



LEADER[®] LVL[®]
LEADER VALVES LTD.



VALVES FOR PLUMBING, HVAC AND FIRE FIGHTING



IS : 778
IS : 13114
IS : 13095



AD 2000-markblatt W.O.



001



License No. 12-0162 for Ball Valves, Check Valves
License No. 162-0124 for Ball Valve Stem Seal Case Valve

LEADER VALVES LTD.

www.leadervalves.com

INDEX

S.NO.	CONTENTS	PAGES
1.	Brass Ball Valve	7
2.	Gun Metal / Bronze Ball Valve	7
3.	Gun Metal / Bronze Pressure Reducing Valve	8-9
4.	Brass / Gun Metal Diaphragm Type Pressure Reducing Valve with in Built Strainer	10-11
5.	Brass Air Release / Vent Valve	12
6.	ISI Forged Brass Gate Valve	12
7.	ISI Gun Metal / Bronze Gate Valve (Screwed)	13
8.	ISI Gun Metal / Bronze Gate Valve (Flanged)	13
9.	ISI Gun Metal / Bronze Globe Valve (Screwed)	14
10.	ISI Gun Metal / Bronze Globe Valve (Flanged)	14
11.	ISI Gun Metal / Bronze Horizontal Lift Check Valve (Screwed)	15
12.	ISI Gun Metal / Bronze Horizontal Lift Check Valve (Flanged)	15
13.	ISI Gun Metal / Bronze Vertical Lift Check Valve	16
14.	Gun Metal / Bronze Gate Valve	16
15.	Gun Metal / Bronze Globe Valve	17
16.	Gun Metal / Bronze Horizontal Lift Check Valve	17
17.	Gun Metal / Bronze Swing Check Valve	18
18.	Gun Metal / Bronze Vertical Check Valve	18
19.	Brass Bib Cock	19
20.	Gun Metal / Bronze Foot Valve	19
21.	Gun Metal / Bronze Float Valve	20
22.	Bronze 'Y' Type Strainer	20
23.	Bronze 'Y' Type Strainer With Online Cleaning Arrangement	21
24.	Bronze Spring Loaded Relief Valve	21
25.	Cast Iron Butterfly Valve	22
26.	Cast Iron Dual Plate Wafer Type Check Valve Retainerless Design	23
27.	Cast Iron Wafer Type Check Valve	24
28.	Cast Iron 'Y' Type Strainer Flange End	24
29.	Cast Iron Air Release Valves With Double Ball	25
30.	Cast Iron Float Valve (Equilibrium)	25
31.	Cast Iron Sluice (Gate) Valve	26
32.	Cast Iron Gate Valves	26
33.	Cast Iron Globe Stop Valve	27
34.	Cast Iron Reflux Valve	27
35.	Cast Iron Horizontal Lift Check Valve	28
36.	Basket Type (T-Type) Strainer	28
37.	Oblique Type Fire Hydrant Valve	29
38.	Steel Gate Valve	29
39.	Steel Globe valve	30
40.	Steel Swing Check valve	30
41.	Steel Ball Valve	31

Company Profile

LEADER VALVES LIMITED is a leading valve manufacturing company of India. We are a totally integrated valves manufacturing unit with our own Ferrous & Non Ferrous Foundries, Forging units and state of the art Machining and Testing facilities.

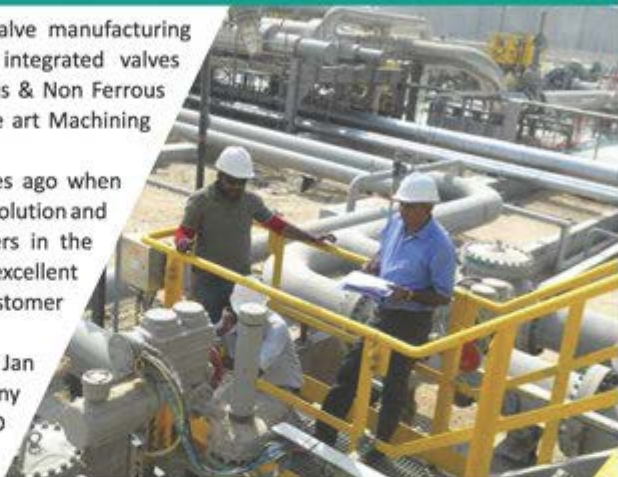
The company was set-up seven decades ago when India was on the threshold of industrial revolution and there were no good valve manufacturers in the country. It has over the years built up an excellent track record by following the policy of customer satisfaction.

We are an ISO-9001:2015 company since Jan 1996 certified by LRQA, India. The company is also licensed to use API Spec 6D (Certificate no 6D-0346), and API 600 (Certificate No. 600-0018) monograms.

Our Ferrous & Non-Ferrous foundries are PED certified by M/s. LRQA India & AD 2000-Merkblatt WO certified by TUV India. The Foundries are also adjudged as "Well Known FOUNDRY" under Indian Boiler Regulation 4C(2) of Central Boiler Board, Govt. of India. We also have IRS works approval certificate for Ferrous and Non Ferrous Foundry for casting of marine valves in accordance with the relevant requirements of Part 2, Chapter 4 & Chapter 8 of "Rules & Regulations for the Construction & Classification of Steel Ships". Our valves are certified by "FCRI" for functional and structural integrity for Seismic applications.

The Company is managed by an Efficient Board of Directors & well qualified professionals.

We are registered with all major clients in India and abroad. Leader is also the recipient of the "National award for Indigenisation" for the year 1996—1997 by the Ministry of Defence, India for our contribution in indigenous ship building activities for the Indian Navy.



CERTIFICATION





ISO 9001 -2015 Certification






EC Certificate of Quality System





AD2000-Merkblatt W01 Certification

CERTIFICATION



Certificate of Authority to use the Official API Monogram
License Number: 6D-0545

The American Petroleum Institute hereby grants to
LEADER VALVES LTD./UNIT-2
Rammagar
Jalandhar, Punjab
India

The right to use the Official API Monogram™ on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec 6D™ and API 6D™ and in accordance with the provisions of the License Agreement.

It is to be noted when the Official API Monogram is applied, the API Monogram shall be used in conjunction with the certificate number: **6D-0545**.

The American Petroleum Institute reserves the right to revoke this certificate should the Official API Monogram for any reason not satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: **Ball Valve, Check Valve, and Ball Valve**.

2015 Institute Issuing
Effective Date: **APRIL 17, 2015**
Expiration Date: **APRIL 17, 2021**

To verify the authenticity of this license, go to www.api.org



Certificate of Authority to use the Official API Monogram
License Number: 6D-0518

The American Petroleum Institute hereby grants to
LEADER VALVES LTD./UNIT-2
Rammagar
Jalandhar, Punjab
India

The right to use the Official API Monogram™ on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec 6D™ and API 6D™ and in accordance with the provisions of the License Agreement.

It is to be noted when the Official API Monogram is applied, the API Monogram shall be used in conjunction with the certificate number: **6D-0518**.

The American Petroleum Institute reserves the right to revoke this certificate should the Official API Monogram for any reason not satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: **Ball Valve, Check Valve**.

2015 Institute Issuing
Effective Date: **APRIL 17, 2015**
Expiration Date: **APRIL 17, 2021**

To verify the authenticity of this license, go to www.api.org

API 600 & API 6D Monogram Certification



FORM XVI-D
(see regulation 4C (2))

Serial No. Foundry/13/2016 File No. 3/17/2016-Modary

Central Boilers Board
Certificate of Approval for Well Known Foundry

This is to certify that the Inspection and Quality Management System of:
M/G
Leader Valves Limited,
S-3, S-4, Industrial Area,
Jalandhar-144 504
Punjab

has been evaluated by the Central Boilers Board and has been granted recognition under regulation 4C(2) of the Indian Boiler Regulations, 1950, as a Well Known Foundry for the manufacture of
Boiler Quality castings upto a maximum of 1000 Kgs./piece

for their factory at S-3, S-4, Industrial Area,
Jalandhar,
Punjab

This Certificate is valid for five years, i.e. upto **3rd June, 2020**
Validity is subject to the adherence to the quality control prescribed under the provisions of the Indian Boiler Regulations, 1950.
30th May, 2016

Certificate No. **363** Date of Issue

Secretary

IBR Certificate



Indian Register of Shipping

Place: **Mumbai**
Date: **22 March 2015**
Certificate No.: **3059MACR14**

Works Approval Certificate for Ferrous & Non-Ferrous Foundry

This is to certify that based on the existing manufacturing facilities and satisfactory internal audit/Manufacturing and Quality Control procedures by our Surveyors, the name of
M/s Leader Valves Limited
S-3, S-4, Industrial Area, Jalandhar - 144 504, Punjab, India

is being retained in the list of approved foundries for casting of marine valves in accordance with the relevant implications of Part 2, Chapter 4 & Chapter 9 of "Rules & Regulations for the Construction & Classification of Steel Ships".

