GATRAL

INDUSTRIES

PREMIUM QUALITY BRASS VALVES & FITTINGS

Innovation



In Every Turn

PRODUCT CATALOGUE

Brass valves made to last, from Jamnagar to the world.

Gatral Industries of Jamnagar, Gujarat (India) is a manufacturer and supplier of high-quality brass valves. With over three decades of expertise, we make a wide range of products, including brass ball valves, check valves (NRV) and control valves, widely used in plumbing, sewage systems and agricultural water pipelines.

We are committed to delivering premium-quality products that ensure durability, efficiency and long service life. Our valves are designed to reduce water-hammer effects, prevent backflow and minimise head loss, making them reliable for diverse applications.

Our Vision

To be a global leader in the brass valve manufacturing industry by consistently providing innovative and reliable solutions that meet the evolving needs of our customers.

Our Mission

To manufacture high-quality brass valves that meet international standards.

To deliver exceptional customer satisfaction through innovation, quality and service excellence.

To contribute to sustainable development by producing durable, eco-friendly products.

WHY CHOOSE US

Tradition, blended with innovation.

At Gatral Industries we deliver products that meet the diverse needs of modern industries.

Extended experience
Over three decades of industry expertise.

Top-quality materials
100% brass material for durability and performance.

Wide applications
Ideal for plumbing, sewage and agricultural pipelines.

Reliable products
Minimal head loss and long service life.

Global reach
Trusted supplier and exporter across India and beyond.

HOW WE MAKE IT

From raw brass to finished valve.

Ten stages, with quality checks built into the line.



01 Metal Foundry
Brass alloy is melted and cast.

02 Extrusion Press
Cast brass is extruded into rods.

03 Stock
Rods are stored and issued for each job.

04 Forging
Rods are hot-forged into valve bodies.

05 Manufacturing
Bodies are machined, drilled and threaded.

06 Quality Check
Machined parts are inspected.

07 Nickel Process
Parts are plated for finish and protection.

08 Assemble
Ball, seats, stem and lever are fitted.

09 Checking
Finished valves are checked before packing.

10 Final Packing
Packed and labelled for dispatch.

BV-101 – BV-108

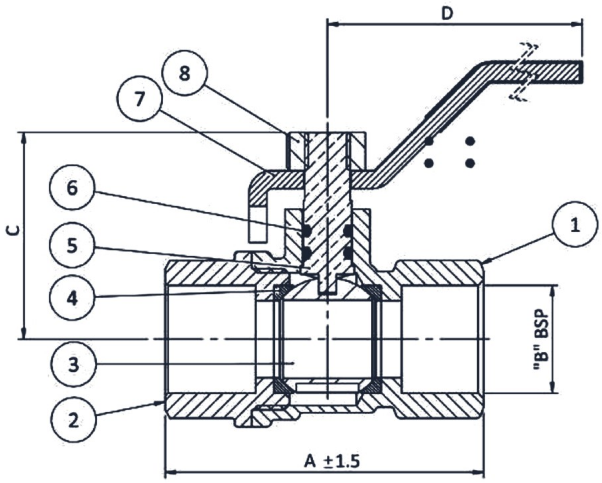
Brass Light Ball Valve

SIZE RANGE

¼" – 2"



SECTIONAL DRAWING



- Forged brass body
- Nickel plated
- PTFE seats
- BSP female thread

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass, nickel plated	1
2	Body nut	Brass	1
3	Ball	Forged brass (hard chrome plated)	1
4	Body seat	PTFE	2
5	Stem	Forged brass	1
6	O-ring	NBR	2
7	Lever	Mild steel / stainless steel / aluminium alloy	1
8	Lock nut	Brass	1
9	Sleeve	PVC	1

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
BV-101	¼"	8	115 g	200 pcs
BV-102	⅜"	10	130 g	200 pcs
BV-103	½"	15	160 g	200 pcs
BV-104	¾"	20	240 g	150 pcs
BV-105	1"	25	340 g	100 pcs
BV-106	1¼"	32	650 g	60 pcs
BV-107	1½"	40	750 g	60 pcs
BV-108	2"	50	1,100 g	30 pcs

DIMENSIONS

mm unless marked "

