



A Complete World of Opportunities
A Whole World of Trusts





About Us

Dembla Valves Ltd. was found in 1985 by a coterie of technocrats and visionaries with a goal to achieve the highest levels of perfection and excellence in their field of the industry. An industrial company with a core engineering focus. Dembla manufactures Butterfly Valves, Ball Valve and Control Valves catering to Oil, Gas, Power, Water Treatment and Desalination, Petrochemicals, Steel, Chemicals, Pharma Paper & Pulp industries, Sugar. The company started its growth spree in its initial years under the stewardship of Shri K.N. Dembla, Chairman and a technocrat with more than three decades of experience in valve design and Quality Control. He was ably supported by his brother Shri J.N. Dembla, Managing Director with over two decades of manufacturing experience in the Valve industry, Mr. Mukund Katageri Director operation having two decades of experience in sales & marketing in the valve industry & II generation Directors Mr. Kapil Dembla having a decade experience in marketing, Supply chain & Services in the valve industry, Mrs. Harsha Suvarna having experience in International sales. The management is backed up by young team of talented professionals from all departments

Guided by proven management principles, Dembla scripted its own success story with focus on total turnkey solutions and on-time delivery schedules. Recognised internationally for these qualities, Dembla is marching ahead with an eye towards a bright future.

At present Dembla has two units which are producing control valves and on off valve production setup is with a working area of 135000 Sq. Ft.

A World Class Manufacturing setup working on 'Lean Manufacturing Philosophy'. The entire setup is streamlined for a smooth production flow based on 'pull' system. The machine shop having state of the art latest pneumatically controlled machines to guarantee closed tolerances on valve components.

The Company is also has a R & D center for continuous technological upgradation in the existing range of products and additional new products for complete turnkey solution to our valued customers. The factory is equipped with modern hydraulic test benches separately sequenced for inhouse testing and customer / third party inspections. The factory having a very high capacity mechanized painting shop to cater requirements of world class painting procedures.

Dembla has risen to become one of the most trustworthy brand names in valve design and manufacturing.

Vision

To become "Customers' Preferred Company" world wide, that manufactures and delivers with Global Service Support, Valves and Actuators including large size and for severe services with zero defects within shortest lead time.

Mission

Strengthen internal operating process, streamline the vendor base and establish pro-active planning mechanism to support establishment of sales and service globally.



SERIES 1100 GLOBE SINGLE SEATED 2-WAY VALVE

- Precision Control is its forte.
- It is excellent in handling clean fluids, Gases and Steam.
- Noise abating Trim designs available.
- It satisfies the majority of applications except very high flow rates.
- Sizes : 15 NB thru 900 NB
- Rating: ANSI 150 thru ANSI 2500#
(Higher ratings not applicable to all sizes)



Series 1100 Globe Single Seated 2-way Valve



SERIES 2000 GLOBE DOUBLE SEATED 2-WAY VALVE

- The trim is inherently pressure balanced
- It very well handles unclean fluids, Gases and Steam
- Low noise trims are also available
- Preferred in refineries and industries wherever the fluid contains sediments, Solid particles and also precision is equally important
- Sizes : 40 NB thru 600 NB
- Rating: ANSI 150 thru ANSI 900#
(Higher ratings available on request)

Series 2000
Globe Double Seated 2-way Valve

SERIES 3000 GLOBE 3 WAY VALVE

- When one wants to split the fluid in TWO DIFFERENT directions or mix TWO DIFFERENT streams of fluids to achieve desired control. This valve can satisfy the application
- Both the characteristics i.e: Linear / ON OFF are available
- Sizes: 15 NB to 600 NB
- Rating: ANSI 150 to ANSI 900#
(Higher ratings available on request)