Description	Ferrous & Non-Ferrous Castings
Material Specifications	Ferrous Material: A27M A27M Gr. WCR, A27M A277 Gr. WCR & CA15, A27M A27H Gr. CY8M Non-Ferrous Material: 3053 717 - 5 No. AL, Bismar, B5 EN 1702 L22-COPAL, B5 EN 1702 LGRE-CCP20L
Castings weight (Maximum)	Not exceeding 2000 kg Ferrous Foundry (Max. Valve size = 900 mm) Not exceeding 1000 kg Non-Ferrous Foundry (Max. Valve size = 600 mm)
Conditions of Approval	See Annexure - I
This certificate is valid until	27 th December 2022

PRASANT PANGRANI
PRINCIPAL SURVEYOR

MMS - 0001 (Rev. 3) See Checklist for Conditions of Issue of this Certificate

Indian Register For Shipping Certification

HIGHLIGHTS OF LEADER PRODUCTS

- We always maintain our shell thickness 10-15% extra than recommended in design standards.
- Raw material procurement is done from suppliers approved by prominent engineering consultants.
- We have in house casting, forging, machining, assembly, testing & calibration facilities, which enables us to have better control over our processes.
- We have 100% transparency in our system & any customer / nominated TPI can access our manufacturing facilities & processes during manufacturing.
- Our products can be tested anywhere in the world in NABL accredited labs.
- The Product moves from one process to the next only when existing requirements are met with.
- We have carried out life cycle tests/endurance tests for ball valves & butterfly valves.
- Our steel valves are manufactured as per fire safe design & we have carried out Fire Safe Testing to qualify the same.
- Our steel valves adhere to LT & Cryogenic requirements.
- Our steel valves have successfully passed Seismic Testing, Noise Testing, CV testing etc.
- Our valves are approved by FET per ISO 15848, API 624, TAT, ETT etc.
- Our plumbing valves are non-hazardous, health safe & environment friendly.



LEADER[®] LVL[®] BRASS BALL VALVE



Sliding Lock Mechanism available on request.

Item Code :GM 200

Size Range : 8mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body & End Connector	Nickle-Plated Forged Brass	DIN EN 12165 CW 617N
Ball	Brass Chrome Plated	DIN EN 12165 CW 617N
Body Seat Ring & Packing	PTFE	Polymer
Stem	H.T. Brass	IS 6912 Gr. FHTB1
O - Ring	Rubber	EPDM
Nut & Gland Nut	H.T. Brass, S.S	FHTB1/SS304
Lever	Aluminium Alloy (Powder Coated)	

PRINCIPAL FEATURES

- Screwed Female Ends to BS 21/ IS 554.
- Full Bore, Two Piece Design.
- Quarter Turn, lever operated with Low torque & stipulated leverage.
- Provided with forged brass hard chrome plated ball.
- Anti blow-out stem design feature.
- Premium quality PTFE seating.
- Nickel plated satin finish body.
- Extra strength of stem with high tensile brass.

Available with De-greasing for Oxygen Service on request.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	#

PRESSURE RATING: PN - 25

Test Pressure (Hydrostatic)	
Body	Seat
30 Bar Hyd.	22 Bar Hyd.

LEADER[®] LVL[®] GUN METAL / BRONZE BALL VALVE



Item Code : GM 132

Size Range : 15mm to 50mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body & End Connector	Gun Metal	BSEN 1982 Gr. CC491K
Ball	Brass/GM	156912 Gr. FLB / CC491K
Seat	PTFE	Polymer
Stem	H.T. Brass	IS 6912 Gr. FHTB-1
O - Ring	Rubber	EPDM
Nut	HT Brass / S.S	IS 6912 G.FHTB1/SS304
Lever	Aluminium Alloy (Powder Coated)	

PRINCIPAL FEATURES

- Screwed Female Ends to BS 21/ NPT.
- Full Bore, two Piece Design.
- Quarter turn, lever operated with Low torque.
- Provided with Forged Brass Hard Chrome Plated/ SS-304/ SS-316 Ball.
- Anti blow-out stem design feature.
- Premium Quality PTFE seating.
- Extra strength of stem with high tensile brass.

Available with De-greasing for Oxygen Service on request.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	#

PRESSURE RATING: CLASS - 150

Test Pressure (Hydrostatic)	
Body	Seat
30 bar (Hyd)	22 bar (Hyd)

LEADER[®] LVL[®]

LEADER PRESSURE REDUCING VALVE



PRINCIPAL FEATURES

- Screwed Female Ends To BS: 21
- Spring Loaded Piston Type provided with high quality Nitrile Rubber "O"ring to have less maintenance cost.
- Provision for pressure gauge is provided.
- Designed to suite precise application requiring accurate pressure ratings (Pressure drop being less)
- Most ideal for Sensitive & a consistent fluid regulation
- No external source of energy required
- Very rugged type of construction leads to low damages and self operating in nature.
- Can be install in 360 Deg. Rotational Axis.

Item Code : GM 123 / FLB 123

Size Range : 15mm to 80mm

STANDARD MATERIAL COMBINATION: FORGED BRASS

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Top Cover, Bottom Cover, Disc Holder	Forged Brass	I.S. 6912 Gr. FLB
Top Cover Plug	Brass	-----
Disc	Neoprene Rubber/ Nitrile	B.S. 2752
Stem, Spring Retainer	H.T. Brass	I.S. 6912 Gr. FLB
O-Ring	Viton / Nitrile	Shore Hardness 60
Spring	Carbon Steel	IBR: 94 Class 304
Cover Cap	PVC	IS 15225
Body Seat	P.T.F.E	Polymer

GUN METAL

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	G.M	BSEN 1982 Gr.CC491K
Body Seal	P.T.F.E.	Polymer
Top Cover Plug	P.V.C.	-----
Top Cover, Bottom Cover	G.M./ Forged Brass	BSEN 1982 Gr.CC491K IS 6912 Gr. FLB
'o' ring, 'o' ring (Piston), 'o' ring (Stem)	Viton / Nitrile	Shore Hardness 60
Stem, Disc Holder	G.M. / HT Brass	BSEN 1928 Gr.CC491K B.S. 2874 Gr. CZ122
Disc	Neopren Rubber	B.S. 2752
Spring	Carbon Steel	IBR: 94 Class 304

SUITABLE FOR

Water	Oil	Air	Gases
✓			

Test Pressure (Hydrostatic)	
Max. Inlet Pressure	Outlet Pressure Range
27 Bar	0.5 to 6 Bar (Max.)

SUITABLE FOR

Water	Oil	Air	Gases
✓			

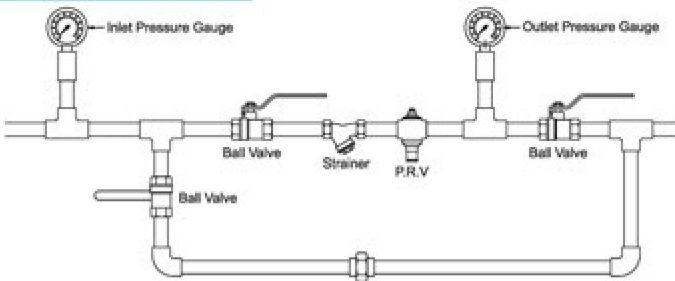
Test Pressure (Hydrostatic)	
Max. Inlet Pressure	Outlet Pressure Range
20 Bar	0.5 to 6 Bar (Max.)

LEADER PRESSURE REDUCING VALVES

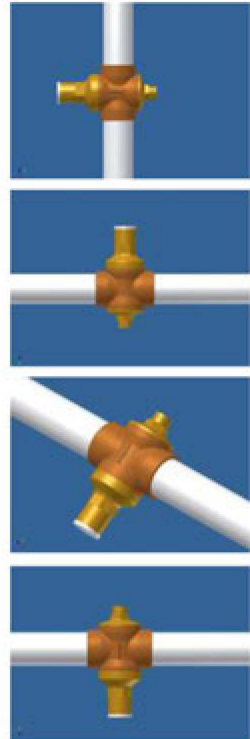
INSTALLATION INSTRUCTION

1. Install The P.R.V. as per the below layout diagram.
2. The P.R.V. should be installed {preferably in Horizontal pipe line.}
3. Before installing the valve, ensure that pipe line is thoroughly clean of all traces of dirt.
4. Care should be taken that the end of the pipe does not press the stop member while installing the P.R.V. in the line. There should be small gap between end of the pipe & the stop member.
5. P.R.V. should not carry piping load.
6. Install the P.R.V. always with its arrow pointing towards the direction of flow.
7. Adjust the pressure through adjusting screw with the help of screw driver {Clockwise to increase pressure at outlet, subsequently anticlockwise to reduce pressure at outlet port }