SIZE	A ±1.5	B	C	D
¼"	47	¼"	37	90
⅜"	47	⅜"	37	90
½"	54	½"	48.5	100
¾"	58	¾"	51	100
1"	63	1"	64	111
1¼"	75	1¼"	80	145
1½"	84	1½"	88	148
2"	95	2"	102	148

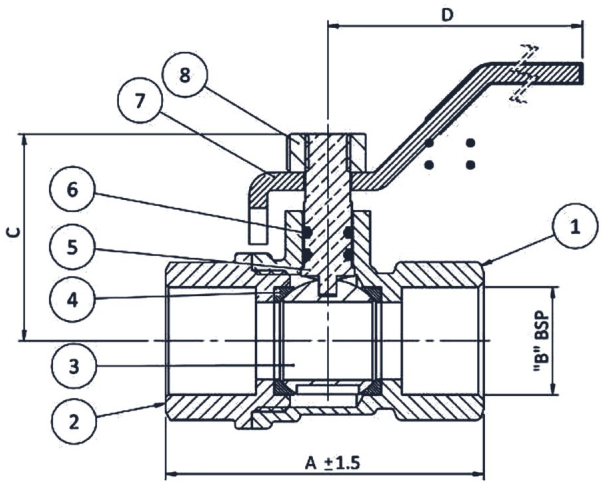
BV-201 – BV-203

Brass Heavy Ball Valve

SIZE RANGE
½" – 1"



SECTIONAL DRAWING



- Heavy forged body
- Nickel plated
- PTFE seats
- BSP female thread

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass, nickel plated	1
2	Body nut	Brass	1
3	Ball	Forged brass (hard chrome plated)	1
4	Body seat	PTFE	2
5	Stem	Forged brass	1
6	O-ring	NBR	2
7	Lever	Mild steel / stainless steel / aluminium alloy	1
8	Lock nut	Brass	1
9	Sleeve	PVC	1

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
BV-201	½"	15	200 g	150 pcs
BV-202	¾"	20	280 g	150 pcs
BV-203	1"	25	380 g	100 pcs

DIMENSIONS

mm unless marked "

SIZE	A ±1.5	B	C	D
½"	57	½"	50	100
¾"	63	¾"	57	100
1"	66	1"	64	111

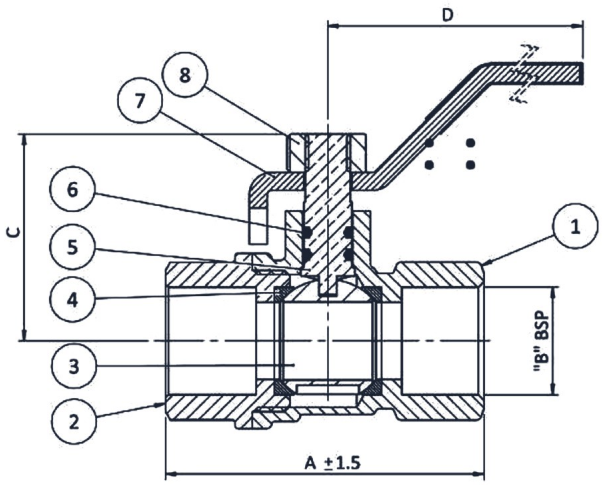
BV-301 – BV-303

Brass Premium Ball Valve

SIZE RANGE
½" – 1"



SECTIONAL DRAWING



- Premium forged body
- Nickel plated
- PTFE seats
- BSP female thread

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass, nickel plated	1
2	Body nut	Brass	1
3	Ball	Forged brass (hard chrome plated)	1
4	Body seat	PTFE	2
5	Stem	Forged brass	1
6	O-ring	NBR	2
7	Lever	Mild steel / stainless steel / aluminium alloy	1
8	Lock nut	Brass	1
9	Sleeve	PVC	1

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
BV-301	½"	15	220 g	150 pcs
BV-302	¾"	20	300 g	150 pcs
BV-303	1"	25	400 g	100 pcs

DIMENSIONS

mm unless marked "

