



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Valves & Actuation

Industrial Ball Valves

BALL VALVES



- Full bore
- Long thread
- Flat steel handle
- Seal material PTFE

Working Temperature
-15°C to +120°C

Maximum Working Pressure:
25 bar

Red Steel Long Handle



Female x Female, BSPP

0109	Thread
2023-0439	1/4"
2023-0447	3/8"
2023-0454	1/2"
2023-0462	3/4"
2023-0470	1"
2023-0488	1.1/4"
2023-0496	1.1/2"
2023-0504	2"
2023-0512	2.1/2"
2023-0520	3"
2023-0538	4"

Tech Sheet 837

Blue Steel Long Handle



Female x Female, BSPP

0109	Thread
2042-5336	1/4"
2042-5337	3/8"
2042-5338	1/2"
2042-5339	3/4"
2042-5340	1"
2042-5341	1.1/4"
2042-5342	1.1/2"
2042-5343	2"
2042-5344	2.1/2"
2042-5345	3"
2042-5346	4"

Tech Sheet 837

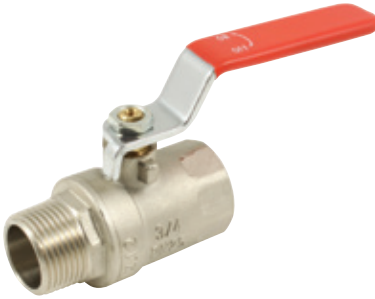
Green Steel Long Handle



Female x Female, BSPP

0109	Thread
2046-1695	1/4"
2046-1703	3/8"
2046-1711	1/2"
2046-1729	3/4"
2046-1737	1"
2046-1745	1.1/4"
2046-1752	1.1/2"
2046-1760	2"

Tech Sheet 837



Male x Female, BSPP

0109	Thread
2024-1808	1/4"
2024-1816	3/8"
2024-1824	1/2"
2024-1832	3/4"
2024-1840	1"
2024-1857	1.1/4"
2024-1865	1.1/2"
2024-1873	2"

Tech Sheet 790



Male x Female, BSPP

0109	Thread
2064-7889	1/4"
2064-7897	3/8"
2064-7905	1/2"
2064-7913	3/4"
2064-7921	1"
2064-7939	1.1/4"
2064-7947	1.1/2"
2064-7954	2"

Tech Sheet 790



Male x Female, BSPP

0109	Thread
2064-7962	1/4"
2064-7970	3/8"
2064-7988	1/2"
2064-7996	3/4"
2064-8002	1"

Tech Sheet 790

Brass Ball Valves, Full Bore

- Long thread
 - Seal material PTFE
- Working Temperature:**
-10°C to +60°C
- Maximum Working Pressure:** 25 bar



Female x Female, BSPP

0109	Thread
2024-1915	1/4"
2024-1923	3/8"
2024-1949	1/2"
2024-1964	3/4"
2024-1980	1"

Tech Sheet 1763

- Working Temperature:**
-10°C to +60°C
- Maximum Working Pressure:** 25 bar

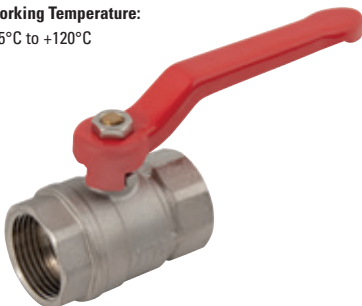


Male x Female, BSPP

0109	Thread
2024-2079	1/4"
2024-2087	3/8"
2024-2095	1/2"
2024-2103	3/4"
2024-2111	1"

Tech Sheet 1763

- Working Temperature:**
-15°C to +120°C



Female x Female, BSPP, Lever Handle

0906	Thread	Max Pressure bar
BV90-14	1/4"	40
BV90-38	3/8"	40
BV90-12	1/2"	25
BV90-34	3/4"	25
BV90-1	1"	25
BV90-114	1.1/4"	25
BV90-112	1.1/2"	25
BV90-2	2"	25

Tech Sheet 10023

Light Model Brass Ball Valves

- Lightweight, low pressure brass ball valve
 - Suitable for domestic water services, heating, air conditioning and compressed air systems
- Working Temperature:**
-15°C to +120°C
- Maximum Working Pressure:** 25 bar



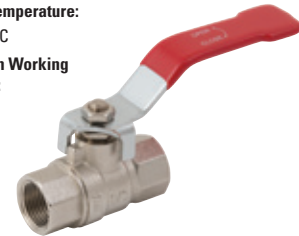
Female x Female, BSPP, Lever Handle

0109	Thread
LMBV-12	1/2"
LMBV-34	3/4"
LMBV-1	1"
LMBV-114	1.1/4"
LMBV-112	1.1/2"
LMBV-2	2"

Tech Sheet 10157

Heavy Model Brass Ball Valves, Full Bore

- Working Temperature:**
0°C to +90°C
- Maximum Working Pressure:** 40 bar

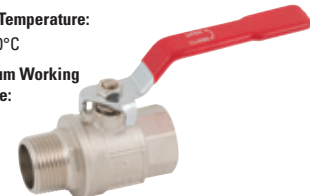


Female x Female, BSPP, Lever Handle

0906	Thread
HMBV-14	1/4"
HMBV-38	3/8"
HMBV-12	1/2"
HMBV-34	3/4"
HMBV-1	1"
HMBV-114	1.1/4"
HMBV-112	1.1/2"
HMBV-2	2"
HMBV-212	2.1/2"
HMBV-3	3"
HMBV-4	4"

