VALVES & COCKS

JAI VALVES AND COCKS

Manufacturers & Engineers of Valves & Cocks

Since 1955 • ISO 9001-2008 Certified • ISI Marked • MSME ZED Bronze Certified

"First in every test"



PRODUCT CATALOGUE

OUR HISTORY — LEGACY OF EXCELLENCE SINCE 1955

The story of Jai Valves and Cocks is a remarkable journey of determination, craftsmanship, and unwavering commitment to quality — a legacy that spans more than seven decades.

The foundation of this journey was laid by Late Pt. Jaswant Rai Prabhakar, an experienced foundry professional who worked in Gujranwala, Pakistan, before the partition of India in 1947. Following the historic separation, he relocated to India and, despite numerous challenges, continued to pursue his passion for engineering and metal casting while working at various industrial establishments.

Driven by entrepreneurial vision and perseverance, Late Pt. Jaswant Rai Prabhakar, along with his brothers, established M/s Jai Jagdish Metal Works in 1955. What began as a modest manufacturing venture soon evolved into a trusted name in industrial valve manufacturing, built on the principles of integrity, quality, and customer satisfaction.

As the business expanded, Late Shri Onkar Nath Prabhakar, son of the founder, joined the enterprise and played a pivotal role in shaping its future. Possessing exceptional business acumen and an uncompromising commitment to excellence, he gradually transformed the organization into an independent and focused manufacturing unit. Under his leadership, the brand “JAI” earned widespread recognition for producing high-quality Gunmetal (Bronze) Gate, Globe, and Check Valves renowned for their reliability, durability, and performance across critical industrial applications.

Dedicated to continuous improvement, Shri Onkar Nath Prabhakar strengthened the company's manufacturing capabilities, implemented quality management systems, and secured various certifications that reinforced the brand's reputation for engineering excellence.

Today, carrying forward the vision of its founders, Jai Jagdish Metal Works has been redefined and modernized as Jai Valves and Cocks. While embracing advanced manufacturing technologies, modern infrastructure, and contemporary quality standards, the company remains deeply rooted in the values upon which it was founded.

From a small foundry-based enterprise to a respected valve manufacturer, the journey of JAI stands as a testament to resilience, innovation, and an enduring commitment to customer trust.

Continuing the Legacy

Today, the legacy of Jai Valves and Cocks is proudly carried forward by Mr. Vishal Prabhakar, son of Late Shri Onkar Nath Prabhakar, who leads the organization with the same commitment to quality, innovation, and customer satisfaction that has defined the brand since 1955. Under his leadership, the company continues to strengthen its position as a trusted manufacturer of industrial valves while embracing modern manufacturing practices and evolving industry requirements.

Representing the fourth generation of the Prabhakar family, Mr. Aditya Prabhakar has joined the business with a vision to further expand the reach of the JAI brand. Combining the wisdom of generations with a progressive outlook, he is actively contributing towards modernization, brand development, digital transformation, and new growth opportunities.

From the determination of Late Pt. Jaswant Rai Prabhakar, to the relentless efforts of Late Shri Onkar Nath Prabhakar, and now under the stewardship of Mr. Vishal Prabhakar and Mr. Aditya Prabhakar, the journey of JAI continues with the same founding principles — quality, integrity, reliability, and customer satisfaction.

JAI — Manufacturing Trust Since 1955.

OUR JOURNEY THROUGH TIME



1947: Following the Partition of India, Late Pt. Jaswant Rai Prabhakar, an experienced foundry professional from Gujranwala (now in Pakistan), relocated to India and continued working in the foundry and engineering industry, gaining valuable experience and expertise.

1955: Founded Jai Jagdish Metal Works in Jalandhar, Punjab, with a vision to manufacture high-quality industrial valves and engineering products. This marked the beginning of the JAI legacy.

1960s – 1970s: Expanded manufacturing capabilities and strengthened the dealer network across Northern India. The company established a reputation for reliability, quality workmanship, and customer trust.

1980s: The second generation joined the business, carrying forward the founder's vision and introducing modern manufacturing practices while maintaining traditional values of quality and integrity.

1990s: Product range expanded to include a wider portfolio of Gunmetal, Brass, and Cast-Iron Valves catering to industrial, plumbing, irrigation, marine, and infrastructure sectors.

2000s: Investment in improved production facilities, quality-control systems, and testing infrastructure. The JAI brand continued to gain recognition across India for dependable valve solutions.

2010s: Strengthened compliance with national quality standards and certifications while expanding distribution across multiple states. The company further reinforced its position as a trusted valve manufacturer.

2020s: Launch and growth of the Jai Valves and Cocks brand with an enhanced focus on industrial valves, plumbing solutions, and customer-centric service. Continued modernization of manufacturing and marketing operations.

Present Day: Today, Jai Valves and Cocks is led by Mr. Vishal Prabhakar (CEO), continuing the legacy established by the founders. The next generation, represented by Mr. Aditya Prabhakar, is actively involved in driving innovation, brand development, digital growth, and market expansion. With more than seven decades of manufacturing excellence, JAI continues its commitment to delivering reliable, high-quality Gunmetal, Brass, and Cast-Iron valves under the philosophy “First in Every Test.”

COMPANY PROFILE

About Us

Jai Valves and Cocks are a leading manufacturer of industrial valves with a rich heritage dating back to 1955. Established on the principles of quality, reliability, and engineering excellence, the company has earned a distinguished reputation in the valve industry through decades of dedicated service and continuous innovation.

With modern manufacturing facilities, skilled craftsmanship, and stringent quality control processes, JAI manufactures a comprehensive range of industrial valves designed to meet the demanding requirements of various sectors including power, transformers, water distribution, marine, infrastructure, process industries, and general engineering applications.

Our Product Range

- Gunmetal (Bronze) Gate Valves
- Gunmetal (Bronze) Globe Valves
- Gunmetal (Bronze) Check Valves
- Brass Valves and Cocks
- Cast Iron Valves
- Industrial Flow Control Solutions

Our Strengths

- Legacy of Manufacturing Excellence Since 1955
- Modern Infrastructure and Advanced Production Facilities
- Skilled Workforce and Technical Expertise
- Stringent Quality Assurance Procedures
- Customer-Centric Approach
- Reliable Products for Diverse Industrial Applications
- Commitment to Continuous Innovation and Improvement

Our Vision

To be recognized as a globally trusted valve manufacturer by delivering superior products, innovative engineering solutions, and exceptional customer value while upholding the legacy established by our founders.

Our Mission

To manufacture dependable, high-performance valves that consistently exceed customer expectations through quality craftsmanship, technological advancement, and ethical business practices.

CERTIFICATIONS & AT A GLANCE

The firm is registered with the Ministry of MSME under Udyam Registration No. UDYAM-PB-10-0112738 as a Micro Enterprise, engaged in the manufacture of pumps, compressors, taps and valves (NIC Code 28132). In November 2025, it was awarded the ZED (Zero Defect Zero Effect) Bronze Certification under the MSME Sustainable Certification Scheme — a national recognition of quality and sustainable manufacturing practice.