SIZE	A ±1.5	B	C	D
½"	61	½"	51	100
¾"	71	¾"	59	100
1"	66	1"	64	111

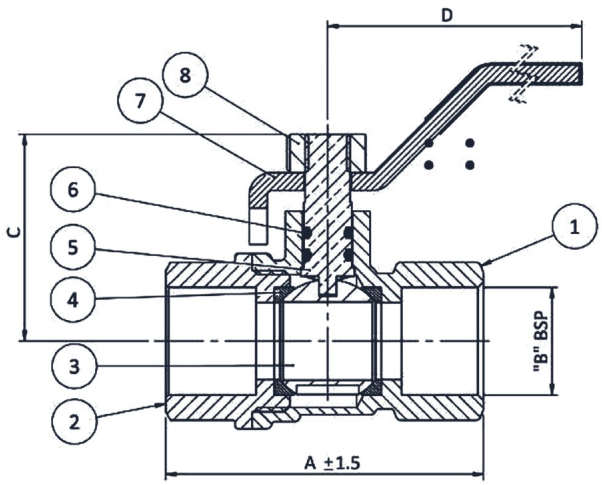
BV-701 – BV-703

Brass Butterfly Ball Valve

SIZE RANGE
½″ – 1″



SECTIONAL DRAWING



- Butterfly handle
- Nickel plated
- PTFE seats
- BSP male × female

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass, nickel plated	1
2	Body nut	Brass	1
3	Ball	Forged brass (hard chrome plated)	1
4	Body seat	PTFE	2
5	Stem	Forged brass	1
6	O-ring	NBR	2
7	Lever	Aluminium alloy	1
8	Lock nut	Brass	1
9	Sleeve	PVC	1

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
BV-701	½″	15	175 g	150 pcs
BV-702	¾″	20	270 g	150 pcs
BV-703	1″	25	340 g	100 pcs

DIMENSIONS

mm unless marked ″

SIZE	A ±1.5	B	C
½″	57	½″	50
¾″	63	¾″	57
1″	66	1″	64

BV-801 – BV-803

Brass Ball Valve

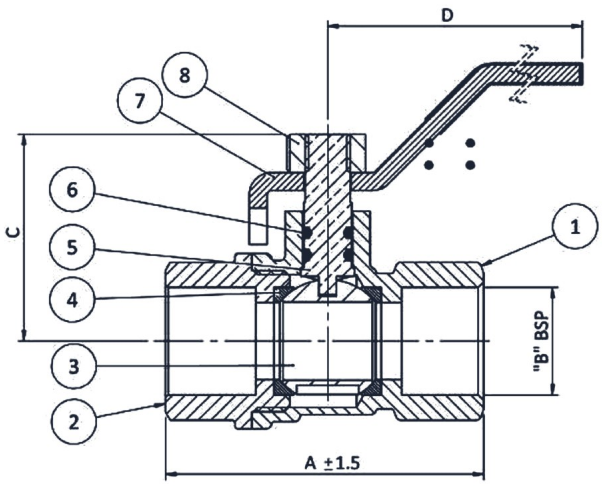
Male × Female

SIZE RANGE

½" – 1"



SECTIONAL DRAWING



- Forged brass body
- Nickel plated
- PTFE seats
- BSP male × female

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass, nickel plated	1
2	Body nut	Brass	1
3	Ball	Forged brass (hard chrome plated)	1
4	Body seat	PTFE	2
5	Stem	Forged brass	1
6	O-ring	NBR	2
7	Lever	Mild steel / stainless steel / aluminium alloy	1
8	Lock nut	Brass	1
9	Sleeve	PVC	1

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
BV-801	½"	15	180 g	150 pcs
BV-802	¾"	20	260 g	150 pcs
BV-803	1"	25	370 g	100 pcs

DIMENSIONS

mm unless marked "