Tech Sheet 60402

- Working Temperature:**
0°C to +90°C
- Maximum Working Pressure:** 40 bar

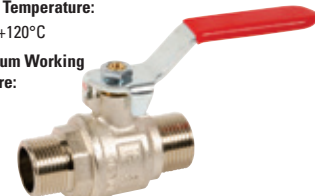


Male x Female, BSPP, Long Female Thread, Lever Handle

0109	Thread
BV13-14	1/4"
BV13-38	3/8"
BV13-12	1/2"
BV13-34	3/4"
BV13-1	1"

Tech Sheet 68239

- Working Temperature:**
-10°C to +120°C
- Maximum Working Pressure:** 40 bar



Male x Male, BSPP, High Pressure PN40, Lever Handle

0109	Thread
BV538-38	3/8"
BV538-12	1/2"
BV538-34	3/4"
BV538-1	1"

Tech Sheet 68240



stainless steel

For Stainless Steel
2 Piece Ball Valves
see page 1289

BALL VALVES



Heavy Model Brass Ball Valves, Full Bore

° Working Temperature:
0°C to +90°C

Maximum Working
Pressure: 40 bar



Female x Female, BSPP, Long Thread, Wing Handle

0109	Thread
BV12-14W	1/4"
BV12-38W	3/8"
BV12-12W	1/2"
BV12-34W	3/4"
BV12-1W	1"

Tech Sheet 68238



Male x Female, BSPP, Long Female Thread, Wing Handle

0109	Thread
BV13-14W	1/4"
BV13-38W	3/8"
BV13-12W	1/2"
BV13-34W	3/4"
BV13-1W	1"

Tech Sheet 68239



Male x Male, BSPP, High Pressure Version, Wing Handle

0109	Thread
BV548-38	3/8"
BV548-12	1/2"
BV548-34	3/4"
BV548-1	1"

Tech Sheet 68240

Right Angled, Brass Ball Valves, Full Bore

° Working Temperature:
-20°C to +150°C



Type BV07, Female x Female, BSPP

0090	Thread	Max Pressure Bar
BV07-12	1/2"	40
BV07-34	3/4"	30
BV07-1	1"	30

Tech Sheet 10035

Ball Valve with Strainer, Full Bore

° Working Temperature:
-20°C to +150°C



Type BV620, Female x Female, BSPP

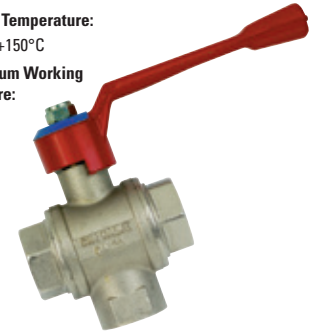
0090	Thread	Max Pressure Bar
BV620-12	1/2"	50
BV620-34	3/4"	40

Tech Sheet 10294

3 Way Diverter, Ball Valves

° Working Temperature:
-20°C to +150°C

Maximum Working
Pressure:
25 bar



3 Way BSPP, Female x Female x Female, T Port

0090	Thread
BV23-12	1/2"
BV23-34	3/4"
BV23-1	1"

Tech Sheet 10293

Brass Ball Valves

° Working Temperature:
-10°C to +100°C

Maximum Working
Pressure:
25 bar



3 Way BSPP, Bottom Entry Ball Valve, L Port

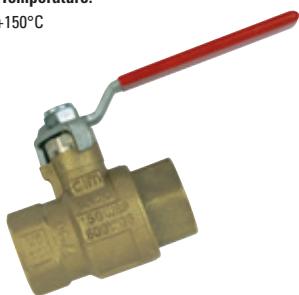
0906	Thread
534-14	1/4"
534-38	3/8"
534-12	1/2"
534-34	3/4"
534-1	1"
534-114	1.1/4"
534-112	1.1/2"
534-2	2"
534-3	3"

Tech Sheet 68242

Looking for bespoke Flow Path Configuration?
Contact our technical team.