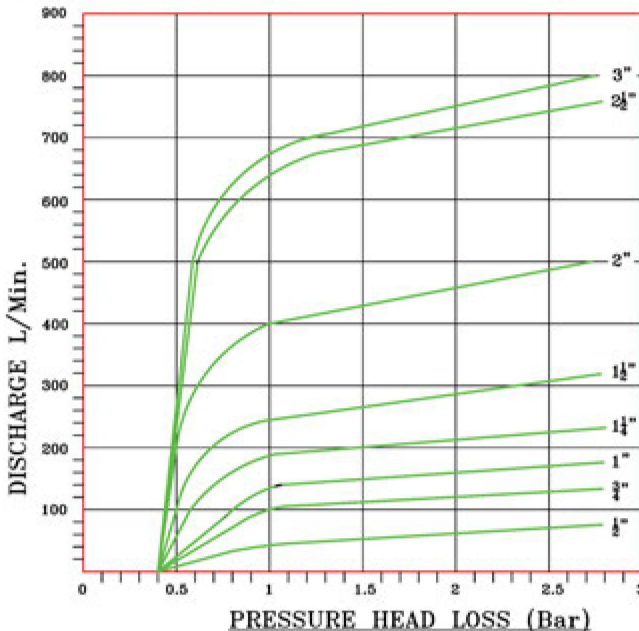
LAYOUT DIAGRAM



LEADER P.R.V Can be installed in any position



P.R.V DISCHARGE DATA



DATA REQUIRED WHILE ORDERING

Inlet Pressure, Outlet Pressure, Media, Temperature of the media, End Connection & other facts surrounding the installation which are pertinent thereto.

The chart shows the curve at 8 Bar inlet pressure and 3 Bar set pressure. Curves for other settings are similar, the curve shifts slightly to the left for the smaller differential & to the right for a greater differential.

LEADER[®] LVL[®]

**LEADER BRASS / GUN METAL
DIAPHRAGM TYPE
PRESSURE
REDUCING VALVE
WITH IN BUILT
STRAINER**



Item Code : GM 255 / FLB 255

Size Range : 15mm to 80mm

PRINCIPAL FEATURES

- Diaphragm technology is better in high traffic, poor water conditions and high back pressure.
- Equilibrated Diaphragm seat ensures stable outlet pressure even with sudden and varying inlet pressure changes.
- Maximum Flow rate with Minimum Fluctuation in reduced pressure.
- Stainless steel spring is not in contact with the potable water, hence the spring remains corrosion & rust free.
- In-built strainer prevents dirt particles from reaching internals of the valve to avoid valve failures.
- Reinforced Canvas Rubber Diaphragm gives strength and longer life.
- Dirt accumulated in the strainer can be seen through transparent bottom cover and strainer can be cleaned without removing the valve from the pipeline.
- Internal moving parts are made of high quality plastic with SS316 insert for longer smoother life and also prevents water hammer.
- 'Cartridge' design internals - entire working mechanism is in a cartridge which operates independent of the body. Thus servicing is without removing body from pipe work.
- Valve is provided with provision for inserting pressure gauge on both the sides, according to the installation.
- The outlet pressure can be adjusted by turning the adjustment nut.

**STANDARD MATERIAL COMBINATION:
FORGED BRASS (15mm To 25mm)**

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Forged Brass	DIN EN 12165 CN617N
Bonnet	Nylon	-----
Bottom Cover, Piston Cover, Cover seal, Side Caps	Plastic	-----
Diaphragm	Reinforced Canvas Rubber	-----
Strainer	S.S.Type 304 (with plastic ends)	with 0.3mm perforation
Piston Assembly	Plastic with SS 316	-----
Spring	S.S.304	-----
O-Ring,Piston Seal	Nitrile Rubber	-----
Seal	Plastic/Rubber	-----
Adjusting Screw, Adjusting Nut, Spacer	Brass	-----
Locking Plate, Nut	S.S.	Type 304

SUITABLE FOR

Water	Oil	Air	Gases
✓			

Test Pressure (Hydrostatic) PN25

Max. Inlet Pressure	Outlet Pressure Range
25 Bar	1 to 6 Bar (Max.)

GUN METAL (32mm To 80mm)

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Gun Metal	BSEN 1982 CC491K
Bonnet	Nylon	-----
Bottom Cover, Piston Cover, Cover seal, Side Caps	Plastic	-----
Diaphragm	Reinforced Canvas Rubber	-----
Strainer	S.S.Type 304 (with plastic ends)	with 0.3mm perforation
Piston Assembly	Plastic with SS 316	-----
Spring	S.S.304	-----
O-Ring, Piston Seal	Nitrile Rubber	-----
Seal	Plastic/Rubber	-----
Adjusting Screw, Adjusting Nut, Spacer	Brass	-----
Locking Plate, Nut	S.S.	Type 304

SUITABLE FOR

Water	Oil	Air	Gases
✓			

Test Pressure (Hydrostatic) PN20

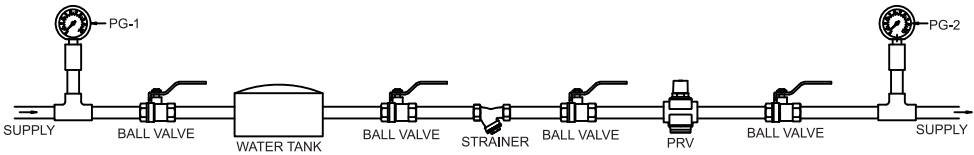
Max. Inlet Pressure	Outlet Pressure Range
20 Bar	1 to 6 Bar (Max.)

LEADER[®] LVL[®]

INSTALLATION INSTRUCTION (DIAPHRAGM TYPE PRV)

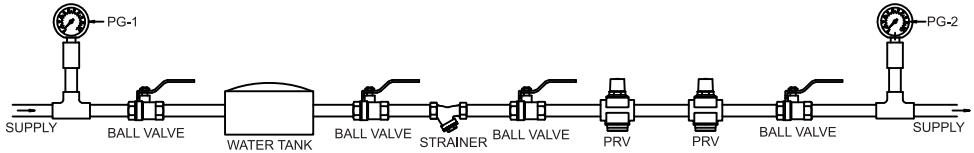
1. Flush the lines to remove all loose scale, dirt and other foreign particles (material) that can damage or clog (choke) the valve.
2. Before installing the valve be sure that the pipe ends are reamed and threads are cut to size.
3. This valve should be installed where it is accessible with sufficient clearance, service of adjustment.
4. Install the PRV with the arrow on the body pointer in direction of flow.
5. This is not an off & on valve in case you want to close the line a ball valve should be installed before the PRV.
6. Leader PRV can be installed in any position. It is always recommended to install it in horizontal position for easy to clean.

INSTALLATION LAYOUT

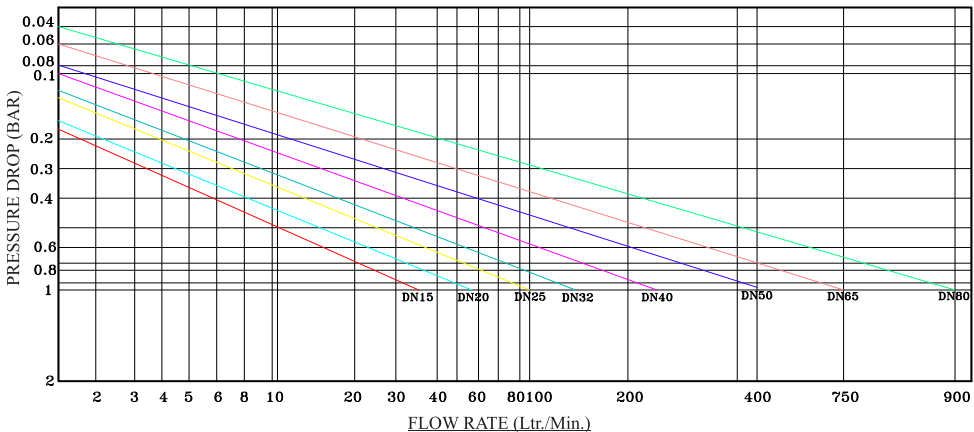


Series installation are recommended where very high supply pressure must be reduced to very low down stream pressure. It reduces the pressure in stages and eliminates whistling & noise.

SERIES INSTALLATION



PRV DISCHARGE DATA



The chart shows the curve at 10 Bar inlet pressure, 3 Bar set pressure & velocity taken of fluid 1-2 m/s. Curve for other settings are similar, the curve shifts slightly to the left for the smaller differential & to the right for a greater differential.

LEADER[®] LVL[®]

BRASS AIR RELEASE/ VENT VALVE



Item Code : GM 210

Size Range : 15mm to 25mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover, Cap, Set Screw	Forged Brass	IS 6912 Gr. FLB
Washer	Rubber	EPDM
Spring	Inconel	X - 750
Spring Holder, Hinge, Float	P.V.C.	-----
Rubber Disc	Nitrile Rubber	IS 9975 CL-B
Hinge Guide	Spring Steel	-----
O - Ring	Neoprene Rubber	BS 2752: Gr. C70

PRINCIPAL FEATURES

- Screwed male end as per IS 554 / BS 21 .
- Nickel plated forged brass body and cover.
- Full bore.
- Sleek in design, ease of installation.
- Handy device used to release entrapped air in any piping system.
- Smooth inner valves reduce pressure loss.
- Maintains system flow efficiency.
- Ergonomic design.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN - 25

Test Pressure
Body
37.5 Bar (Hyd.)