SIZE	A ±1.5	B	C	D
½"	58	½"	51	100
¾"	64	¾"	57	100
1"	71	1"	63	111

CBV-1101 – CBV-1104

Brass Concealed Ball Valve

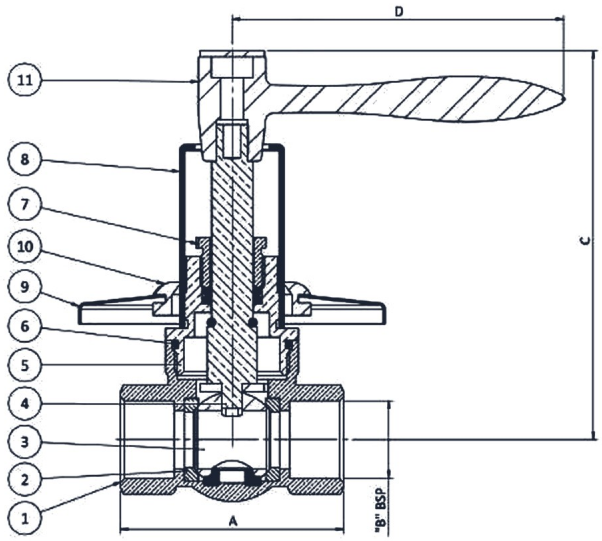
Control Valve · Terrim Series

SIZE RANGE

½" – 1½"



SECTIONAL DRAWING



- Forged brass body
- Chrome finish
- TFM seat rings
- BSP female thread

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass	1
2	Seat ring	TFM	2
3	Ball	Forged brass (hard chrome plated)	1
4	Spindle	Brass	1
5	Stopper plate	Stainless steel	1
6	Adaptor nut	Brass	1
7	Gland nut	Brass	1
8	Glassy	Brass	1
9	Flange	Stainless steel / brass	1
10	Support washer	NBR	1
11	Lever	Brass	1
12	Screw	Stainless steel	1
13	Cap	Brass	1
14	O-ring	NBR	2

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
CBV-1101	½"	15	380 g	75 pcs
CBV-1102	¾"	20	490 g	75 pcs
CBV-1103	1"	25	640 g	50 pcs
CBV-1104	1½"	40	1,230 g	30 pcs

DIMENSIONS

mm unless marked "

SIZE	A ±1.5	B	C	D
½"	54	½"	88	79
¾"	59	¾"	97	79
1"	70	1"	97	79
1½"	94	1½"	113	80

CBV-1201 – CBV-1203

Brass Concealed Ball Valve

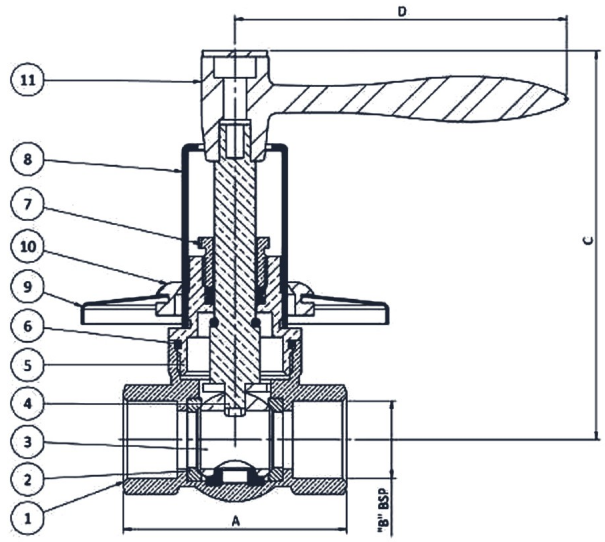
Control Valve · Prince Series

SIZE RANGE

½" – 1"



SECTIONAL DRAWING



- Forged brass body
- Chrome finish
- TFM seat rings
- BSP female thread

MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL	QTY
1	Body	Forged brass	1
2	Seat ring	TFM	2
3	Ball	Forged brass (hard chrome plated)	1
4	Spindle	Brass	1
5	Stopper plate	Stainless steel	1
6	Adaptor nut	Brass	1
7	Gland nut	Brass	1
8	Glassy	Brass	1
9	Flange	Stainless steel / brass	1
10	Support washer	NBR	1
11	Lever	Brass	1
12	Screw	Stainless steel	1
13	Cap	Brass	1
14	O-ring	NBR	2

SIZES & PACKING

CODE	SIZE	DN (MM)	WEIGHT	PACKING
CBV-1201	½"	15	360 g	75 pcs
CBV-1202	¾"	20	450 g	50 pcs
CBV-1203	1"	25	610 g	50 pcs

DIMENSIONS

mm unless marked "

SIZE	A ±1.5	B	C	D
½"	54	½"	88	79
¾"	59	¾"	97	79
1"	70	1"	97	79

GATRAL INDUSTRIES

PREMIUM QUALITY BRASS VALVES & FITTINGS

GET IN TOUCH

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