Full Bore, Ball Valves, Brass, Unplated

° Working Temperature:
-20°C to +150°C



Type BV50, Female x Female, Lever Handle, NPT

0090	Thread	Max Pressure Bar
BV50-12NPT	1/2"	50
BV50-34NPT	3/4"	40

Tech Sheet 10030

High Pressure 2 Way Valves, Brass

° Working Temperature:
-10°C to +80°C

Maximum Working Pressure:
210 bar



Type BV210, Female x Female, BSPP

0090	Thread
BV210-38	3/8"
BV210-12	1/2"
BV210-34	3/4"
BV210-1	1"

Tech Sheet 10032

Venting, Ball Valves

° Working Temperature:
0°C to +60°C

Maximum Working Pressure:
12 bar



Female x Female, BSPP

0090	Thread
VBV-14	1/4"
VBV-38	3/8"
VBV-12	1/2"
VBV-34	3/4"
VBV-1	1"

Tech Sheet 10319

Full Bore, Ball Valves, Extended Handle

° Working Temperature:
-20°C to +130°C

Maximum Working Pressure:
100 bar



Type BV581, Female x Female, BSPP

0090	Thread
BV581-38	3/8"
BV581-12	1/2"
BV581-34	3/4"
BV581-1	1"

Tech Sheet 10298



For Aluminium Hose Tails
see page 1147



For Brass Compression Fittings
see pages 1197-1202



BALL VALVES



Mini Ball Valves, Brass

- Polished chrome finish
- Seal material PTFE

° Working Temperature:
-10°C to +110°C

Maximum Working Pressure:
8 bar (120 psi)



Type MBV, Female x Female,
Black Lever Handle, BSPP

0443	Thread
MBV18S	1/8"
MBV14S	1/4"
MBV38S	3/8"
MBV12S	1/2"
MBV34S	3/4"

Tech Sheet 834



Type MBVM, Male x Female,
Black Lever Handle, BSPP

0443	Thread
MBVM18S	1/8"
MBVM14S	1/4"
MBVM38S	3/8"
MBVM12S	1/2"
MBVM34S	3/4"

Tech Sheet 834



Type MBV, Female x Female,
Red Lever Handle, BSPP

0443	Thread
MBV18	1/8"
MBV14	1/4"
MBV38	3/8"
MBV12	1/2"
MBV34	3/4"

Tech Sheet 834



Type MBVM, Male x Female,
Red Lever Handle, BSPP

0443	Thread
MBVM18	1/8"
MBVM14	1/4"
MBVM38	3/8"
MBVM12	1/2"
MBVM34	3/4"

Tech Sheet 834

Mini Ball Valves, Brass

° Working Temperature:
-20°C to +150°C

Maximum Working Pressure:
15 bar (220 psi)



Type MVS, Female x Female,
Screwdriver Slot, BSPP

0090	Thread
MVS-14	1/4"
MVS-38	3/8"
MVS-12	1/2"

Tech Sheet 10033



Type MVSM, Male x Female,
Screwdriver Slot, BSPP

0090	Thread
MVSM-18	1/8"
MVSM-14	1/4"
MVSM-38	3/8"
MVSM-12	1/2"

Tech Sheet 10034

BALL VALVES



High Pressure Mini Ball Valves

- Nickel plated brass
- Conforms to EN 12164

° Working Temperature:
-20°C to +90°C

Maximum Working Pressure: 30 bar



Female x Female, BSPP

0358	Thread
BV35-18	1/8"
BV35-14	1/4"
BV35-38	3/8"
BV35-12	1/2"

Tech Sheet 60394



Male x Female, BSPP

0358	Thread
BV35-18M	1/8"
BV35-14M	1/4"
BV35-38M	3/8"
BV35-12M	1/2"

Tech Sheet 60394

BALL VALVES



Mini Ball Valves, Brass Chrome Plated

° Working Temperature:
0°C to +90°C

Maximum Working Pressure: 10 bar

Suitable for domestic water services, heating and air-conditioning plants and compressed air systems.



Type 125, Female x Female, BSPP, Red Nylon Lever Handle

0089	Thread
IT125-14	1/4"
IT125-38	3/8"
IT125-12	1/2"
IT125-34	3/4"

Tech Sheet 1828



Type 125, Female x Female, BSPP, Black Nylon Lever Handle

0089	Thread
IT125-14N	1/4"
IT125-38N	3/8"
IT125-12N	1/2"
IT125-34N	3/4"

Tech Sheet 1828



Type 126, Male x Female, BSPP, Red Nylon Lever Handle

0089	Thread
IT126-14	1/4"
IT126-38	3/8"
IT126-12	1/2"
IT126-34	3/4"

Tech Sheet 1828



Type 126, Male x Female, BSPP, Black Nylon Lever Handle

0089	Thread
IT126-14N	1/4"
IT126-38N	3/8"
IT126-12N	1/2"
IT126-34N	3/4"

Tech Sheet 1828

BALL VALVES



Mini Ball Valves

- Body: Brass
- End Connection: Brass
- Ball: Brass, chrome plated
- Stem: Brass
- Seal: PTFE
- O-Ring: Nitrile
- Handle: Plastic (ABS)

° Working Temperature:
-10°C to +90°C

Maximum Working Pressure:
20 bar



Female x Female, BSPP

0468	Thread
TEMBVFF-1/4	1/4"
TEMBVFF-3/8	3/8"
TEMBVFF-1/2	1/2"

Tech Sheet 67953

- Body: Brass
- Sleeve: Brass
- Ball: Brass, chrome plated
- Stem: Brass
- Seal: PTFE
- O-Ring: Nitrile
- Handle: Plastic (ABS)