At a Glance

- Established: 1955
- Leadership: Mr. Vishal Prabhakar (CEO); Mr. Aditya Prabhakar (Next Generation, Business Development)
- Certifications: ISO 9001-2008, ISI Marked (IS:778 / IS:2692), MSME ZED Bronze (Certificate No. 11112025_648858)
- Udyam Registration: UDYAM-PB-10-0112738 (Micro Enterprise)
- Major Activity: Manufacture of gunmetal, bronze and brass valves & cocks
- Location: Saini Colony, Industrial Area, Jalandhar, Punjab, India



CERTIFICATE OF COMPLIANCE

ICS

This is to certify that the
QUALITY MANAGEMENT SYSTEM of

JAI VALVES AND COCKS

Saini Colony, Industrial Area, Jalandhar – 144 004, Punjab, India.

has been assessed by International Certifications Services (Asia) Pvt. Ltd. and registered as complying with the requirements of the following International Standard:

ISO 9001:2000

The Quality Management System applicable to:

Scope: Manufacturing And Supply Of Valves And Cocks And Boiler Mounting.

Registration No.	:	RQ91/4183
Registered Date	:	03rd June, 2025
Valid for	:	3 Years
Expiry Date	:	02nd June, 2028

NABCB
QMS 009

Managing Director
International Certification Services

Accredited by National Accreditation Board For Certification Bodies, India.

Validity of this certificate is based on periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification of significant changes to the management system and/or its components thereof shall be immediately communicated to ICS.
Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the above certified organization.

International Certifications Services (Asia) Pvt.Ltd. E-7, Chand Society, Juhu Road, Juhu, Mumbai – 400 049,India



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL &
MEDIUM ENTERPRISES

MSME Zed BRONZE
ZERO DEFECT ZERO EFFECT

CERTIFICATE

ZED BRONZE

under MSME Sustainable (ZED) Certification Scheme
awarded to

M/S JAI VALVES & COCKS
UNIT NAME

Flat No:- 17, Building:- M/s JAI VALVES & COCKS, Road/Street:- -, Village/Town:- SAINI COLONY, Block:- -, City:- JALANDHAR, JALANDHAR, PUNJAB-144004
UNIT ADDRESS

28-Manufacture of machinery and equipment n.e.c.
CODE (AS PER NIC-2008)

UDYAM-PB-10-0112738
UDYAM REGISTRATION NUMBER

Issued on :
November 11, 2025

Certificate Validity :
Three years from the date of issue

Certificate No. 11112025_648858

This Certificate has been awarded after fulfilling all relevant requirements as laid down in the MSME Sustainable (ZED) Certification Scheme Guidelines for this Certification Level.
Award of this Certificate does not substitute any legal requirement needed for setting up or operating an MSME Unit.

APPLICATIONS



Typical applications include:

- Domestic & Residential Plumbing Lines
- Municipal Water Works & Distribution Networks
- Industrial Process Piping
- Steam Lines & Boiler Feed Systems
- Cement, Sugar & Textile Plants
- Paper & Jute Mills
- Power Plants
- Fertilizer & Chemical Plants
- Petrol / Fuel Handling Installations (metal-seated check valves)
- Overhead Tanks, Terraces & Water Storage Systems

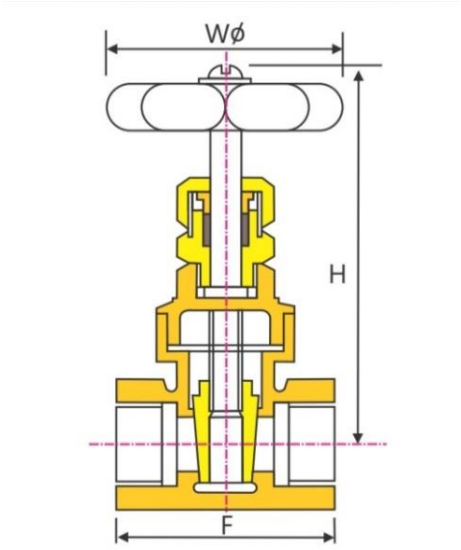
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3	Gun Metal Horizontal Check Valve (Screwed)
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6	Gun Metal Globe Valve (Flanged Ends)
7	Gun Metal Horizontal Check Valve (Flanged Ends)
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34	Waste Coupling
35	Brass Ferrule Cock

Item 1 | G.M. Gate Valve — Class-1 (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body & Wedge	Bronze / Gun Metal	IS:318 Gr. LTB 2
Spindle	Forged Brass	IS:6912 Gr. FLB
Handwheel	Sheet Metal/ Cast Iron	IS:4030
Gland Packing	Asbestos	IS:4687
Screw & Washer	Mild Steel	IS:432

Sizes Available:

Size
8 mm / 10 mm / 15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Non-rising spindle
- ISI Marked, conforms to *IS:778-1984 Class-I*

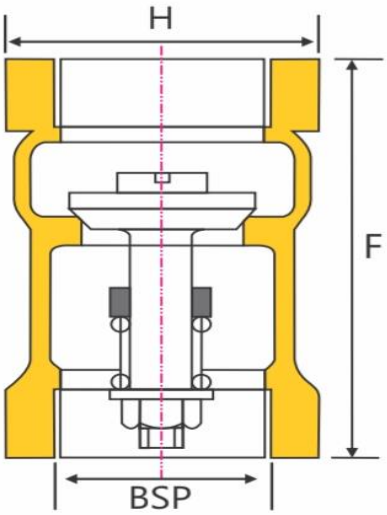
Standard & Testing:

- Conforms to: *IS:778-1984 Class-I (ISI Marked)*
- Hydraulic Test Pressure: *1.5 MPa (Hydraulic)*

Item 2 | G.M. Vertical Check Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Nut	Brass	IS: 319 Gr. 2

Sizes Available:

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Single-piece design for vertical lines only
- One-sided flow — closes automatically on reverse flow
- ISI Marked, conforms to IS:778-1984 Class-I

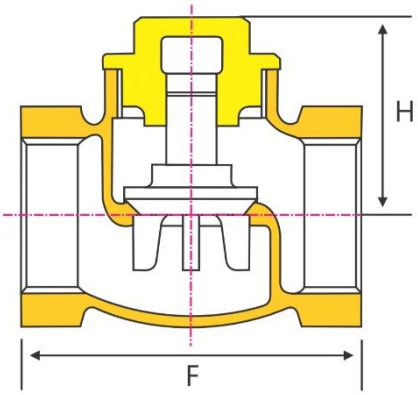
Standard & Testing:

- Conforms to: IS:778-1984 Class-I (ISI Marked)
- Hydraulic Test Pressure: 1.5 MPa (Hydraulic)

Item 3 | G.M. Horizontal Check Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	*Material*	*Specification*
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2 / IS:6912 Gr. FLB

Sizes Available:

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Single-piece body for horizontal lines only
- One-sided flow — closes automatically on reverse flow
- ISI Marked, conforms to *IS:778-1984 Class-I*

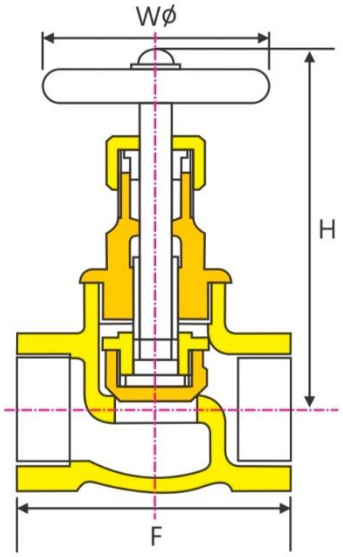
Standard & Testing:

- Conforms to: *IS:778-1984 Class-I (ISI Marked)*
- Hydraulic Test Pressure: *1.5 MPa (Hydraulic)*

Item 4 | G.M. Globe Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body & Wedge	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet, Gland & Gland Nut	Bronze / Gun Metal	IS:318 Gr. LTB 2 / IS:6912 Gr. FLB
Spindle	Forged Brass	IS:6912 Gr.FLB
Screw & Washer	Mild Steel	IS:432
Handwheel	Sheet Metal/ Cast Iron	IS:4030 / IS:210 FG 200

Sizes Available:

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Screwed in Bonnet
- Rising Spindle
- ISI Marked, conforms to *IS:778-1984 Class-I*

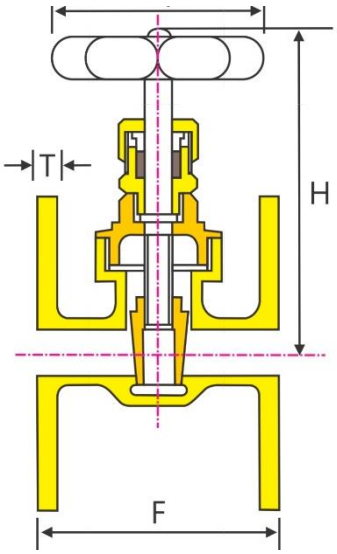
Standard & Testing:

- Conforms to: *IS:778-1984 Class-I (ISI Marked)*
- Hydraulic Test Pressure: *1.5 MPa (Hydraulic)*

Item 5 | G.M. Gate Valve (Flanged Ends)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	*Material*	*Specification*
Body & Wedge	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet, Gland Nut Stuffing Box	Bronze / Gun Metal	IS:318 Gr. LTB 2 / IS:6912 Gr. FLB
Spindle	Forged Brass	IS:6912 Gr. FLB
Handwheel	Sheet Metal/ Cast Iron	IS:4030 / IS:210 FG 200

Sizes Available:

Size
8/10/15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Single-piece body for horizontal lines only
- One-sided flow — closes automatically on reverse flow
- ISI Marked, conforms to *IS:778-1984 Class-I*

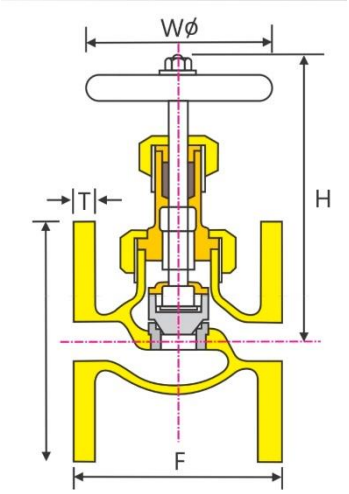
Standard & Testing:

- Conforms to: *IS:778-1984 Class-I (ISI Marked)*
- Body Test Pressure: *1.5 MPa (Hydrostatic)*
- Seat & Backseat Test Pressure: *1.0 MPa*

Item 6 | G.M. Globe Valve (Flanged Ends)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body & Wedge	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Forged Brass	IS:318 Gr. LTB 2 / IS:6912 Gr. FLB
Spindle	Forged Brass	Is: 6912 Gr. FLB
Screw & Washer	Mild Steel	IS:432
Handwheel	Sheet Metal/ Cast Iron	IS:4030 / IS:210 FG 200

Sizes Available

Size
8/10/15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed In Bonnet
- Rising Stem
- Flanged Ends
- ISI Marked, conforms to *IS:778-1984 Class-I*

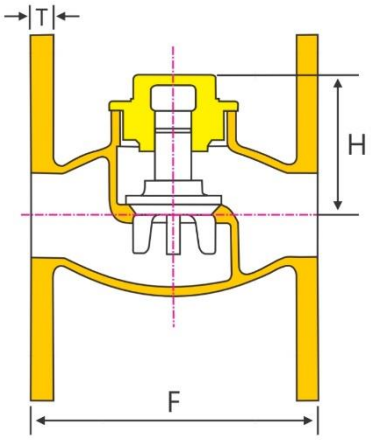
Standard & Testing:

- Conforms to: *IS:778-1984 Class-I (ISI Marked)*
- Hydraulic Test Pressure: *1.5 MPa (Hydraulic)*

Item 7 | G.M. Horizontal Check Valve (Flanged Ends)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2

Sizes Available:

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Flanged Ends
- Single-piece body for horizontal lines only
- One-sided flow — closes automatically on reverse flow
- ISI Marked, conforms to *IS:778-1984 Class-I*

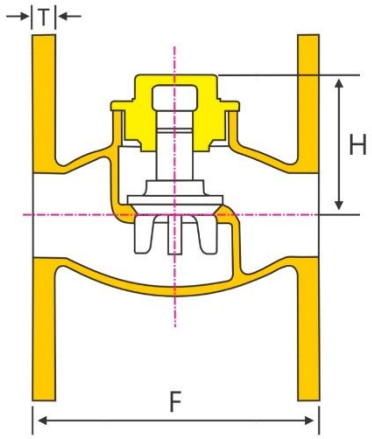
Standard & Testing:

- Conforms to: *IS:778-1984 Class-I (ISI Marked)*
- Hydraulic Test Pressure: *1.5 MPa (Hydraulic)*

Item 8 | G.M. Ferrule Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body, Plug & Cover	Bronze / Gun Metal	IS:318 Gr. LTB 2
Rubber Washer	Nitrile Rubber	IS: 5192 - 1
Washer	Brass	IS: 6912 Gr. FLB

Sizes Available:

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm

Product Features:

- B.S.P Taper Threads as per *IS: 554*
- Specially designed for Water Services
- ISI Marked, conforms to *IS: 2692 Class-I*

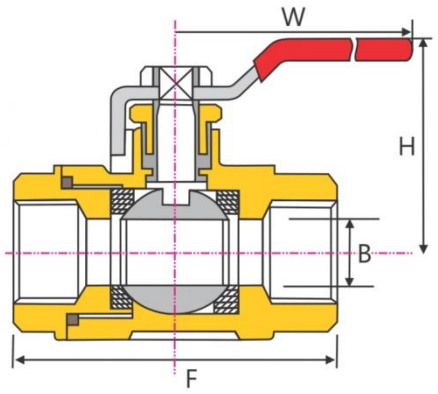
Standard & Testing:

- Conforms to: *IS: 2692 Class-I (ISI Marked)*
- Hydraulic Test Pressure: *2.0 MPa (Hydraulic)*

Item 9 | Bronze Ball Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body	Bronze	IS:318 Gr. LTB 2
Ball & Stem	Stainless Steel	AISI 304
Ball & stem sealing	Teflon	PTFE
Lever	Stainless Steel	AISI 304
Lever nut	Stainless Steel	AISI 304
Lever Sleeve	PVC	_____

Sizes Available:

Size
8/ 10 / 15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

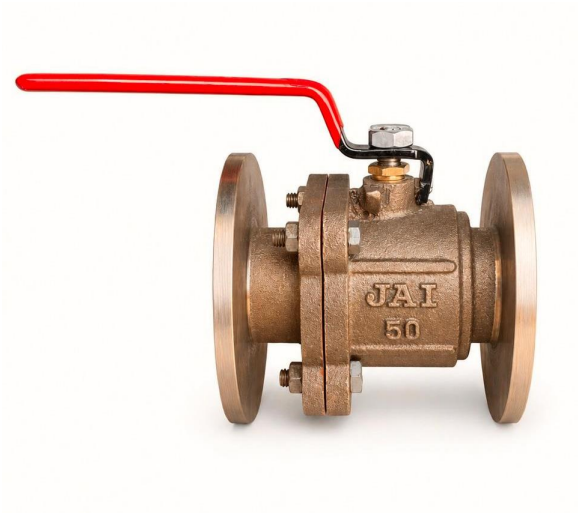
Product Features:

- Screwed female ends
- Single -piece design
- SSP AISI 304 Ball & Spindle
- Lever Operated
- P.T.F.E. Sealing & Gland packing

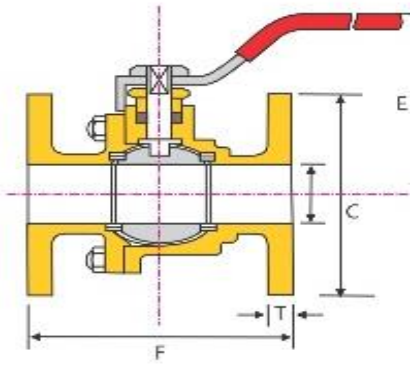
Standard & Testing:

- Conforms to: *IS:554/ BS 21/ ISO 7*
- Hydraulic Test Pressure: 500 PSIG

Item 10 | Bronze Ball Valve (Flanged)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Ball & Stem	Stainless Steel	AISI 304
Ball & Stem sealing	Teflon	PTFE
Lever	S.S. 304 / Galvanized Iron	AISI 304
Lever nut	Stainless Steel	AISI 304
Lever Sleeve	PVC	_____

Sizes Available:

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Flanged ends as per *BS 10 F & D*
- Two-piece design
- SSP AISI 304 Ball & Spindle
- Full bore, Floating ball
- P.T.F.E. Sealing & Gland packing

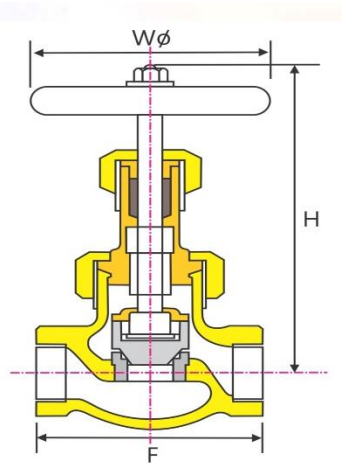
Standard & Testing:

- Conforms to: IS:778-1984 Class-I (ISI Marked)
- Hydraulic Test Pressure: 500 Lbs

Item 11 | Bronze Union Bonnet Globe Valve No.9 (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body	Bronze	IS:318 Gr. LTB 2
Bonnet	Bronze	IS:318 Gr. LTB 2
Seat & Spindle	Stainless Steel	AISI 410
Seat Ring	Stainless Steel	AISI 410
Hand Wheel	Cast Iron / Sheet Metal	IS : 210 Gr FG 200 / IS 16192

Sizes Available:

Size
8/10/15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- With Renewable Stainless-Steel working parts
- Inside screw
- Hand Wheel operation for sturdy use

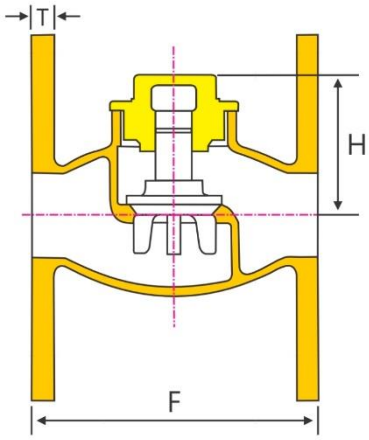
Standard & Testing:

- Conforms to: *IS:554/ BS 21/ ISO 7*
- Hydraulic Test Pressure: 500 PSIG

Item 12 | Bronze Union Bonnet Globe Valve No.9 (Flanged)



Technical Diagram



Materials of Construction (typical, per IS specification):

Part	Material	Specification
Body	Bronze	IS:318 Gr. LTB 2
Bonnet	Bronze	IS:318 Gr. LTB 2
Seat & Spindle	Stainless Steel	AISI 410
Seat Ring	Stainless Steel	AISI 410
Hand Wheel	Cast Iron	IS : 210 Gr FG 200

Sizes Available:

Size
8/10/15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Flanged ends as per *BS 10 Table F* (Flanges Undrilled)
- With Renewable Stainless-Steel working parts
- Inside screw
- Hand Wheel operation for sturdy use

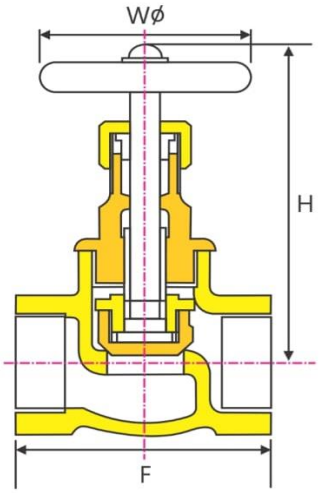
Standard & Testing:

- Conforms to: *IS:554/ BS 21/ ISO 7*
- Hydraulic Test Pressure: 500 PSIG

Item 13 | Wheel Valve NO.5 (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2
Spindle	Forged Brass	IS:6912 Gr. FLB
Gland Packing	Asbestos	IS :4687
Screw & Washer	Mild Steel	IS : 432

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Heavy Pattern
- Rising Stem
- Inside screw & integral Seat
- Hand Wheel operation

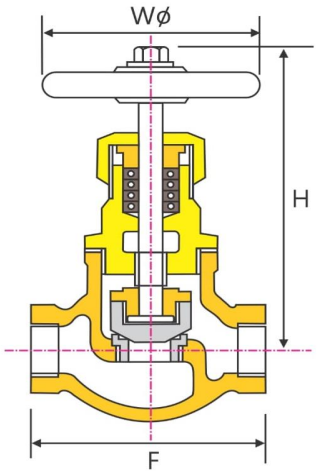
Standard & Testing:

- Hydraulic Test Pressure: 500 PSIG

Item 14 | Bronze Wheel Valve NO.5 SS Parts (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2
Spindle	Forged Brass	IS:6912 Gr. FLB
Gland Packing	Asbestos	IS :4687
Screw & Washer	Mild Steel	IS : 432
Disc & Body Ring	Stainless Steel	AISI 410

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed female ends
- Heavy Pattern
- Rising Stem
- Inside screw & integral Seat
- With Renewable Stainless-Steel working parts

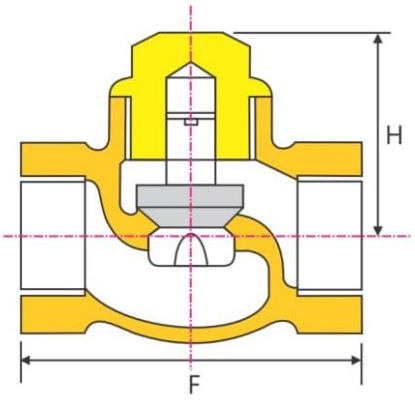
Standard & Testing:

- Hydraulic Test Pressure: 1.5 MPa (Hydraulic)

Item 15 | Bronze Horizontal Check Valve No.5 (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2 / IS:6912 Gr. FLB

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed Female Ends (BSP) as per IS: 554.
- Integral Seat.
- Heavy Pattern
- Designed for Horizontal Piping Systems.
- With Renewable S.S. 410 Working parts.
- Uni-directional flow

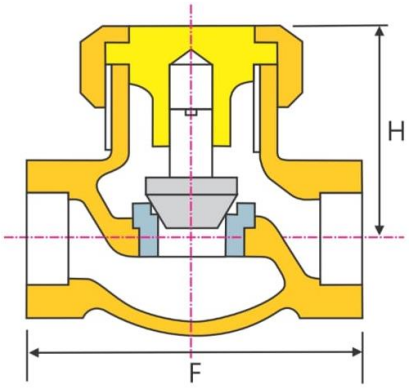
Standard & Testing:

- Hydraulic Test Pressure: 1.5 MPa (Hydrostatic)

Item 16 | Bronze Horizontal Check Valve NO. 9(Union Cap Check Valve)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2
Disc & Seat Ring	Stainless Steel	AISI 410

Sizes Available

Size
8/10/15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

Product Features:

- Screwed Female Ends (BSP) conforming to IS: 554
- With Renewable Stainless Steel 410 Parts
- Inside Screw
- Integral Seat
- Designed for Horizontal Piping Systems.
- Uni-directional flow

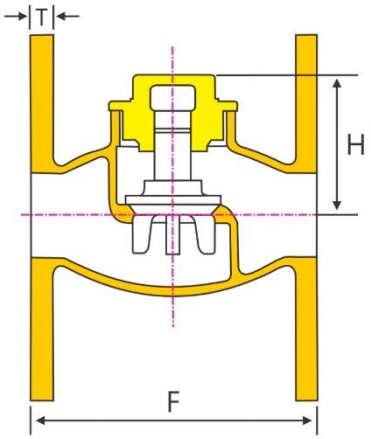
Standard & Testing:

- Test Pressure: 500 PSIG (Hydrostatic)

Item 17 | Bronze Horizontal Check Valve NO. 9 (Flanged)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2
Disc & Seat Ring	Stainless Steel	AISI 410

Sizes Available

Size
8/10/15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
65 mm
80 mm
100 mm

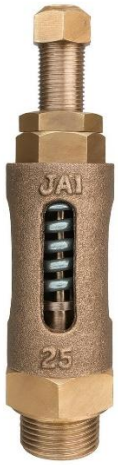
Product Features:

- Flanged Ends as per Table ‘D’
- With Renewable Stainless Steel 410 Parts
- Inside Screw
- Integral Seat
- Designed for Horizontal Piping Systems.
- Uni-directional flow

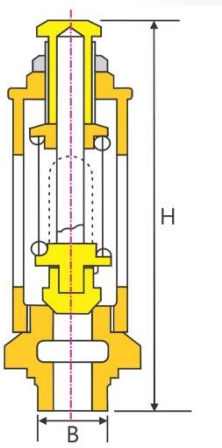
Standard & Testing:

- Test Pressure: 500 PSIG (Hydrostatic)

Item 18 | Bronze Spring Relief Valve/Safety Valve (Straight Type)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Stem	Bronze / Gun Metal	IS:318 Gr. LTB 2
Check Nut, Chamber, Screw	Bronze / Gun Metal	IS:318 Gr. LTB 2
Spring	Spring Steel(Powder Coated)	EN 47 Gr. B

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm

Product Features:

- Open Discharge
- Screwed Male Ends as per IS: 554 (BS 21).
- Heavy Duty SS Spring Loaded.
- Max Set Pressure 150 PSIG

*ALSO AVAILABLE WITH SOFT SPRING FOR LOW PRESSURE APPLICATIONS.

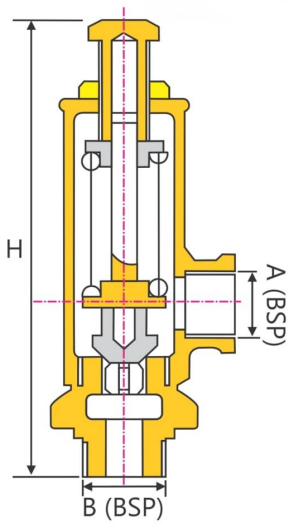
Standard & Testing:

Test Pressure: 250 PSIG (Hydrostatic)

Item 19 | Bronze Spring Relief Valve/Safety Valve (Angle Type)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Stem	Bronze / Gun Metal	IS:318 Gr. LTB 2
Check Nut, Chamber, Screw	Bronze / Gun Metal	IS:318 Gr. LTB 2
Spring	Spring Steel(Powder Coated)	EN 47 Gr. B

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
_____
_____

Product Features:

- Enclosed Discharge
- Right Angle Type
- Screwed Male Ends as per IS: 554 (BS 21).
- Heavy Duty SS Spring Loaded.
- Max Set Pressure 150 PSIG

*ALSO AVAILABLE WITH SOFT SPRING FOR LOW PRESSURE APPLICATIONS

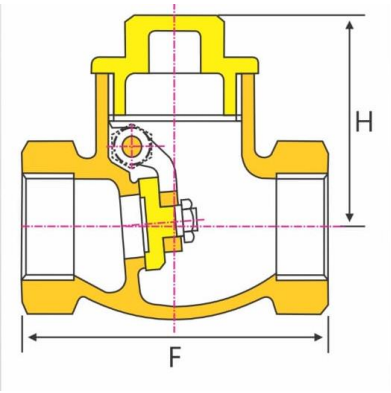
Standard &Testing:

Test Pressure: 250 PSIG (Hydrostatic)

Item 20 | Bronze Swing Check Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Cover	Brass	IS:6912 Gr. FLB
Nut	Brass	IS:6912 Gr. FLB
Hinge & Hinge Pin	Brass	IS:6912 Gr. FLB
Plug	Stainless Steel	AISI 304

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
_____
_____

Product Features:

- Screwed Female Ends as per IS:554 (BSP)
- Integral Seat
- Screwed In Bonnet
- Metal to Metal Seating
- Suitable for Both Vertical and Horizontal Piping Systems.

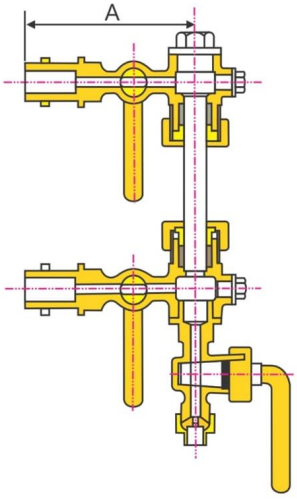
Standard & Testing:

- Test Pressure: TESTED 500 PSIG (Hydrostatic)

Item 21 | Bronze Asbestos Packed Water Level Gauge



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Gland Nut	Bronze / Gun Metal	IS:318 Gr. LTB 2
Plug & Gland	Bronze / Gun Metal	IS:318 Gr. LTB 2
Gland Packing	Graphited Asbestos	IS: 4687
Glass Tube	Toughened Glass	BS: 3463

Sizes Available

Size
15 mm
20 mm
_____
_____
_____
_____
_____

Product Features:

- Complete Set Rough Body.
- Screwed Male Ends
- Asbestos Gland Packing.
- Set available for both, Right Hand and Left-Hand operations.