LEADER[®] LVL[®]



IS:13114

FORGED BRASS GATE VALVE



Item Code : IS 026

Size Range : 15mm to 25mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Wedge, Bonnet	Forged Brass	IS 6912 GR. FLB
Stem	Forged Brass Rod	IS 6912 GR. FHTB1
Stem Nut, Gland, Gland Nut	Forged Brass	IS 6921 GR. FHTB1/ IS 6912 GR. FLB
Gland Packing	Hemp & Jute	IS 5414
Handwheel	C-I/Steel (PVC Coated)	IS 210 FG200/Any Grade
Washer, Set Screw	Steel	Any Grade

PRINCIPAL FEATURES

- Design Std: IS:13114
- Screwed female parallel Threads To IS 554 / BS:21
- Screwed In bonnet inside Screw, Non-rising stem
- Solid Wedge.
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: 2 MPa

Test Pressure (Hydrostatic)	
Body	Seat
3 Mpa (435 Psig)	2.2 Mpa (319 Psig)

LEADER[®] LVL[®]



**GUN METAL /
BRONZE
GATE VALVE**



Item Code : IS 001, IS 007

Size Range : 8mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Leaded Tin Bronze	IS 318 Gr. LTB2
Stem	High Tensile Brass	IS 6912 Gr. FHTB1
Bonnet, Wedge, Stuffing Box, Gland, Gland Nut	Leaded Tin Bronze/ Brass	IS 318 Gr.LTB2/ IS 6912 Gr. FLB
Gland Packing	Hemp & Jute	IS 5414
Hand Wheel	C.I. / Steel (PVC Coated)	IS 210 Fg200/ Any Grade
Washer, Set Screw	Carbon Steel	Any Grade

PRINCIPAL FEATURES

- Design Std: IS:778
- Screwed female parallel Threads To IS 554/BS:21
- Screwed in bonnet, inside Screw Non-rising stem
- Solid Wedge
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

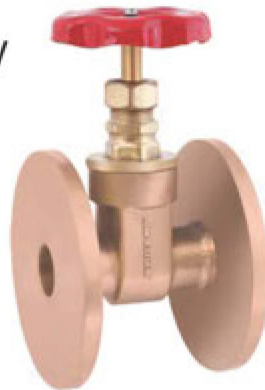
PRESSURE RATING: CLASS - 1
CLASS - 2

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)
Test Pressure (Hydrostatic) Class-2	
Body	Seat
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)

LEADER[®] LVL[®]



**GUN METAL /
BRONZE
GATE VALVE**



Item Code : IS 004, IS 010

Size Range : 15mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Leaded Tin Bronze	IS 318 Gr.LTB2
Wedge, Bonnet, Stuffing Box, Gland, Gland Nut	Leaded Tin Bronze/ Brass	IS 318 Gr.LTB2/ IS:6912 Gr.FLB
Stem	High Tensile Brass	IS 6912 Gr. FHTB1
Packing	Hemp & Jute	IS 5414
Hand Wheel	C.I. / Steel (PVC Coated)	IS 210 Gr.FG200/ Any Grade
Washer, Set Screw	Steel	Any Grade

PRINCIPAL FEATURES

- Design Std.: IS:778
- Flanged ends as per IS 778
- Screwed In bonnet inside Screw Non-rising stem
- Solid wedge
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: CLASS - 1
CLASS - 2

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)
Test Pressure (Hydrostatic) Class-2	
Body	Seat
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)

LEADER[®] LVL[®]



GUN METAL / BRONZE GLOBE VALVE



Item Code : IS 0013, IS 0017

Size Range : 8mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Leaded Tin Bronze	IS 318 Gr. LTB2
Stem	Extruded Brass Rod	IS 6912 FHTB1
Gland Packing	Hemp & Jute	IS 5414
Disc, Bonnet, Gland, Gland Nut, Stem Nut	Leaded Tin Bronze/ Forged Brass	IS 318 Gr.LTB2/ IS 6912 FLB
Hand Wheel	C.I./M.S. Sheet	IS 210 Gr. FG200 / Any Grade
Washer, Set Screw	Steel	Any Grade

PRINCIPAL FEATURES

- Design Std.: IS:778
- Screwed female parallel Threads To IS: 554/BS: 21
- Screwed In bonnet Rising stem
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: CLASS - 1 CLASS - 2

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)
Test Pressure (Hydrostatic) Class-2	
Body	Seat
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)

LEADER[®] LVL[®]



GUN METAL/ BRONZE GLOBE VALVE



Item Code : IS 015, IS 019

Size Range : 15mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Leaded Tin Bronze	IS 318 Gr.LTB2
Stem	Extruded Brass Rod/ Forged Brass	IS 6912 Gr. FHTB1
Packing	Hemp & Jute	IS 5414
Bonnet, Disc, Gland, Gland Nut, Check Nut	Leaded Tin Bronze/ forged Brass	IS 318 Gr.LTB2/ IS 6912 Gr. FLB
Hand Wheel	C.I./M.S. (SHEET)	IS 210 Gr. Fg200 / Any Grade
Washer, Set Screw	M.S.	Any Grade

PRINCIPAL FEATURES

- Design Std.: IS:778
- Screwed In bonnet Rising stem
- Flanged end as per IS: 778
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: CLASS - 1 CLASS - 2

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)
Test Pressure (Hydrostatic) Class-2	
Body	Seat
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)

LEADER[®] LVL[®]



GUN METAL / BRONZE HORIZONTAL LIFT CHECK VALVE



Item Code : IS 021, IS 023

Size Range : 8mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover, Disc	Leaded Tin Bronze	IS 318 LTB2

PRINCIPAL FEATURES

- Design Std.: IS:778
- Screwed in cover
- Screwed female parallel Threads To IS : 554 / BS: 21
- Disc is guided in body as well as in cover.
- Permits flow in one direction and closes automatically if the flow reverses.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: CLASS - 1 CLASS - 2

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)
Test Pressure (Hydrostatic) Class-2	
Body	Seat
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)

LEADER[®] LVL[®]



GUN METAL / BRONZE HORIZONTAL LIFT CHECK VALVE



Item Code : IS 022, IS 024

Size Range : 15mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover, Disc	Leaded Tin Bronze	IS 318 LTB2

PRINCIPAL FEATURES

- Design Std.: IS:778
- Screwed in cover
- Flanged as per IS: 778
- Disc is guided in body as well as in cover.
- Permits flow in one direction and closes automatically if the flow reverses.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: CLASS - 1 CLASS - 2

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)
Test Pressure (Hydrostatic) Class-2	
Body	Seat
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)

LEADER[®] LVL[®]



GUN METAL / BRONZE VERTICAL LIFT CHECK VALVE



Item Code : IS 025

Size Range : 15mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc, Split Pin	G.M.	IS 318 LTB2
Nut, Washer	Extruded Brass	IS 319 (Half Hard)
Spring	Ph. Bronze	IS 7608

PRINCIPAL FEATURES

- Design Std.: IS:778
- Single piece design
- Screwed female parallel threads To IS : 554 / BS: 21
- Permits flow in one direction and closes automatically if the flow reverses.
- Spring loaded design allow installation in both horizontal and vertical pipe line.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: CLASS - 1

Test Pressure (Hydrostatic) Class-1	
Body	Seat
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)

LEADER[®] LVL[®]

GUN METAL / BRONZE GATE VALVE



Item Code : GM 002

Size Range : 8mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	G.M.	BSEN 1982 Gr. CC 491K
Bonnet, Wedge	G.M./Brass	BSEN 1982 Gr. CC 491K/ IS 6912 Gr. FLB
Stem	HT Brass	BSEN 12165 CW 721 R
Stem Bush, Gland Follower, Gland Nut	Brass	BS 2874 / 2874 C2 114
Packing	Hemp & Jute	IS 5414
Hand Wheel	M.S.	IS 2062
Washer, Set Screw	Carbon Steel	Any Grade

PRINCIPAL FEATURES

- Design Std.: BS 5154
- Screwed In bonnet, inside screw Non rising stem,
- Solid wedge
- Screwed female BSP parallel threads To Bs 21
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: PN -16

Test Pressure (Hydrostatic)	
Body	Seat
24 bar	17.6 bar

LEADER[®] LVL[®]