° Working Temperature:
-10°C to +90°C

Maximum Working Pressure:
20 bar



Male x Female, BSPP

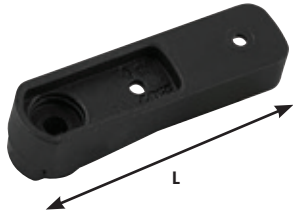
0468	Thread
TEMBVMF-1/4	1/4"
TEMBVMF-3/8	3/8"
TEMBVMF-1/2	1/2"

Tech Sheet 67954

BALL VALVES

Mini Ball Valve Handles

Please Note: Handles do not come with coloured inserts, please order separately



Type 6910, Long Handle

0090	Length mm
6910-A	35
6910-B	50
Tech Sheet 1606	

Colour Coded Handle Inserts - Type 6920



For 1/8", 1/4", 3/8" Valves

0090	Colour
6920-A-B	Blue
6920-A-G	Green
6920-A-R	Red
6920-A-W	White
6920-A-Y	Yellow
Tech Sheet 1605	

For 1/2", 3/4" Valves

0090	Colour
6920-B-B	Blue
6920-B-G	Green
6920-B-R	Red
6920-B-W	White
6920-B-Y	Yellow
Tech Sheet 1605	

Mini Ball Valves, Brass

Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
20 bar



Type 6560, Push-in x Push-in

0090	OD mm
6560-4	4
6560-6	6
6560-8	8
Tech Sheet 1604	



Type 6570, Push-in x BSPT Male

0090	OD mm	Thread
6570-18-4	4	1/8"
6570-18-6	6	1/8"
6570-18-8	8	1/8"
6570-14-6	6	1/4"
6570-14-8	8	1/4"
Tech Sheet 1605		



Type 6700, L Port, BSPP

0090	Thread
6700-18	1/8"
6700-14	1/4"
6700-38	3/8"
Tech Sheet 1605	



Type 6710, T Port, BSPP

0090	Thread
6710-18	1/8"
6710-14	1/4"
6710-38	3/8"
Tech Sheet 1605	



Type 6720, Angle Port, BSPP

0090	Thread
6720-18	1/8"
6720-14	1/4"
6720-38	3/8"
Tech Sheet 1605	



**For Metric Brass
Compression Fittings**
see pages 1076-1079

BALL VALVES



Full Bore Ball Valves, Brass Nickel Plated

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems.

° Working Temperature:
-20°C to +150°C
in absence of steam

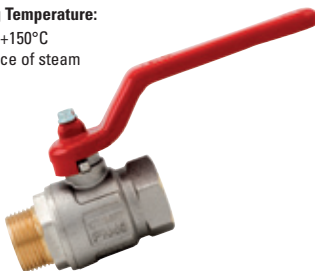


IDEAL 090,
Female x Female, BSPP, Lever Handle

0089	Thread	Max Pressure Bar
IT090-14	1/4"	50
IT090-38	3/8"	50
IT090-12	1/2"	50
IT090-34	3/4"	40
IT090-1	1"	40
IT090-114	1.1/4"	30
IT090-112	1.1/2"	30
IT090-2	2"	25
IT090-212	2.1/2"	18
IT090-3	3"	16
IT090-4	4"	14

Tech Sheet 1826

° Working Temperature:
-20°C to +150°C
in absence of steam

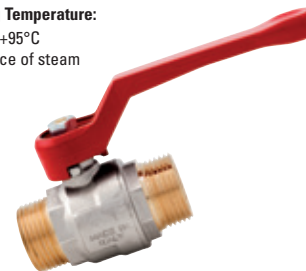


IDEAL 091,
Male x Female, BSPP, Lever Handle

0089	Thread	Max Pressure Bar
IT091-14	1/4"	50
IT091-38	3/8"	50
IT091-12	1/2"	50
IT091-34	3/4"	40
IT091-1	1"	40
IT091-114	1.1/4"	30
IT091-112	1.1/2"	30
IT091-2	2"	25

Tech Sheet 6042

° Working Temperature:
-10°C to +95°C
in absence of steam



Type 099,
Male x Male, BSPP, Lever Handle

0089	Thread	Max Pressure Bar
IT099-12	1/2"	40
IT099-34	3/4"	40
IT099-1	1"	40
IT099-114	1.1/4"	30
IT099-112	1.1/2"	30
IT099-2	2"	30

Tech Sheet 6044

Standard Bore Ball Valves, Brass Nickel Plated

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems.