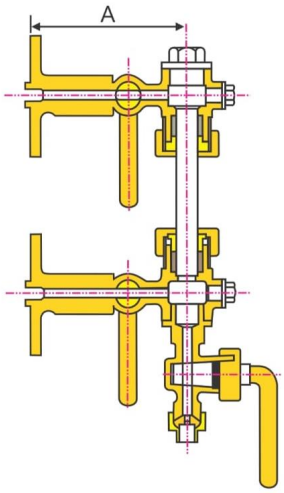
Standard & Testing:

- Test Pressure: 300 PSIG
- Working Pressure: 150 PSIG(Steam)

Item 22 | Bronze Asbestos Packed Water Level Gauge (Flanged)



Technical Diagram



Materials of Construction:

Part	Material	Specification
Body & Gland Nut	Bronze / Gun Metal	IS:318 Gr. LTB 2
Plug & Gland	Bronze / Gun Metal	IS:318 Gr. LTB 2
Gland Packing	Graphited Asbestos	IS: 4687
Glass Tube	Toughened Glass	BS: 3463
Gasket	Steam Jointing Sheet	IS: 2712 Gr. W/3
Cover Nut, Back nut & Fastening Nut	Brass	IS: 6912 Gr.FLB

Sizes Available

Size
15 mm
20 mm
_____
_____
_____
_____
_____

Product Features:

- Flanged Ends to BS 10 Table ‘F’.
- Complete Set Rough Body.
- Asbestos Gland Packing.
- Set available for both, Right Hand and Left-Hand operations.

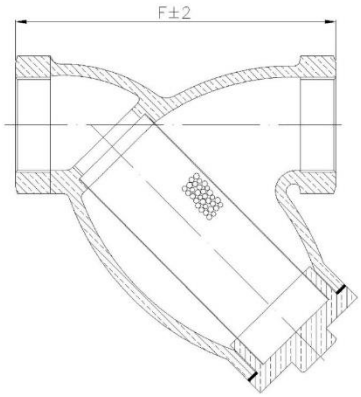
Standard & Testing:

- Test Pressure: 300 PSIG
- Working Pressure: 150 PSIG (Steam)

Item 23 | Bronze “Y” Type Strainer (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Cover	Bronze / Gun Metal	IS:318 Gr. LTB 2
Screen (Mesh)	Stainless Steel	AISI 304

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
_____

Product Features:

- Screwed Female Ends to BSPT.
- Heavy Duty Non-Magnet S.S 304 Screen.
- Maximum Steam Pressure 250 psig
- Max Working Temperature 225°C

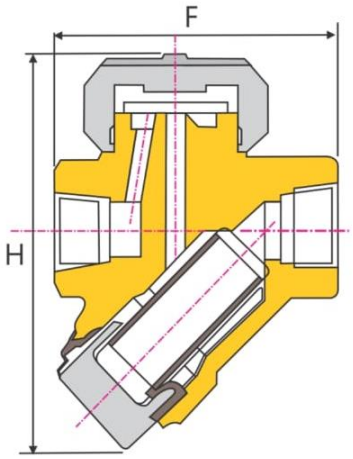
Standard & Testing:

- Test Pressure: 5PSIG(Hydrostatic)

Item 24 | Bronze Thermodynamic Steam Trap



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body	Bronze / Gun Metal	IS:318 Gr. LTB 2
Cover	Stainless Steel	AISI 304
Upper Disc & Seat	Stainless Steel	AISI 410
Screen (Mesh)	Stainless Steel	AISI 304
Top & Bottom Nut	Stainless Steel	AISI 410

Sizes Available

Size
15 mm
20 mm
25 mm
_____
_____
_____

Product Features:

- Screwed Female Ends to BSPT.
- Integral Strainer
- With Renewable S.S. (AISI 410) Working Parts.
- Heavy Duty Non-Magnet S.S 304 Screen.

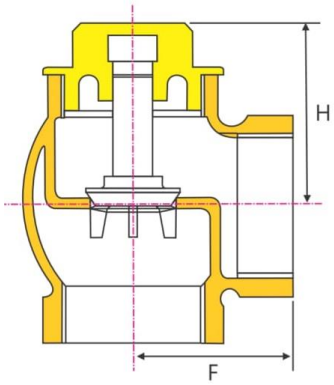
Standard & Testing:

- Test Pressure: 500 PSIG (Hydrostatic)

Item 25 | Bronze Angle Type Horizontal Lift Check Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet	Bronze / Gun Metal	IS:318 Gr. LTB 2 / IS:6912 Gr. FLB

Sizes Available

Size
32 mm
40 mm
50 mm
_____
_____
_____
_____
_____

Product Features:

- Screwed Female Ends (BSP) to IS: 554.
- Integral Seat
- Screwed in Bonnet
- Metal to Metal contact seating.
- Uni-Directional Flow

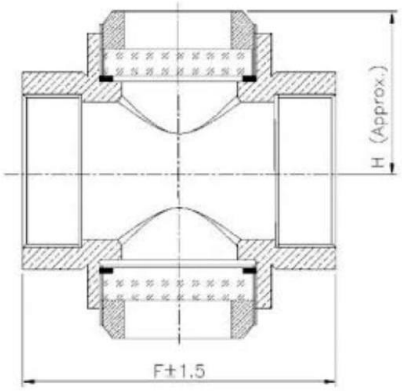
Standard & Testing:

- Test Pressure: 340 PSIG(Hydrostatic)

Item 26 | Bronze Sight Glass



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Ring	Bronze / Gun Metal	IS:318 Gr. LTB 2
Gasket	PTFE	BS EN 12086 - 1
Window	Toughened Glass	_____

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm

Product Features:

- Screwed Female Ends (BSPT).
- Toughened Glass Screen
- Max Working Temperature 225°C
- Clear viewing of the media.

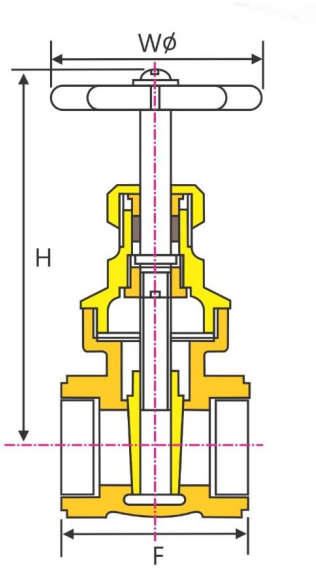
Standard & Testing:

- Test Pressure: 300 PSIG (Hydrostatic)

Item 27 | Bronze Tanker Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Wedge	Bronze / Gun Metal	IS:318 Gr. LTB 2
Bonnet, Stuffing Box	Bronze / Gun Metal	IS:318 Gr. LTB 2
Gland & Gland Nut	Bronze / Gun Metal	IS:318 Gr. LTB 2
Spindle	Forged Brass	IS: 6912 Gr. FLB
Hand wheel	Cast Iron	IS: 210 FG 200

Sizes Available

Size
50 mm
80 mm (***Class I & Class II***)
Custom DN (Sizes)are also available upon request

Product Features:

- Screwed Female Ends to IS:554/BS 21.
- Solid Double Wedge.
- Non-Rising Stem.
- Inside Screw.
- Screwed in Bonnet.