GUN METAL / BRONZE GLOBE VALVE



Item Code : GM 008

Size Range : 8mm to 150mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc	G.M.	BSEN 1982 Gr. CC 491K
Stem	HT Brass	BSEN 12165 CW721R
Bonnet, Gland, Gland Nut, Stem Nut	G.M./Brass	EN 1982 Gr. CC491K/ DIN EN 12165 CW617N
Gland Packing	Hemp & Jute	IS 5414
Hand Wheel	C/ Steel	EN 1561 Gr. GJL200/IS 2062
Washer, Set Screw	Carbon Steel	Any Grade

PRINCIPAL FEATURES

- Design Std.: BS 5154
- Screwed In bonnet, inside screw, rising stem
- Screwed female parallel threads To BS: 21
- Provision for re-packing under pressure in the installed condition.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: PN -16

Test Pressure (Hydrostatic)	
Body	Seat
24 bar	17.6 bar

LEADER[®] LVL[®]

GUN METAL / BRONZE HORIZONTAL LIFT CHECK VALVE



Item Code : GM 030

Size Range : 8mm to 150mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover, Disc	G.M. /Brass	BSEN 1982 Gr. CC491K/ IS 6912 Gr. FLB

PRINCIPAL FEATURES

- Design Std.: BS 5154
- Screwed in cover
- Screwed female BSP parallel threads To BS 21
- Disc is guided in body as well as in cover
- Permits flow in one direction and closes automatically if the flow reverses.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN -16

Test Pressure (Hydrostatic)	
Body	Seat
24 bar	17.6 bar

LEADER[®] LVL[®]

GUN METAL / BRONZE SWING CHECK VALVE



Item Code : GM 045

Size Range : 15mm to 100mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc, Hinge, Cover	G.M.	EN 1982 Gr. CC491 K
Soft Seat, O-Ring	Rubber	BUNA-N
Nut, Washer	H.T. Brass	DIN EN 1265 CW 721R

PRINCIPAL FEATURES

- Design Std.: BS 5154
- Screwed in cover, with O-Ring Sealing
- Screwed female BSP parallel Threads To BS 21
- Resilient soft rubber seat ensures zero leakage.
- Can be installed in both horizontal and vertical pipeline.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN -20

Test Pressure (Hydrostatic)	
Body	Seat
30 bar	22 bar

LEADER[®] LVL[®]

GUN METAL / BRONZE VERTICAL CHECK VALVE



Item Code : GM 048

Size Range : 8mm to 150mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc	G.M.	Bs1982 CC491K
Nut, Washer	Brass	DIN EN 12165 721R
Spring	Phos. Bronze	DIN EN 12163 CW451K
O-Ring	Synthetic Rubber	-----
Split Pin	SS 304/Ph Bronze/Brass	-----

PRINCIPAL FEATURES

- Design Std.: BS 5154
- Single Piece
- Resilient Seat ensures zero leakage
- Screwed female BSP parallel threads To BS 21
- Permits flow in one direction and closes automatically in aligned way if the flow reverses.
- Spring loaded design allows installation in both horizontal and vertical pipeline.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN -16

Test Pressure (Hydrostatic)	
Body	Seat
24 bar	17.6 bar

LEADER[®] LVL[®]

BRASS BIB COCK



Item Code : GM 059

Size Range : 15mm to 25mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Bonnet, Head	Brass	BS 1400 GR. DC83
Nut, Disc Holder, Gland, Stem, Pin For Head	Brass Rod	BS 2874 CZ114
Disc	Vulcanised Synthetic or Natural Rubber	BS 3457
Gasket	Synthetic Rubber	BS 2751 BA70
Gland Packing	Asbestos	556 SF-990007

PRINCIPAL FEATURES

- Crutch head polished body
- Inlet end heaving BSP parallel male threads
- Water resistant, leak proof & durable.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN -10

Test Pressure (Hydrostatic)	
Body	Seat
16 bar (Hyd)	11 bar (Hyd)

LEADER[®] LVL[®]

GUN METAL / BRONZE FOOT VALVE



Item Code : GM 065

Size Range : 15mm to 150mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc, Nipple, Bottom Cover	G.M.	BSEN 1982 CC491K
'O' Ring	Synthetic Rubber	IS 5192
Spring	PH. Bronze	IS 7608
Washer	Brass	-----
Nut	Extruded Brass	IS 319 (Half Hard)
Gasket	C.A.F.	BS 1832 - 91
Screen	Brass	1mm Hole DIA

PRINCIPAL FEATURES

- Inlet End having screwed female BSP parallel threads To BS 21
- Brass strainer having 1mm Dia. perforation
- Natural rubber seat ensures long life, leak proof service.
- Spring loaded design allows installation in both horizontal and vertical pipeline.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN - 6

Test Pressure (Hydrostatic)	
Body	Seat
9 bar	6.6 bar

LEADER[®] LVL[®]

GUN METAL / BRONZE FLOAT VALVE



Item Code : GM 066

Size Range : 15mm to 80mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Piston Cap, Piston, Ball Cap	Gun Metal	EN 1982 Gr. CC491K
Washer	Nitrile Rubber	BS: 2751 BA70
Split Pin	Ph. Bronze	BS 2873 PB 102
Lever	Brass Rod	DIN EN 12165 CW721R
Ball	HDPE	PEBW A 50 T 090 OF IS 7328

PRINCIPAL FEATURES

- Rough body with plastic ball
- Screwed male inlet ends as per IS: 1703
- High flow rates at low head loss.
- No jam single lever action.

• Also available with copper float on request.

SUITABLE FOR

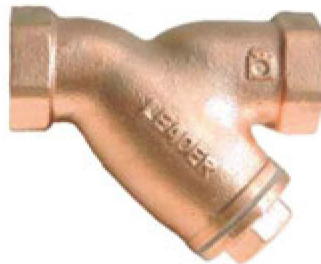
Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN -10

Test Pressure (Hydrostatic)	
Body	Seat
15 bar (Hyd)	11 bar (Hyd)

LEADER[®] LVL[®]

BRONZE 'Y' TYPE STRAINER



Item Code : GM 0230

Size Range : 15mm to 50mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover	G.M.	BSEN 1982 Gr. CC491K
Screen	S.S.	Type 304 1mm Dia Perforation
Gasket	C.N.A.F.	-----

PRINCIPAL FEATURES

- Screwed female ends as per BS: 21
- Stainless steel (SS 304) screen having 1mm dia perforation
- Large screening area makes the strainer efficient with low pressure drops

SUITABLE FOR

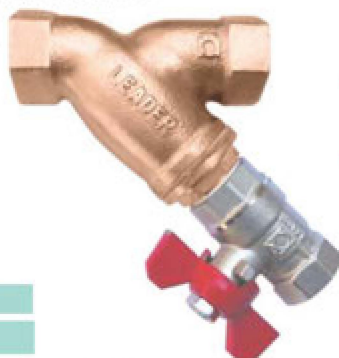
Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: PN -20

Test Pressure (Hydrostatic)
Body
30 bar (Hyd.)

LEADER[®] LVL[®]

BRONZE 'Y' TYPE STRAINER WITH ONLINE CLEANING ARRANGEMENT



Item Code : GM 0230 A

Size Range : 15mm to 50mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover	G.M.	BSEN 1982 Gr. CC491K
Screen	S.S.	Type 304, 00.4mm Dia Perforation
Gasket	C.N.A.F.	-----
Ball Valve	Nickle Plated Forged Brass	DIN 12165 CW617N

PRINCIPAL FEATURES

- Screwed female ends as per BS: 21
- Stainless steel (SS 304) filter Mesh having 0.4mm dia perforation (also available 0.8 & 1mm)
- Large screening area makes the strainer efficient with low pressure drops
- Ball valve provided at the drain plug flushes out dirt particles without removing the drain plug.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: PN-20

Test Pressure (Hydrostatic)	
Body	30 bar (Hyd.)

LEADER[®] LVL[®]

BRONZE SPRING LOADED RELIEF VALVE



Item Code : BM 014, BM 016

Size Range : 15mm to 80mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc, Spring Disc, Spring Chamber, Locking Nut, Adjusting Screw	Bronze	ASTM B62
Stem	Brass Rod	BS 2874 CZ114
Spring	Carbon Steel	IBR Clause 307

PRINCIPAL FEATURES

- Spring loaded, open/closed discharge.
- It is used for incompressible fluids.

For Air Service Request For Metal To Rubber Seating.