° Working Temperature:
-20°C to +110°C in
the absence of steam



Type 115 with Drain Valve,
Female x Female, BSPP, Lever Handle

0089	Thread	Max Pressure Bar
IT115-12	1/2"	25
IT115-34	3/4"	25
IT115-1	1"	25
IT115-114	1.1/4"	20
IT115-112	1.1/2"	20
IT115-2	2"	20

Tech Sheet 6045

° Working Temperature:
-20°C to +150°C in
the absence of steam



VIENNA 216, Female x Female,
BSPP, Flat Lever Handle

0089	Thread	Max Pressure Bar
IT216-14	1/4"	50
IT216-38	3/8"	50
IT216-12	1/2"	30
IT216-34	3/4"	30
IT216-1	1"	30
IT216-114	1.1/4"	25
IT216-112	1.1/2"	25
IT216-2	2"	25

Tech Sheet 1830

° Working Temperature:
-20°C to +150°C in
the absence of steam



VIENNA 217, Male x Female,
BSPP, Flat Lever Handle


0089	Thread	Max Pressure Bar
IT217-14	1/4"	50
IT217-38	3/8"	50
IT217-12	1/2"	30
IT217-34	3/4"	30
IT217-1	1"	30
IT217-114	1.1/4"	25
IT217-112	1.1/2"	25
IT217-2	2"	25

Tech Sheet 1830

BALL VALVES

Full Bore Ball Valves, Brass Nickel Plated

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems.


 **Working Temperature:**
-20°C to +150°C
in absence of steam

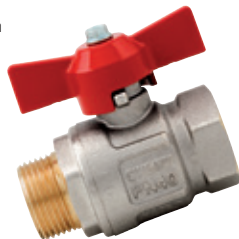


IDEAL 092, Female x Female, BSPP, Wing Handle

0089	Thread	Max Pressure Bar
IT092-14	1/4"	50
IT092-38	3/8"	50
IT092-12	1/2"	50
IT092-34	3/4"	40
IT092-1	1"	40

Tech Sheet 1826


 **Working Temperature:**
-20°C to +150°C
in absence of steam

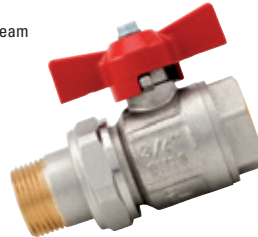


IDEAL 093, Male x Female, BSPP, Wing Handle

0089	Thread	Max Pressure Bar
IT093-14	1/4"	50
IT093-38	3/8"	50
IT093-12	1/2"	50
IT093-34	3/4"	40
IT093-1	1"	40

Tech Sheet 6042


 **Working Temperature:**
-20°C to +150°C
in absence of steam

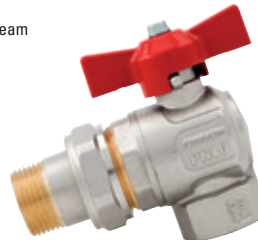


IDEAL 098, Male Union x Female, BSPP, Wing Handle

0089	Thread	Max Pressure Bar
IT098-12	1/2"	50
IT098-34	3/4"	40
IT098-1	1"	40
IT098-114	1.1/4"	30
IT098-112	1.1/2"	30
IT098-2	2"	25

Tech Sheet 6043

 **Working Temperature:**
-20°C to +150°C
in absence of steam



IDEAL 298, Elbow, Male Union x Female, BSPP, Wing Handle


0089	Thread	Max Pressure Bar
IT298-12	1/2"	50
IT298-34	3/4"	40
IT298-1	1"	40

Tech Sheet 1827



3 Way Ball Valves, Brass Nickel Plated

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems.

 **Working Temperature:**
-10°C to +120°C



Type 128, L Port, Female, BSPP, Lever Handle

0089	Thread	Max Pressure Bar
IT128-14L	1/4"	55
IT128-38L	3/8"	55
IT128-12L	1/2"	50
IT128-34L	3/4"	50
IT128-1L	1"	45
IT128-114L	1.1/4"	35
IT128-112L	1.1/2"	35
IT128-2L	2"	35

Tech Sheet 1829

Type 128, T Port, Female, BSPP, Lever Handle

0089	Thread	Max Pressure Bar
IT128-14T	1/4"	55
IT128-38T	3/8"	55
IT128-12T	1/2"	50
IT128-34T	3/4"	50
IT128-1T	1"	45
IT128-114T	1.1/4"	35
IT128-112T	1.1/2"	35
IT128-2T	2"	35

Tech Sheet 1829

BALL VALVES



Bibcock Ball Valves, Brass Nickel Plated

° Working Temperature:
-20°C to +80°C

Maximum Working
Pressure: 15 bar



Type 174, Plastic Hose Tail x Male, BSPP, Lever Handle

0089	Thread	To Suit Hose ID mm
IT174-12	1/2"	13
IT174-34	3/4"	19
Tech Sheet 68270		

° Working Temperature:
-20°C to +80°C



Type 134 Heavy-duty, Hose Tail x Male, BSPP, Wing Handle

0089	Thread	To Suit Hose ID mm	Max Pressure Bar
IT134-38	3/8"	19	15
IT134-12	1/2"	19	15
IT134-34	3/4"	25	15
IT134-1	1"	32	12
Tech Sheet 68270			