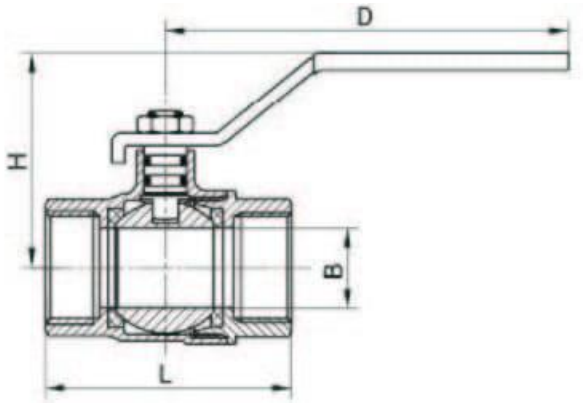
Standard & Testing

Test Pressure: TESTED 500 PSIG

Item 28 | Brass Ball Valve (Heavy Duty)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body	Cast Brass	IS: 6912 Gr. FLB
Bonnet	Cast Brass	IS: 6912 Gr. FLB
Ball & Spindle	Stainless Steel	AISI 304
Seat & Seal	PTFE	BS EN 12086 - 1

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
_____
_____
_____

Product Features:

- Screwed Female Ends to IS: 554 / BS 21.
- Full Bore.
- One piece design.
- Teflon (P.T.F.E) Seat & Seals.
- Inside Pin
- S.S. 304 Ball and Stem

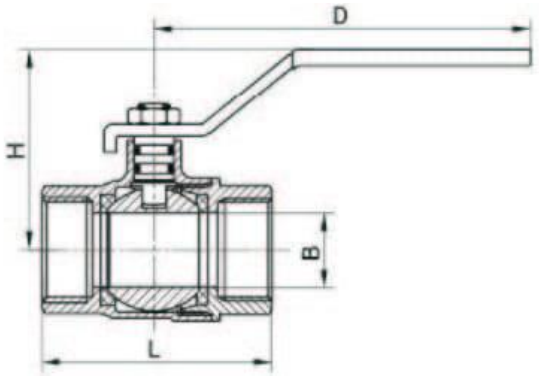
Standard & Testing:

- Shell: Tested 300 lbs
- Seat: Tested 200 lbs

Item 29 | Brass Ball Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body	Cast Brass	IS: 6912 Gr. FLB
Bonnet	Cast Brass	IS: 6912 Gr. FLB
Ball & Spindle	Stainless Steel	AISI 304
Seat & Seal	PTFE	BS EN 12086 - 1

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm
_____
_____
_____

Product Features:

- Screwed Female Ends to IS: 554 / BS 21.
- Full Bore.
- One piece design.
- Teflon (P.T.F.E) Seat & Seals.
- Inside Pin
- S.S. 304 Ball and Stem

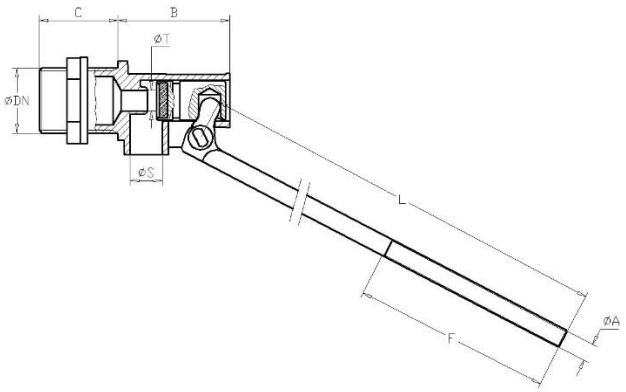
Standard & Testing:

- Shell: Tested 300 lbs
- Seat: Tested 200 lbs

Item 30 | Brass Float Valve (Screwed)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Piston	Cast Brass	IS: 1264 Gr. DCB 2
Rod & Nut	Forged Brass	IS:6912 Gr. FLB
Rubber Washer	Nitrile Rubber	IS: 5192 - 1
Check Nut	Brass	IS: 1264 Gr. DCB 2

Sizes Available

Size
15 mm
20 mm
25 mm
32 mm
40 mm
50 mm

Product Features:

- Full Bore Design
- Nitrile Rubber Seat
- High-Quality Synthetic Rubber Washer.
- Screwed Male ends as per BSP.

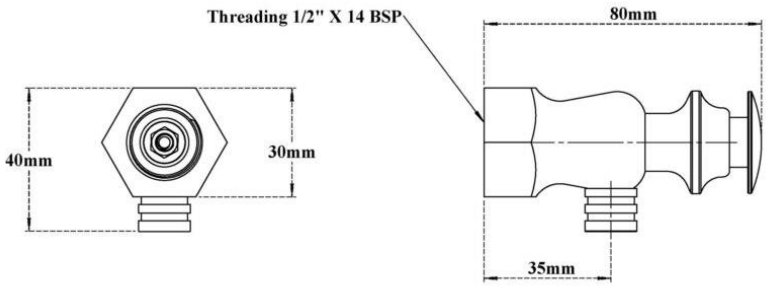
Standard & Testing:

- Test Pressure: 300 lbs

Item 31 | Brass Push Cock



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Piston	Brass (Chrome Plated)	IS: 1264 Gr. DCB 2
Push Button Cap	Brass (Chrome Plated)	IS: 1264 Gr. DCB 2
Spring	Spring Steel	EN 47 Gr. B

Sizes Available

Size
15 mm
_____
_____
_____
_____
_____
_____
_____

Product Features:

- Screwed Female Ends to BSP.
- Self closing mechanism
- Polished Chrome Finish
- Also available in screwed male ends.
- Wall/ Deck mounted installation.

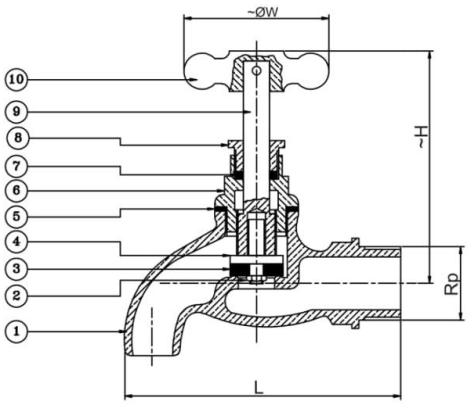
Standard & Testing:

- Shell - Tested 200 lbs
- Seat - Tested 100 lbs

Item 32 | Bib Cock & Stop Cock (Male & Female)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Jumper Valve	Cat Brass	IS:1264 Gr. DCB 2
Stem	Forged Brass	IS:6912 Gr. FLB
Washer	Nitrile Rubber	IS: 5192 - 1

Sizes Available

Size
15 mm
20 mm
25 mm
_____
_____
_____
_____
_____

Product Features:

- Screwed Male Inlet.
- BSP Parallel Threads.
- Brass Die-Casted.