SUITABLE FOR

Water	Oil	Air	Gases
✓	✓	#	

PRESSURE RATING:

Test Pressure (Hydrostatic)	
Body	Seat
300 Psig (20.7 bar)	150 Psig (10.35 bar)
Max. Seat Pressure	
150 Psig (10.35 bar)	



CAST IRON BUTTERFLY VALVE PN-16/PN-20/PN-25 (WAFER TYPE)



Item Code : CI 091, CI 061, CI 095, CI 096

Size Range : 40mm to 400mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS	
Body	C.I.	IS 210 FG 200	
Disc	S.G. Iron/S.S.	IS 1865 SG 400/ 15/ ASTM A351 Gr. CF8/CF8M	
L-Key Bolt, Nut	Carbon Steel	----	
Stem	S.S.	IS 6603 X12 Cr. 12	
Moulded Liner	Buna-N/EPDM	Shore Hardness 70° ± 4	
Taper Pin	Hardened Steel	----	
'O' Ring, Packing	BUNA-N/EPDM	Shore Hardness 60° ± 4	
Bushing	PTFE	PTFE	
Grub Screw, Indexing Plate, Grub Screw	M.S.	----	
Handle	UP TO 5"	M.S. SHEET	IS 2062 Fabricated (Powder Coated)
	6" TO 12"	M.V.C.S.	IS 2062

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Design standard BS 5155/EN 593/ IS 13095/ADI 609 CAT. A.
- Wafer type. lever operated/gear operated.
- Dynamic sealing of disc with rubber sleeve at low torque.
- Laminar flow regime due to contoured profile disc.
- S.G Iron/ CA15/ S.S./ Al. Br./ Bronze disc which is accurately guided between the two stems.
- Antistatic feature also available.
- Two piece stem design which is precisely guided between the PTFE bush.
- Compatible to sandwich between flanges as per ASME B16.1 CL-125, ASA150, IS 6392, Table 17, IS 1538, BSEN 1092 PN-25, BS 10 Table D, E, F, H, PN-10, PN-16, PN-20.

- Electric & Pneumatic actuated Butterfly Valves also available on request.
- ISI Marked Butterfly Valve available in PN-16, Size 50mm to 300mm.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: PN - 16
PN - 20
PN - 25

Test Pressure (Hydrostatic) PN - 16	
Body	Seat
15 bar	11 bar
Test Pressure (Hydrostatic) PN - 20	
Body	Seat
24 bar	17.6 bar
Test Pressure (Hydrostatic) PN - 25	
Body	Seat
37.5 bar	27.5 bar

LEADER[®] LVL[®]

CAST IRON DUAL PLATE WAFER TYPE CHECK VALVE RETAINERLESS DESIGN



PRINCIPAL FEATURES

- Design standard API 594.
- Wafer type design, to take lesser space than the Reflux/Swing Check Valve.
- Being light in weight, has more rugged construction than the standard Swing Type Check Valve, which needs expensive foundation and special supports.
- Less wear and tear of seat surfaces due to O-Ring type body seating face .
- Retainer-less design with fully closed body & no leakage point/ puncture in body shell with high integrity & tamper-proof design & Internally supported pins.
- Low cracking pressure design (operable at low pressures).
- Independent spring design feature also available which gives less scrubbing of disc & Independents movement of discs.
- Water hammering effect is minimized in this design, since the closing of valve does not depend upon any back pressure or flow.
- Each plate being half of the size of the Swing Check Valve disc, provides straight flow path offering minimal resistance because of the spring's assistance as closing of the valve initiates as soon as flow velocity dips below the designated minimum velocity.
- End connections are designed to suit flanges drilled to ANSI B Class-125 / ASME B Class-150/IS: 6392.

Item Code : CI 085

Size Range : 40mm to 900mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	Cast Iron	BSEN 1561 GJL-200
Disc	13% Cr. Steel/DI	ASTM A217 Gr. Ca15/ ASTM A395
Disc Holding Plate	Carbon Steel	ASTM A216 Gr. WCB
Bush	Stainless Steel	ASTM A276 TYPE 304
Spring, L-key Screw, bolt	S.S. 316	-----
Stopper Pin, Disc Holder Pin	S.S.	ASTM A276 TYPE 410
Lifting Hook	C.S.	IS 2062
Body Seat	Nitrile Rubber	IS 5192-1

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING: PN - 16 PN - 20

Test Pressure (Hydrostatic) PN - 16	
Body	Seat
24 bar (Hyd.)	17.6 bar (Hyd.)
Test Pressure (Hydrostatic) PN - 20	
Body	Seat
30 bar (Hyd.)	22 bar (Hyd.)

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

LEADER[®] LVL[®]

CAST IRON WAFER TYPE CHECK VALVES



Item Code : CI 038, CI 038A

Size Range : 40mm to 300mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body	C.I.	BSE N1561 Gr. 200
Flap	C.I. / S.S.	BSE N1561 Gr. 200 / S.S.304 / CF8
Locking Pin/Hinge Pin	H.T. Brass	DIN EN 12165 CW721R
'O' Ring	EPDM	-----
Locking Plug	G.M.	BSEN 1982 CC491K
Eye Bolt	Carbon Steel	-----

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Single Disc
- Renewable resilient seat ensures Zero Leakage
- Suitable For Insertion between flanges as per BS-10 Table 'E'
- Wafer type design takes less space than Reflux / Swing Check Valve
- Less wear and tear of Seat surface due to O-ring type body seat facing

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING:

Test Pressure (Hydrostatic) PN - 16	
Body	Seat
24 bar (Hyd.)	17.6 bar (Hyd.)

LEADER[®] LVL[®]

CAST IRON 'Y' TYPE STRAINER (FLANGE END)



Item Code : CI 093

Size Range : 40mm to 300mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body/Cover/Drain Plug	C.I.	BSEN 1561 Gr. GJL200
Screen	S.S.	TYPE 304
Gasket	C.N.A.F.	IS 2712 Gr. C
Bolts	Carbon Steel	BS 4190

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Flanged ends to BS 10 Table 'E'.
- Stainless Steel (S.S 304) screen having 1mm dia. perforation
- Drain plug is provided to remove the accumulated foreign particles.
- Fine finish and smooth contours give streamline flow in the strainer.
- Large screening open area makes the strainer efficient with low pressure drops.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

PRESSURE RATING:

Test Pressure (Hydrostatic)
Body
18 kg/cm ² (Hyd.)

LEADER[®] LVL[®]

CAST IRON AIR RELEASE VALVE WITH DOUBLE BALL



Item Code : CI 026

Size Range : 25mm to 200mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Cover Plate	Steel	-----
Bolts And Nuts, Studs And Nuts	Carbon Steel	BS 916
Cover, Body, Cover	C.I.	BSEN 1561 Gr.200
Seat Ring, Packing Ring	Synthetic Rubber	IS 638 TYPE B
Ball	EPDM Coated Wooden Ball	-----
Nipple (Rubber Coated)	G.M./SS	BSEN 1982 CC491K/ ASTMA 182 Gr. F6a

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Double Ball Type
- Flanges as per BS-4504 (FF)
- Used to release entrapped air in any piping system.
- Maintains system flow efficiency.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

**PRESSURE RATING: PN - 10
PN - 16**

Test Pressure (Hydrostatic) PN - 10	
Body	Seat
15 bar (Hyd.)	11 bar (Hyd.)
Test Pressure (Hydrostatic) PN - 16	
Body	Seat
24 bar (Hyd.)	17.6 bar (Hyd.)

LEADER[®] LVL[®]

CAST IRON FLOAT VALVE (EQUILIBRIUM)



Item Code : CI 052

Size Range : 40mm to 250mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc Holder, Cover, Fulcrum Fork, Lever Guide	C.I.	IS 210 FG200
Seat Ring, Disc Nut, Adjusting Nut, Disc Retainer, Back Seat Bush, Thrust Link, Ball Cap, Plug	G.M.	BSEN EN 1982 GrCC491K
Rubber Disc	Rubber	65 3457 CL 6
Stem, Thrust Pin, Connecting Pin	Brass Rod	8.5.2872 or BS 2874 CZ114
Gasket	C.N.A.F	85 1832
Lever/Bolts	Carbon Steel	IS 2062 Gr.B
Ball	Copper	COPPER

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Right angle pattern.
- Double beat type rubber seated float valve with copper float with lever arm.
- Has a relatively long actuating lever, providing for a long float travel to ensure a slow rate of valve closure & a reduction of induced pressure rises within the main.
- Particularly suited for level control in gravity mains of short to moderate lengths.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: CLASS - 125

Test Pressure (Hydrostatic)	
Body	Seat
20.7 bar (Hyd.)	13.5 bar (Hyd.)

LEADER LVL[®]**CAST IRON SLUICE
(GATE) VALVE**

Item Code : CI 008, CI 043

Size Range : 50mm to 600mm

PRINCIPAL FEATURES

- Design Standard IS 14846.
- Bolted bonnet, inside screw, Non-rising stem.
- Gun Metal rings, SS stem
- Rigid and sturdy design.
- Handwheel operated.
- Flange ends as per IS 1538 (FF)

• **ISI marked Sluice valve available upto 300mm**

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Wedge, Bonnet, Stuffing Box, Gland, Handwheel, Thrust Plate	C.I.	IS 210 Gr. FG200
Body Ring, Wedge Ring, Wedge Nut	G.M.	IS 318 Gr. LTB2
Bolts & Nuts, T-bolts & Nuts	Carbon Steel	IS 1363 Class 4 & 4.6
Gasket	Rubber	IS 638 TYPE B
Stem	S.S./Brass	IS 6603 Gr. 12 Cr. 12/ IS 6912 Gr. FHTB1
Packing	Hemp & Jute	IS 5414

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

**PRESSURE RATING: PN - 1.0
PN - 1.6**

Test Pressure (Hydrostatic) PN - 1.0	
Body	Seat
1.5 Mpa (Hyd.)	1.0 Mpa (Hyd.)
Test Pressure (Hydrostatic) PN - 1.6	
Body	Seat
2.4 Mpa (Hyd.)	1.6 Mpa (Hyd.)