° Working Temperature:
-20°C to +80°C

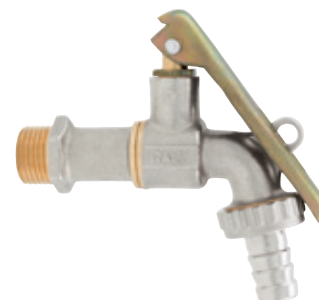


Type 132 Heavy-duty, Hose Tail x Male, BSPP, Lever Handle

0089	Thread	To Suit Hose ID mm	Max Pressure Bar
IT132-38	3/8"	19	15
IT132-12	1/2"	19	15
IT132-34	3/4"	25	15
IT132-1	1"	32	12
Tech Sheet 68270			

° Working Temperature:
0°C to +80°C

Maximum Working
Pressure: 15 bar



Type 144, Hose Tail x Male, BSPP, Handle with Lockpad Eye (7mm ID)

0089	Thread	To Suit Hose ID mm
IT144-12	1/2"	13
IT144-34	3/4"	19
Tech Sheet 1834		



For **Hose Reels**
see pages 1449-1453



BALL VALVES

Antifrost Bibcocks

- **Body, Sleeve and Hose Connection:** Brass
- **Ball:** Brass, chrome plated
- **Stem and Nut:** Brass
- **Seals:** PTFE
- **O-Ring:** Nitrile
- **Flat Seal:** EPDM
- **Handle:** Aluminium

° Working Temperature:
-20°C to +100°C

Maximum Working Pressure:
Without nipple for hose: 30 bar
With nipple for hose: 3 bar



BSPP

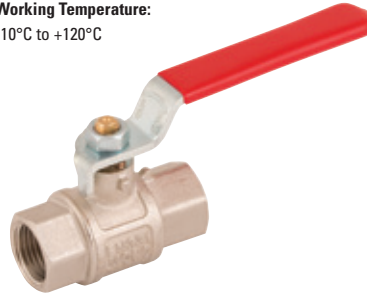
0468	Thread	OD mm
AFBV-12	1/2"	14
AFBV-34	3/4"	20

Tech Sheet 67955

Oxygen Ball Valves

- **Body and Sleeve:** Brass
- **Stem:** Brass
- **Ball:** Brass, chrome plated
- **O-Rings:** Viton
- **Seals/O-Ring:** Pure PTFE
- **Handle:** Zinc-plated steel, plastic cover

° Working Temperature:
-10°C to +120°C



Female x Female, BSPP

0468	Thread	Max Pressure Bar
OXYBV-14	1/4"	63
OXYBV-38	3/8"	63
OXYBV-12	1/2"	50
OXYBV-34	3/4"	50
OXYBV-1	1"	45
OXYBV-114	1.1/4"	30
OXYBV-112	1.1/2"	25
OXYBV-2	2"	20

Tech Sheet 67959

Full Bore Venting Ball Valves, Brass

Conforms to Directive 97/23/EC.

° Working Temperature:
-10°C to +120°C

Maximum Working Pressure @ +20°C
45 bar (1/2" to 3/4")
40 bar (1")
30 bar (1.1/4" to 2")



Female x Female, BSPP

0468	Thread
BV215-12	1/2"
BV215-34	3/4"
BV215-1	1"
BV215-114	1.1/4"
BV215-112	1.1/2"
BV215-2	2"

Tech Sheet 60156

7

BALL VALVES



Vented Lockable Ball Valves

Material: nickel plated brass.

- Full bore
- Locking lever in the closed position only
- Vents downstream pressure when closed
- Suitable for compressed air systems

° Working Temperature:
-10°C to +100°C

Maximum Working Pressure: 14 bar

Female x Female, BSPP

0358	Thread
BV93-14L	1/4"
BV93-38L	3/8"
BV93-12L	1/2"
BV93-34L	3/4"
BV93-1L	1"
BV93-114L	1.1/4"
BV93-112L	1.1/2"
BV93-2L	2"

Tech Sheet 6041



FESTO

For Filter Regulators
see pages 658-661



BALL VALVES



Standard In-line Vented Ball Valves

° Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
40 bar



Double Female BSPP with Threaded Exhaust

1012	Thread	DN Size
LE-0489 07 13	1/4"	7
LE-0489 10 17	3/8"	10
LE-0489 13 21	1/2"	13
LE-0489 18 27	3/4"	18
LE-0489 23 34	1"	23

Tech Sheet 10455

° Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
20 bar



Double Female Panel Mountable with Threaded Exhaust, BSPP

1012	Thread	DN Size
LE-0449 07 13	1/4"	7
LE-0449 10 17	3/8"	10
LE-0449 13 21	1/2"	13

Tech Sheet 10451

° Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
40 bar



Double Female Vented, BSPP

1012	Thread	DN Size
LE-0469 04 10	1/8"	4
LE-0469 07 13	1/4"	7
LE-0469 10 17	3/8"	10
LE-0469 13 21	1/2"	13
LE-0469 18 27	3/4"	18
LE-0469 23 34	1"	23

