996

Shipbuilding -- Fuel oil tank self-closing drain valves

JIS F 7399:2002

Ship building -- Oil tank emergency shut-off valves

JIS F 7400:1996

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Shipbuilding -- Valves and cocks -- General inspection requirement

JIS F 7403:1996

Shipbuilding -- Hull bronze globe valves

JIS F 7404:1996

Shipbuilding -- Hull bronze angle valves

JIS F 7409:1996

Shipbuilding -- Bronze 16K screw-down check globe valves

JIS F 7410:1996

Shipbuilding -- Bronze 16K screw-down check angle valves

JIS F 7411:1996

Shipbuilding -- Bronze 5K screw-down check globe valves (Union bonnet type)

JIS F 7412:1996

Shipbuilding -- Bronze 5K screw-down check angle valves (Union bonnet type)

JIS F 7413:1996

Shipbuilding -- Bronze 16K screw-down check globe valves (Union bonnet type)

JIS F 7414:1996

Shipbuilding -- Bronze 16K screw-down check angle valves (Union bonnet type)

JIS F 7415:1996

Shipbuilding -- Bronze 5K lift check globe valves (Union bonnet type)

JIS F 7416:1996

Shipbuilding -- Bronze 5K lift check angle valves (Union bonnet type)

JIS F 7417:1996

Shipbuilding -- Bronze 16K lift check globe valves (Union bonnet type)

JIS F 7418:1996

Shipbuilding -- Bronze 16K lift check angle valves (Union bonnet type)

JIS F 7421:1996

Shipbuilding -- Forged steel 20K globe valves

JIS F 7422:1996

Shipbuilding -- Forged steel 20K angle valves

JIS F 7425:1996

Shipbuilding -- Cast iron valves

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JIS F 7426:1996

Shipbuilding -- Cast steel valves

JIS F 7456:1999

Shipbuilding -- Remote shut-off devices for fuel oil tank and lubricating oil tank emergency shut-off valves

JIS F 7457:1999

Shipbuilding -- Pneumatically operated remote shut-off devices for fuel oil tank and lubricating oil tank emergency shut-off valves

JIS F 7471:1996

Shipbuilding -- Cast steel 10K screw-down check globe valves

JIS F 7472:1996

Shipbuilding -- Cast steel 10K screw-down check angle valves

JIS F 7473:1996

Shipbuilding -- Cast steel 20K screw-down check globe valves

JIS F 7474:1996

Shipbuilding -- Cast steel 20K screw-down check angle valves

JIS F 7480:1996

Shipbuilding -- Rubber seat butterfly valves

G. Ferrous Materials and Metallurgy

JIS G 3561:1994

Oil tempered wire for valve springs

S. Domestic Wares

JIS S 2120:2000

Gas valves

JIS S 2150:1993

Manually operated gas valves for gas appliances

JIS S 2151:1993

Automatic gas valves for gas appliances

JIS S 3019:1997

Oil control valves for oil burning appliances