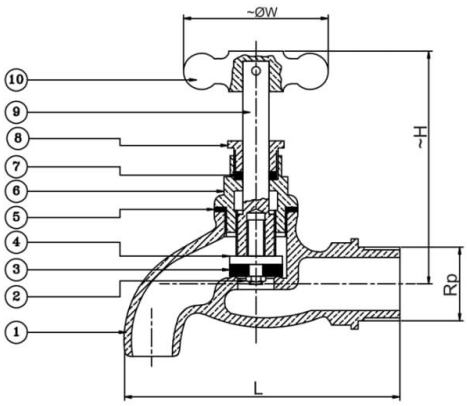
Standard & Testing:

- Test Pressure: TESTED 300 lbs

Item 33 | Hose Bib Cock & Stop cock (Male & Female)



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Jumper Valve	Cat Brass	IS:1264 Gr. DCB 2
Stem	Forged Brass	IS:6912 Gr. FLB
Washer	Nitrile Rubber	IS: 5192 - 1
Nozzle	Cast Brass	IS:1264 Gr. DCB 2

Sizes Available

Size
15 mm
20 mm
25 mm
_____
_____
_____
_____
_____

Product Features:

- Screwed Female Ends.
- BSP Parallel Threads.
- Brass Die-Casted.

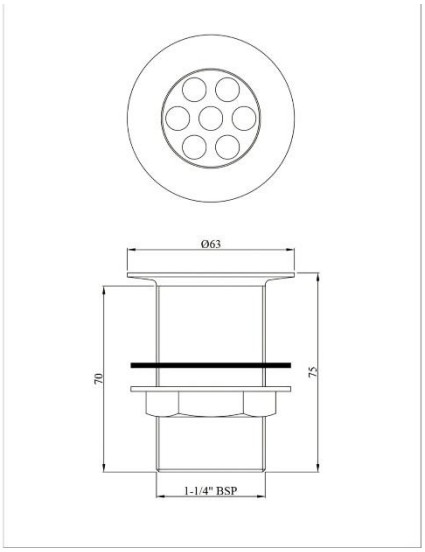
Standard & Testing:

- Test Pressure: TESTED 300 lbs

Item 34 | Brass/Stainless Steel Waste Coupling



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body (Chrome Plated)	Brass / Stainless Steel	IS:1264 Gr. DCB 2 / AISI 304
Check Nut	Forged Brass	IS:6912 Gr. FLB
Washer	Nitrile Rubber	IS: 5192 - 1

Sizes Available

Size
32 mm (4” & 6”)
_____
_____
_____
_____
_____
_____
_____

Product Features:

- Screwed male inlet.
- Superior Drainage.
- Stain and Rust Resistant.
- Heavy Duty Brass Nut.

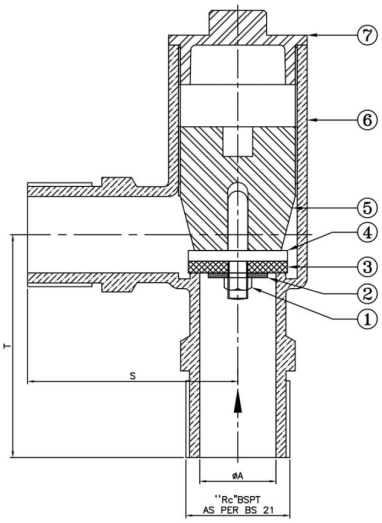
Standard & Testing:

- Test Pressure: 5 lbs to verify no leaks

Item 35 | Brass Ferrule Cock



Technical Diagram



Materials of Construction (typical, per IS specification)

Part	Material	Specification
Body & Disc	Cast Brass	IS: 1264 Gr. DCB 2
Plug	Cast Brass	IS: 1264 Gr. DCB 2
Rubber Washer	Nitrile Rubber	IS: 5192 - 1
Joint Washer	Leather	_____

Sizes Available

Size
15 mm
_____
_____
_____
_____
_____
_____
_____

Product Features:

- Screwed Male Ends to IS: 554.
- Designed for water systems.
- Resilient Rubber Disc.
- Brass Die-Casted.
- Suitable for both above ground and below ground installation.

Standard & Testing:

- Shell: 300 lbs
- Seat: 200 lbs

FULL PRODUCT RANGE — ISI MARKED VALVES

Price List No. JAI/01/26, w.e.f. 28 Jan 2026. All prices in Rs., ex-factory Jalandhar. Taxes extra as applicable.

Item	Size Range
G.M. Gate Valve CL-1 (Screwed)	8 – 100 mm
G.M. Vertical Check Valve CL-1 (Screwed)	15 – 100 mm
G.M. Horizontal Check Valve CL-1 (Screwed)	15 – 100 mm
G.M. Globe Valve CL-1 (Screwed)	15 – 100 mm
G.M. Gate Valve CL-1 (Flanged)	15 – 100 mm
G.M. Globe Valve CL-1 (Flanged)	15 – 100 mm
G.M. Horizontal Check Valve CL-1 (Flanged)	15 – 100 mm
G.M. Ferrule Valve, IS:2692 (Screwed)	15 – 50 mm
Bronze Ball Valve, heavy pattern (Screwed)	15 – 100 mm
Bronze Ball Valve, heavy pattern (Flanged)	15 – 100 mm

FULL PRODUCT RANGE — INDUSTRIAL RANGE

Item	Size Range
Bronze Union Bonnet Wheel Valve No.9 (Screwed)	8 – 100 mm
Bronze Union Bonnet Wheel Valve No.9F (Flanged)	8 – 100 mm
Wheel Valve No.5, heavy pattern (Screwed)	15 – 100 mm
Bronze Wheel Valve No.5, SS trim (Screwed)	15 – 100 mm
Bronze Horizontal Check Valve No.5 (Screwed)	15 – 100 mm
Bronze Union Bonnet Horiz. Check Valve No.9 (Screwed)	8 – 100 mm
Bronze Union Bonnet Horiz. Check Valve No.9 (Flanged)	8 – 100 mm
Bronze Spring Relief Valve, straight, open discharge	15 – 50 mm
Bronze Spring Relief Valve, angle, enclosed discharge	15 – 50 mm
Bronze Swing Check Valve, integral seat (Screwed)	15 – 50 mm
Bronze Asbestos-Packed Water Level Gauge, rough body	15 – 20 mm
Bronze Water Level Gauge, rough body (Flanged)	15 – 20 mm
Bronze 'Y' Type Strainer, heavy duty	15 – 50 mm
Bronze Thermodynamic Steam Trap	15 – 25 mm
Bronze Angle Check Valve, metal seat, petrol use	15 – 100 mm
Bronze Sight Glass, toughened glass	15 – 50 mm
Bronze Tanker Valve, double wedge (heavy pattern)	50 – 80 mm

FULL PRODUCT RANGE — BRASS RANGE

Item	Size Range
Brass Ball Valve, SS AISI-304 ball & pin, full bore	15 – 50 mm
Brass Ball Valve (Cutter), full bore	15 – 50 mm
Brass Float Valve, nitrile seat, full bore	15 – 100 mm
Brass Push Cock	15 mm
Bib Cock & Stop Cock (Male & Female)	15 – 25 mm
Hose Bib Cock & Stop Cock (Male & Female)	15 – 25 mm
Waste Coupling (4" / 6")	32 mm
Brass Ferrule Cock	15 mm

A Non-ISI range is also available on request, including Fullway Valves, Globe Valves No.3/4/5, Horizontal & Vertical Check Valves, Ferrule Cocks (Light/Medium/Heavy), Prince Flush Cocks and Foot Valves. Full codes and rates are available on enquiry.

CONTACT US



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