Tech Sheet 10453

Standard In-line Ball Valves

° Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
20 bar



Double Female Panel Mount, BSPP

1012	Thread	DN Size
LE-0446 04 10	1/8"	4
LE-0446 07 13	1/4"	7
LE-0446 10 17	3/8"	10
LE-0446 13 21	1/2"	13

Tech Sheet 10448

Standard Ball Valves for Screw Fixing

° Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
40 bar



Double Female, BSPP

1012	Thread	DN Size
LE-6402 04 10	1/8"	4
LE-6402 07 13	1/4"	7
LE-6402 10 17	3/8"	10
LE-6402 13 21	1/2"	13
LE-6402 20 27	3/4"	20
LE-6402 23 34	1"	23

Tech Sheet 10449



For Panel Mountable Flow Control Regulators
see pages 804-807



BALL VALVES

Standard 3 Way Ball Valves

 Working Temperature:
-20°C to +80°C

 Maximum Working Pressure:
20 bar

- L Ported closed centre



Female Right Angled Porting, BSPP

1012	Thread	DN Size
LE-0482 06 13	1/4"	6
LE-0482 09 17	3/8"	9
LE-0482 12 21	1/2"	12
LE-0482 23 34	1"	23

Tech Sheet 10461

 Working Temperature:
-20°C to +80°C

 Maximum Working Pressure:
20 bar

- L Ported closed centre



Female Right Angled Porting - Panel Mountable, BSPP

1012	Thread	DN Size
LE-0448 06 13	1/4"	6
LE-0448 09 17	3/8"	9
LE-0448 12 21	1/2"	12

Tech Sheet 10464

 Working Temperature:
-20°C to +80°C

 Maximum Working Pressure:
20 bar

- L Ported



Female Equal Plane Porting - Panel Mountable, BSPP

1012	Thread	DN Size
LE-0452 04 10	1/8"	4
LE-0452 06 13	1/4"	6

Tech Sheet 10459

 Working Temperature:
-20°C to +80°C

 Maximum Working Pressure:
20 bar

- L Ported closed centre



Female Right Angled Porting without Closed Position, BSPP

1012	Thread	DN Size
LE-0483 04 10	1/8"	4
LE-0483 06 13	1/4"	6
LE-0483 09 17	3/8"	9
LE-0483 12 21	1/2"	12

Tech Sheet 10463

Lockable Ball Valves

- Legris lockable ball valves have been developed in order to prevent potentially dangerous consequences by unintended operation. Lockable in different positions, this range meets international safety requirements, such as ISO 4414. Lockable ball valves feature a plate fixed to the valve body and a plate attached to the valve stem. When the plates are pad-locked together, the valve handle cannot be moved.

 Maximum Working Pressure:
40 bar



In-line Double Female, BSPP

1012	Thread	DN Size
LE-0432 10 17	3/8"	10
LE-0432 13 21	1/2"	13
LE-0432 20 27	3/4"	20
LE-0432 23 34	1"	23

Tech Sheet 10457

 Maximum Working Pressure:
40 bar



Double Female with Vent, BSPP

1012	Thread	DN Size
LE-0439 07 13	1/4"	7
LE-0439 10 17	3/8"	10
LE-0439 13 21	1/2"	13
LE-0439 18 27	3/4"	18
LE-0439 23 34	1"	23

Tech Sheet 10462

The valves are lockable:

- In both open and closed position, by one padlock: models 0437 and 0439.
- Only in the closed position by up to three padlocks: models 0437 and 0438.

 Working Temperature:
-20°C to +80°C

 Maximum Working Pressure:
40 bar



In-line Double Female with Vent, BSPP

1012	Thread	DN Size
LE-0437 10 17	3/8"	10
LE-0437 13 21	1/2"	13
LE-0437 18 27	3/4"	18
LE-0437 23 34	1"	23

Tech Sheet 10458

 Maximum Working Pressure:
20 bar



3 Way, BSPP

1012	Thread	DN Size
LE-0438 12 21	1/2"	12

Tech Sheet 10460



For Nickel Plated Brass Adaptors
see page 1171-1176



BALL VALVES



Mini Ball Valves

Working Temperature:
-20°C to +80°C

Maximum Working Pressure:
10 bar



3/2 with Vent, Push-in

1012	OD mm
LE-7913 04 00	4
LE-7913 06 00	6
LE-7913 08 00	8
LE-7913 10 00	10
LE-7913 12 00	12

Tech Sheet 10456

2/2, Push-in

1012	OD mm
LE-7910 04 00	4
LE-7910 06 00	6
LE-7910 08 00	8
LE-7910 10 00	10
LE-7910 12 00	12

Tech Sheet 10452



3/2 with Vent, Push-in x Male, BSPP

1012	Thread	OD mm
LE-7914 06 10	1/8"	6
LE-7914 08 13	1/4"	8
LE-7914 12 21	1/2"	12

Tech Sheet 10450

2/2, Push-in x Male, BSPP

1012	Thread	OD mm
LE-7911 06 10	1/8"	6
LE-7911 10 17	3/8"	10
LE-7911 12 21	1/2"	12

Tech Sheet 10454



BALL VALVES



Direct Mount Brass Ball Valves

Suitable for domestic water services, heating and air conditioning plants, and compressed air systems.