LEADER LVL[®]**CAST IRON GATE VALVE**

Item Code : CI 010/CI 058

Size Range : 50mm to 600mm

PRINCIPAL FEATURES

- Bolted Bonnet, Outside Screw, rising stem
- Face To Face as per IS 14846
- Gun Metal rings, SS stem
- Flanges as per IS 1538 (F.F)
- Rigid and sturdy design.
- Handwheel operated.

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Bonnet, Wedge, Gland Flange, Hand Wheel	C.I.	IS 210 Gr. FG 200
Wedge Ring, Body Seat Ring	Leaded Tin Bronze/SS	IS 318 Gr. LTB2/ 13% Cr. Steel
Yoke Sleeve Retaining Nut, Yoke Sleeve/gland Follower, Back Seat Bushing	Leaded Tin Bronze	IS 318 Gr.LTB2
Stem	S.S.	ASTM A276 TYPE 410
Gland T-Head Bolts, Gland Nuts, Bolts & Nuts	Carbon Steel	IS 1363
Gland Packing	To Suit Service Conditions	
Gasket	C.N.A.F.	IS 2712 Gr.C

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

**PRESSURE RATING: PN - 1.0
PN - 1.6**

Test Pressure (Hydrostatic) PN - 1.0	
Body	Seat
1.5 Mpa (Hyd.)	1.0 Mpa (Hyd.)
Test Pressure (Hydrostatic) PN - 1.6	
Body	Seat
2.4 Mpa (Hyd.)	1.6 Mpa (Hyd.)

LEADER[®] LVL[®]

CAST IRON GLOBE STOP VALVES



Item Code : CI 014

Size Range : 15mm to 350mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc (SDSL), Bonnet, Hand Wheel, Gland Flange	C.I.	BS EN1561 Gr. 200
Body Seat Ring, Stem, Stem Nut, Disc Ring, Gland Follower, Lock Screws	S.S.	ASTM A182 Gr. F6a / SS410
Stem, Gland Follower	S.S.	ASTM A276 TYPE 410
Gasket	C.N.A.F.	
Gland Packing	Flexible Graphite	
Yoke Bush, Indicator	G.M.	BS EN1962 Gr. CC491K
Locking Washer	S.S.	Type 304
Studs & Nuts/T-head Bolts & Nuts/Nut For Handwheel, Washer	Carbon Steel	BS 916 / IS 2062 Gr. A

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Design Std: BSEN 13789
- Straight patterns, OS & yoke type, rising stem
- S.S Trim
- Flanged ends as per DIN 2533 PN16 (RF)

- IBR certificate available upto Size: 200mm
- SDNR disc design can also be provided on request.

SUITABLE FOR

Water	Oil	Air	Gases	Steam
✓		✓		✓

PRESSURE RATING: PN-16

Test Pressure (Hydrostatic)	
Body	Seat
24 bar	16 bar

LEADER[®] LVL[®]

CAST IRON REFLUX VALVES



Item Code : CI 021

Size Range : 50mm to 600mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Disc, Cover, Hinge	C.I.	IS 210 Gr. FG200
Seat Ring, Disc Ring, Side Plug	Leaded In Bronze	IS 318 LTB 2
Hinge Pin, Nut	H.T. Brass	IS 6912 FHTB 1
Gasket	Rubber	IS 638 TYPE B
Studs & Nuts	Carbon Steel	IS 1363
Washer	Leaded In Bronze/Brass	IS 318 LTB 2

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Design Std: IS 5312
- Renewable bronze seat rings
- Flanged Ends as per IS: 1538 PN 1.6(Ff)
- Rigid & sturdy design
- Swing Type disc, suitable for installation in both horizontal & vertical pipeline.
- Minimize head Loss

- Rubber Seating can be provided on request

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING: PN-1.6

Test Pressure (Hydrostatic)	
Body	Seat
2.4 Mpa (Hyd.)	1.6 Mpa (Hyd.)

LEADER[®] LVL[®]

CAST IRON HORIZONTAL LIFT CHECK VALVE



Item Code : CI 019

Size Range : 15mm to 300mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body/Disc/	C.I.	IS 210 Gr. FG 200
Body Seat Ring/Disc Ring	F.S.S.	ASTM A182 Gr. F6a
Gasket	C.N.A.F.	-----
Stud & Nut for Body & Cover	Carbon Steel	-----

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Design Std: DIN EN 12334
- Bolted cover
- S.S Trim
- Flanged ends as per DIN: EN 2533 PN-16 R.F.
- Suitable for only horizontal installation

• IBR Certificate available upto Size: 200mm

SUITABLE FOR

Water	Oil	Air	Gases	Steam
✓				✓

PRESSURE RATING: PN-16

Test Pressure (Hydrostatic)	
Body	Seat
24 bar	16 bar

LEADER[®] LVL[®]

BASKET TYPE (T-TYPE) STRAINER



Item Code : BM 080

Size Range : 40mm to 300mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body/Cover	C.I.	IS 210 Gr. FG 200
Drain Plug	13% Cr. S.S.	ASTM A182 Gr. F6a
Strainer	MS / SS	Having 6mm DIA Perforations
Gasket	C.A.F.	BS 1832
Studs Bolts & Nuts	Carbon Steel	BS 916
Eye Bolts	Carbon Steel	-----

NOTE: Valves Can be supplied in other MOC's on request, Cast Iron (IS 210 Gr. FG 260) Ductile Iron (ASTMA 395 Gr. 60-40-18 / 65-45-15 / GGG 40.30) & D2 (ASTMA 439 Gr. D2/ D2A/ D2B/ D2C)

PRINCIPAL FEATURES

- Bolted Cover
- Flanged ends as per BS:10 Table. 'F' (FF)
- SS 304 screen
- Large dirt holding capacity, long cleaning cycle time
- Low pressure drop across the filter.
- Different basket shapes are available to meet pressure drop requirements
- Ease of cleaning or replacing the element.

SUITABLE FOR

Water	Oil	Air	Gases	Steam
✓				✓

PRESSURE RATING: PN -16

Test Pressure (Hydrostatic)
Body
26 bar

LEADER[®] LVL[®]

OBLIQUE TYPE FIRE HYDRANT VALVE



Item Code : GM 0114C

Size Range : 65mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	SPECIFICATIONS	
Body, Bonnet, Disc, Instantaneous Female Outlet	Gun Metal	IS 318 Gr.LTB2
Disc Facing	PTFE	
Stem, Disc Stem Nut, Gland, Gland Nut, Cap Bush, Plunger Puller	H.T. Brass	IS 320 Gr. HT2
Gasket Ring	Rubber	-----
Chain	M.S.	-----
Handwheel	Cast Iron	IS:210 Gr. FG200

PRINCIPAL FEATURES

- Confirming to IS: 5290
- Inlet flanged, outlet: female instantaneous coupling with chain.

SUITABLE FOR

Water	Oil	Air	Gases
✓			

PRESSURE RATING:

Test Pressure (Hydrostatic)	
Body	Seat
Tested at 23 kgt/cm ²	Tested at 14 kgt/cm ²

Note:-

Fire Hydrant valve also available in stainless steel construction on request.

LEADER[®] LVL[®]

STEEL GATE VALVE



Item Code : CCS 001, CCS 002, CCS 003

Size Range : 40mm to 1050mm, CL-150
40mm to 900mm, CL-300
40mm to 600mm, CL-600

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS / SPECIFICATIONS
Body, Bonnet, Yoke	C.C.S. To ASTM A216 Gr. WCB
Body Seat Ring, Disc Facing	13% Cr. Steel
Wedge	C.A.S. To ASTM A217 Gr. CA15 (Up To Size 10") C.C.S. To ASTM A216 Gr. WCB+ 13% Cr. Deposit
Gasket	Multilayered Corrugated with S.S. 304 Graphoil Filler/Spiral Wounded SS 304 With Graphoil Filler
Studs & Nuts, Gland Studs & Nuts	Alloy Steel To ASM A193 Gr. B7/ H.T. Steel To ASTM A194 Gr. 2H
Back Seat Bush, Gland Follower, Stem	13% Cr. (ASTM A276 Type 410)
Gland Packing	Flexible Graphite (Min. 5 Rings)
Yoke Sleeve	AL Bronze To BSEN 1982 Gr. CC331G
Handwheel	D.I. To ASTM A536 Gr. 80-55-06

PRINCIPAL FEATURES

- Design Std.: API 600,
- Bolted Bonnet, Rising Stem
- Flanged Ends
As Per ASME B16.5
- Fire Safe Design.