- Full bore
- Direct mount ISO 5211

Working Temperature:
-20°C to +130°C

Maximum Working Pressure:
40 bar



Female x Female, BSPP

0986	Thread
BV1021-14	1/4"
BV1021-38	3/8"

Tech Sheet 68247



3 Way T Port, Female, BSPP

0986	Thread	Max Pressure Bar
BV1070-14	1/4"	40
BV1070-38	3/8"	40
BV1070-12	1/2"	40
BV1070-34	3/4"	40
BV1070-1	1"	40
BV1070-114	1.1/4"	40
BV1070-112	1.1/2"	25
BV1070-2	2"	25

Tech Sheet 68248



3 Way L Port, Female, BSPP

0986	Thread	Max Pressure Bar
BV1071-14	1/4"	40
BV1071-38	3/8"	40
BV1071-12	1/2"	40
BV1071-34	3/4"	40
BV1071-1	1"	40
BV1071-114	1.1/4"	40
BV1071-112	1.1/2"	25
BV1071-2	2"	25

Tech Sheet 68248

CAST IRON BALL VALVES




Cast Iron Ball Valves

Features:

- ISO 5211 Mounting Pad
- ATEX approved
- Blowout proof stem
- Locking device available on request

 Working Temperature:
-10°C to +200°C

 Maximum Working Pressure: 16 bar



2 Piece, Flanged PN16, Full Bore

0905	Flange Size
150HIT 04	1/2"
150HIT 05	3/4"
150HIT 06	1"
150HIT 07	1.1/4"
150HIT 08	1.1/2"
150HIT 09	2"
150HIT 10	2.1/2"
150HIT 11	3"
150HIT 12	4"
150HIT 13	5"
150HIT 14	6"
150HIT 16	8"

Tech Sheet 6036

Mounting Kits



Mounting Kit for 150HIT Cast Iron Flanged PN16 Ball Valve

3100	Size
MK150HIT-1	1/2"
MK150HIT-2	3/4" to 1.1/4"
MK150HIT-3	1.1/2" to 2"
MK150HIT-4	2.1/2" to 3"
MK150HIT-5	4" to 5"
MK150HIT-6	6" to 8"

Tech Sheet 71760



For **Haitima Actuated Cast Iron Flanged PN16 Ball Valves**
see page 1000



Plastic Ball Valves

Maximum Working Pressure: 3.5 bar

Body: Polypropylene
Seal: Nitrile



Hose Tail x Hose Tail

0270	To Suit Hose ID mm
18530-1	12
18530-2	16
18530-3	20



Male BSPP x Male BSPP

0270	Thread
18570-1	1/2"
18570-2	1/2" x 3/4"
18570-3	3/4"



Hose Tail x Female BSPP

0270	To Suit Hose ID mm	Thread
18563-1	16	1/2"
18563-2	16	3/4"
18563-3	20	1/2"
18563-4	20	3/4"



Hose Tail x Male BSPP

0270	To Suit Hose ID mm	Thread
18560-1	12	1/2"
18560-2	12	3/4"
18560-3	16	1/2"
18560-4	16	3/4"
18560-5	20	1/2"
18560-6	20	3/4"

Working Temperature:
0°C to +60°C
0°C to +20°C (at 16 bar)

Maximum Working Pressure:
16 bar



UPVC, Double Union Ball Valve, EPDM Seals

0118	Thread
2020-0424	1/2"
2020-0432	3/4"
2020-0440	1"
2020-0457	1.1/4"
2020-0465	1.1/2"
2020-0473	2"

Tech Sheet 10322

BALL VALVES



Plastic Ball Valves

Working Temperature:
0°C to +60°C

Maximum Working Pressure: 15 bar

UPVC, Economy Double Union Ball Valve, EPDM Seals



0118	Nominal Bore ID
BVD13-12-PVC	1/2"
BVD13-34-PVC	3/4"
BVD13-1-PVC	1"
BVD13-114-PVC	1.1/4"
BVD13-112-PVC	1.1/2"
BVD13-2-PVC	2"
BVD13-212-PVC	2.1/2"
BVD13-3-PVC	3"
BVD13-4-PVC	4"

Tech Sheet 10254



Industrial 3 Way Ball Valve, T Port, EPDM Seals

0118	Nominal Bore ID
BVT13-12-PVC	1/2"
BVT13-34-PVC	3/4"
BVT13-1-PVC	1"
BVT13-114-PVC	1.1/4"
BVT13-112-PVC	1.1/2"
BVT13-2-PVC	2"

Tech Sheet 10254



Industrial 3 Way Ball Valve, L Port, EPDM Seals

0118	Nominal Bore ID
BVL13-12-PVC	1/2"
BVL13-34-PVC	3/4"
BVL13-1-PVC	1"
BVL13-114-PVC	1.1/4"
BVL13-112-PVC	1.1/2"
BVL13-2-PVC	2"

Tech Sheet 10254