SUITABLE FOR

Water	Oil	Air	Gases
✓	✓	✓	

PRESSURE RATING:

Test Pressure (Hydrostatic)			
Rating	CL-150	CL-300	CL-600
Body (Hyd.)	30 Bar	76 Bar	150 Bar
Seat (Hyd.)	22 Bar	55 Bar	110 Bar

CLASS - 150
CLASS - 300
CLASS - 600

LEADER[®] LVL[®] STEEL GLOBE VALVE



Item Code : CCS 004, CCS 005, CCS 006

Size Range : 40mm to 600mm CL-150,
40mm to 600mm CL-300
40mm to 350mm CL-600

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Bonnet, Gland Flange	C.C.S.	ASTM A 216 Gr.WCB
Body Seat Ring, Disc facing		ASTM A216 Gr.WCB + 13% Cr. Facing
Stem	S.S.	ASTM A276 Gr. 410
Gasket	Spiral Wound S.S(Type 304) With Graphoil Filler	
Stud & Nuts	Alloy Steel&H.T.Steel	ASTM A 193 Gr. B7 & ASTM A 194 Gr. 2H
Gland Packing	Flexible Graphite	Flexible Graphite
Yoke Bush	Al. Bronze	BSEN 1982 Gr. CC333G
Handwheel	D.I.	ASTM A 536:82 Gr.80-55-06

PRINCIPAL FEATURES

- Design Std.: BS 1873
- Bolted Bonnet, Rising Stem
- Flanged as per ASME B16.5

SUITABLE FOR

Water	Oil	Air	Gases
✓	✓	✓	✓

PRESSURE RATING:
CLASS - 150
CLASS - 300
CLASS - 600

Test Pressure (Hydrostatic)			
Rating	CL-150	CL-300	CL-600
Body (Hyd.)	30 Bar	76 Bar	150 Bar
Seat (Hyd.)	22 Bar	55 Bar	110 Bar

Note: Valves can be supplied in Stainless Steel & Low Alloy Steel on Request.

LEADER[®] LVL[®] STEEL SWING CHECK VALVE



Item Code : CCS 007, CCS 008, CCS 009

Size Range : 40mm to 800mm - CL-150
40mm to 950mm - CL-300
40mm to 600mm - CL-600

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Cover, Hinge	C.C.S.	ASTM A216 Gr. WCB
Body Seat Ring, Disc Facing	13% Cr. Steel	ASTM A216 Gr. WCB + 13% Cr. Deposit/ASTM A276 Type410
Hinge Pin (HB 200 Min.), Disc Nut, Washer, Side Plug, Locking Pin	S.S.	ASTM A276 Type 410
Gasket	S.S. Type 304 Spiral Wound Graphite Filled	-----
Studs Bolts & Nuts	Alloy Steel/ H.T. Steel	ASTM A193 Gr. B7/ ASTM A194 Gr. 2H

PRINCIPAL FEATURES

- Design Std.: API 6D, BS:1868
- Bolted Cover
- Flanged end as per ASME B16.5
- Swing Type Disc, Suitable for installation in both Horizontal & Vertical Position.
- Minimize Read Loss
- Fire Safe Design

SUITABLE FOR

Water	Oil	Air	Gases
✓	✓	✓	

PRESSURE RATING:
CLASS - 150
CLASS - 300
CLASS - 600

Test Pressure (Hydrostatic)			
Rating	CL-150	CL-300	CL-600
Body (Hyd.)	30 Bar	76 Bar	150 Bar
Seat (Hyd.)	22 Bar	55 Bar	110 Bar

Note: Valves can be supplied in Stainless Steel & Low Alloy Steel on Request.

LEADER[®] LVL[®] STEEL BALL VALVE



Item Code : CCS 016, CCS 0027, CCS030

Size Range : 15mm to 150mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Body Connector	C.C.S. C.S.S	ASTM A216:04 Gr. WCB ASTM A351 Gr. CF8 / CF8M
Ball	S.S.	ASTM A 351:06 Gr.CF8
Seat	Virgin Unfilled Oil Free PTFE	
Stem Seal	Graphoil	Graphoil
Gland, Stem, Antistatic Balls, Stopper Pin	S.S.	ASTM A 276:06 Type 410
Lever (Zn. Plated)	Carbon Steel	With Plastic Sleeve
Studs Bolts & Nuts	Alloy Steel & H.T. Steel	ASTM A193:06 Gr.B7 & ASTM A194:06 Gr. 2H
Gasket	Spiral Wound S.S.304With Graphoil Filler	
Spring	S.S.	BS 2056:53 EN 58A

PRINCIPAL FEATURES

- Design Std.: API 6D, BSEN 17292
- Two Piece, Floating Ball Design
- Anti-static, Blowout Proof Stem Design
- Fire Safe
- Lever/Gear Operated
- Flanged end as per ASME B16.5

SUITABLE FOR

Water	Oil	Air	Gases
✓	✓	✓	✓

PRESSURE RATING: CLASS - 150 CLASS - 300 CLASS - 600

Test Pressure (Hydrostatic)			
Rating	CL-150	CL-300	CL-600
Body (Hyd.)	30 Bar	76 Bar	150 Bar
Seat (Hyd.)	22 Bar	55 Bar	76 Bar

LEADER[®] LVL[®] STEEL BALL VALVE



Item Code : WCB 0012, CCS012
CF8M012

Size Range : 15mm to 50mm

STANDARD MATERIAL COMBINATION:

DESCRIPTION	MATERIALS	SPECIFICATIONS
Body, Pipe Connector	C.C.S. C.S.S.	ASTM A216 Gr. WCB ASTM A351 Gr. CF8 / CF8M
Body Seal, Stem Seal, Gland Seal	PTFE	PTFE
Ball	C.S.S./ S.S.	ASTM A351 Gr. CF8 ASTM A276 Type 304/
Seat	Virgin Unfilled Oil Free PTFE	
Gland, Stem Nut, Lever Nut, Stem	S.S.	ASTM A276 Type 304
Bellville Washer (Blackened)	Spring Steel	BS 970 EN 42J
Lever (Zinc Plated)	Carbon Steel With Plastic Sleeve	
Locking Washer, Spring	S.S.	Type 304
Bolts, Nuts	H.T. Steel	IS 1367 CL 10.9
Antistatic Ball	S.S.	S.S. 304
Stopper Plate (Zn Plated)	Carbon Steel	IS 2062

PRINCIPAL FEATURES

- Design Std.: BSEN 17292
- Three Piece Design
- Antistatic & Blowout Proof Stem Design
- Fire Safe
- Lever Operated
- Screwed female Taper Threads To BS: 21

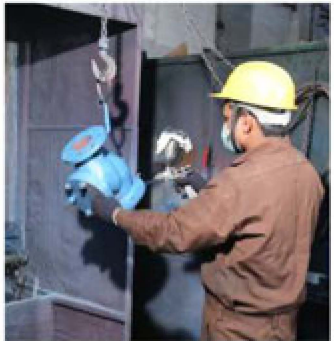
SUITABLE FOR

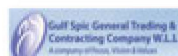
Water	Oil	Air	Gases
✓	✓	✓	✓

PRESSURE RATING: CLASS - 800

Test Pressure (Hydrostatic)	
Body	Seat
178 Bar (Hyd.)	76 Bar (Hyd.)







OUR OTHER RANGE OF PRODUCT

Cast Steel Valves #150, #300, #600, #900, #1500, #2500



Gate Valve



Globe Valve



Check Valve



Dual Plate
Check Valve



Butterfly
Valve



Ball Valve



Cast Steel
Plug Valve

Forged Steel Valves #800, #600, #1500, #2500



Gate Valve



Globe Valve



Check Valve



Ball Valve



Ball Valve

Boiler Mountings



Globe Steam
Stop Valve



Single Post
Hi-Lift Safety
Valve



Accessible
Feed Check
Valve



Sleeve Packed
Water Level
Gauge



Parallel Slide
Blow Off Valve



Fusible Plugs



Pilot Operated
Pressure
Reducing Valve



Thermo
Dynamic
Steam Trap



Vertical
Inverted Bucket
Steam Trap



Relief Valve



Horizontal Lift
Check Valve



Vertical Lift
Check Valve

Forged Fittings #3000, #6000, #9000



LEADER[®] LVL[®]
LEADER VALVES LTD.



IS : 778
 IS : 13114
 IS : 13095



AD 2000-markblatt W.O.



001



License No. : 10-1096 for Ball Valve, Check Valve
 License No. : 100-0028 for Ball Seat Steel Gate Valve

AUTHORIZED CHANNEL PARTNER

Dealer:-



TUBES & VALVES MFG CO

No 12 Singanna Naicken Street,
 Chennai 600 001.

Ph:- 044-2522 4353

Cell:- +91 80120 11666

Email:- sales@tubesandvalves.com

Web:- www.tubesandvalves.com