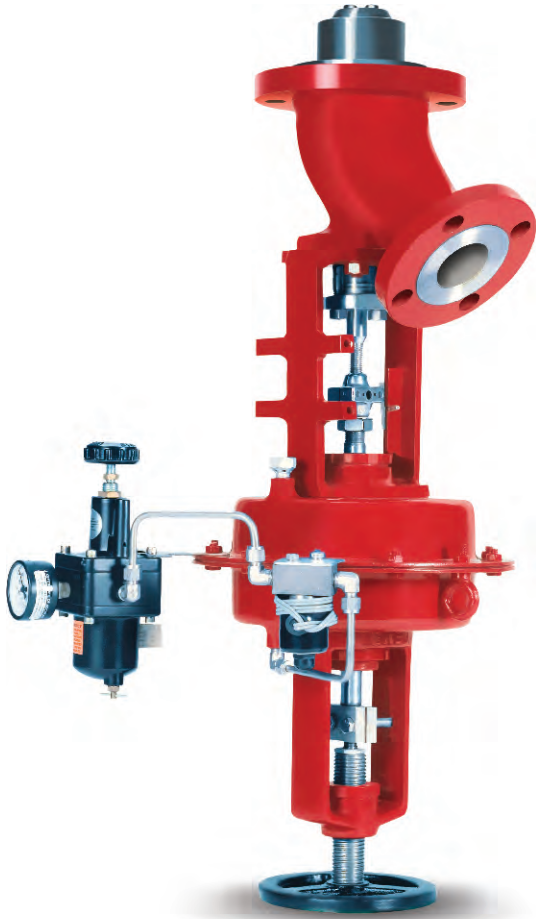
Series 3000 Globe 3 Way Valve

SERIES 5000 GLOBE ANGLE VALVE

- It is most suitable for Severe, Abrasive, Erosive, Slurry applications. However, needs application engineering on case-to-case basis
- Handles flashing the best
- Sizes: 25 NB thru 900 NB
- Rating: ANSI 150 thru ANSI 900#
(Higher ratings available on request)
- Higher Size available in fabricated economical version also



Series 5000 Globe Angle Valve



Series 9000 Flush Bottom Valve

SERIES 9000 FLUSH BOTTOM VALVE

- Flush Bottom Valves are most popular in Pharma and Agrochemical Batch Process Industries for emptying the vessel from bottom
- Effective in handling Highly Dense and Viscous Fluids & Slurry
- Tight shut-off up to 200° C
- Jacketed bodies are also available to maintain the liquid in flowing state
- Sizes: 40 NB thru 300 NB
- Rating: ANSI 150 thru ANSI 300#
(Higher ratings available on request)

Valve Operators:

- Lever
- Gear Box
- Pneumatic Actuator
- Electric Actuator
- Hydraulic Actuator



Series 7100
Clearance Type Butterfly Valve

SERIES 7100 CLEARANCE TYPE BUTTERFLY VALVE

- These center disc Butterfly Valves are designed to meet your end requirements.
- Light as well as rugged design to suit specific applications.
- Valves for Extreme high working temperatures up to 900°C are provided.
- End connections Wafer / Double flanged.
- Fabricated valves with varying face to face dimensions can be made available in consultation with our design & development department.
- Mounting flanges in accordance with ISO 5211.
- Valve Sizes: 50 DN through 4000 DN.
- Valve ratings: PN-2.5 - PN-16, PN-6 thru PN-25 / 300#.

Valve Operators:

- Lever
- Gear Box
- Pneumatic Actuator
- Electric Actuator
- Hydraulic Actuator

SERIES 7200 RESILIENT SEATED BUTTERFLY VALVE

- Can Be Installed in Any Position.
- Reliable & Effective Tight Shut-Off.
- Minimum Wear Of Rubber Lining During Opening/ Closing.
- Suitable For Vacuum Application.
- Renewable Seats.
- Valve Sizes: DN 50 – DN 500.
- Pressure Ratings: PN 6 – PN 20.

Valve Operators:

- Lever
- Gear Box
- Pneumatic Actuator
- Electric Actuator
- Hydraulic Actuator



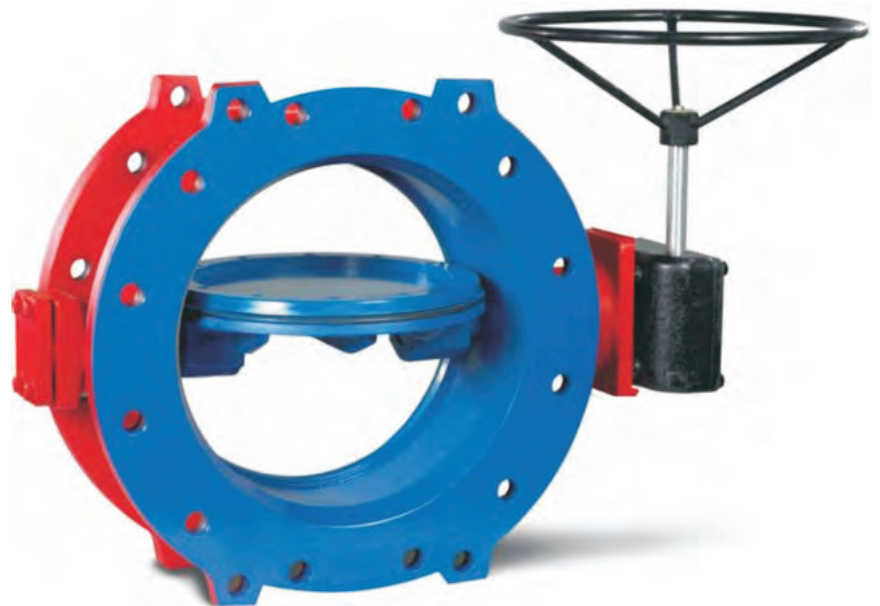
Series 7200
Resilient Seated Butterfly Valve

SERIES 7500 WATER APPLICATION BUTTERFLY VALVE

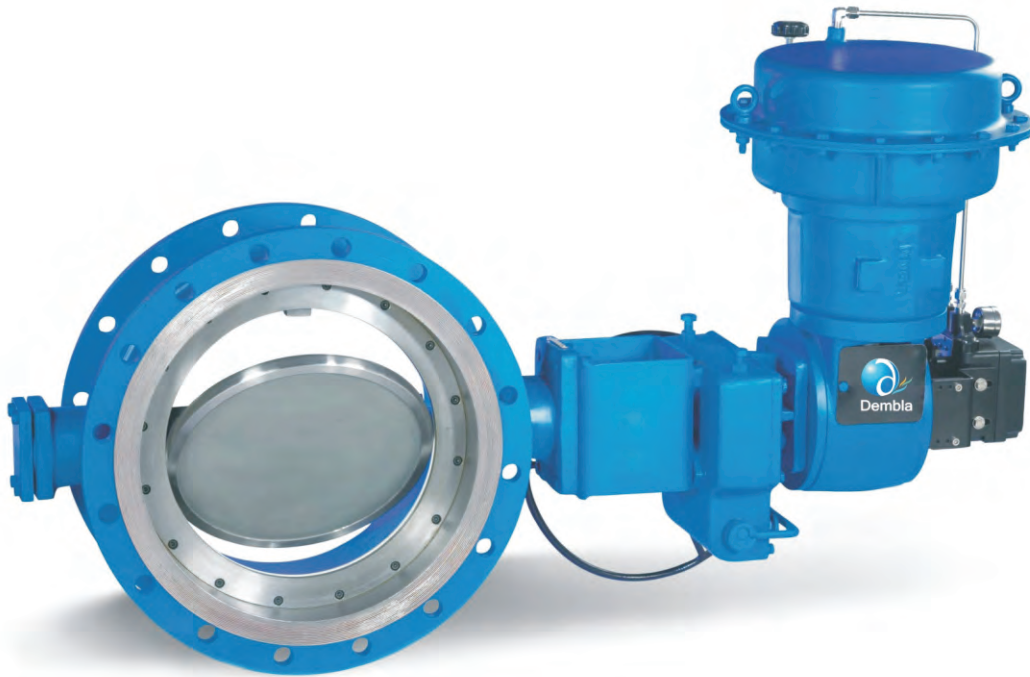
- Sturdy & Rugged designed valve in accordance with A W W A C - 504 / EN-593.
- Valve body & disc with or without Ebonite / Epoxy lining.
- Better seating effect due to Double Eccentric disc design.
- This also gives extra life to valve seal due to minimum contact wear.
- Additional features available in consultation with our design & development department.
- Size 80 NB through 2500 NB.
- Valve rating PN-6 thru PN-40 / ANSI 150# / 300# (ANSI 125# / 250#)

Valve Operators:

- Lever
- Gear Box
- Pneumatic Actuator
- Electric Actuator
- Hydraulic Actuator



Series 7500 Water Application
Butterfly Valve



Series 7400 High Performance Butterfly Valve

SERIES 7400 HIGH PERFORMANCE BUTTERFLY VALVE

- Double Eccentric Disc design impart extremely high Edge to suit various demanding applications
- Valves designed to achieve bi-directional tight shut off
(with Elastomer soft seat)
- Wide choice of various seat moc:
EPDM / VITON / PTFE / RTFE (GFT) / SS316
- Choices of End Connections Wafer / Lugged / Flanged
- Face to face dimensions available as per International standards
- Fire safe design as per API 607 available
- **ABS design type approved**
- Blow out proof stem design
- Size 50NB thru 3000 NB
- Valve ratings PN-1, PN-2.5, PN-6, PN-10, PN-16, PN-25, PN-40/ ANSI 150# / 300#



Series 7400 Aluminium Bronze

SERIES 7600 TRIPLE OFFSET BUTTERFLY VALVES

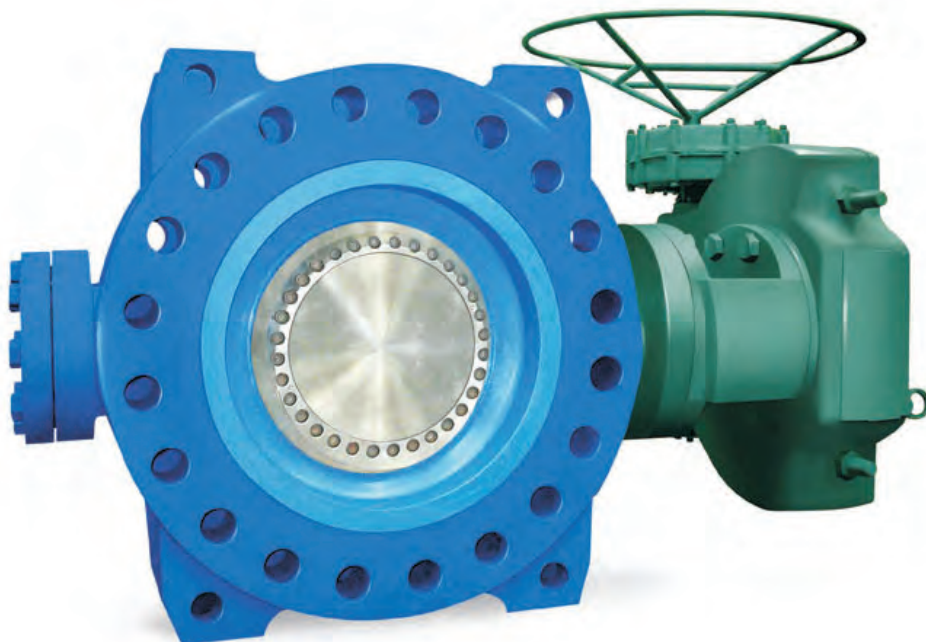
- Metal to metal Tight shut-off
- Inherently Fire Safe Design
- Laminated Seats
- Suitable to handle high temperature and abrasive application
- Bidirectional
- Sizes 80 NB through 1000 NB
- Rating ANSI 150# , 300# & 600#

Valve Operators:

- Lever
- Gear Box
- Pneumatic Actuator
- Electric Actuator
- Hydraulic Actuator



Series 7600 Triple Offset Butterfly Valves.



SERIES 8200 - V BALL VALVE

- It's Segmented Ball Imparts Cutting Edge To Handle Fibrous, Viscous & Slurry Applications.
- It Is High Flow Capacity Valve & Offers Good Control.
- Wafer & Flanged End Connection.
- Soft Seats & Metal To Metal Seats.
- Valve Sizes: DN 25 – DN 600.
- Pressure Ratings: PN 10 – PN 40.



Series 8200 V - Ball Valve

SERIES 8100 FLOATING BALL VALVE



Series 8100 Floating Ball Valve

Live Loaded Gland Packing

- Graphite Packing are provided as standard taking care of Fire Safe Design Condition. Belleville Springs Washers are used to achieve live loading which protects Gland loosening under vibrations & shock conditions.

Antistatic Device

- To ensure Electrical Continuity between the Stem and Ball and Body all Valves are provided with Antistatic device as an integral part of Floating Ball Valves.

Blow Out Proof Stem

- Stem is Designed to include a collar to provide protection against Blow Outs.

Locking Device

- Locking devices are provided on all Valves with both Lever Operator and Gear Operator.

Integral Actuator Mounting Pad

- All Valves are featured with an Integral Mounting Pad on Valve Bodies in accordance with ISO 5211

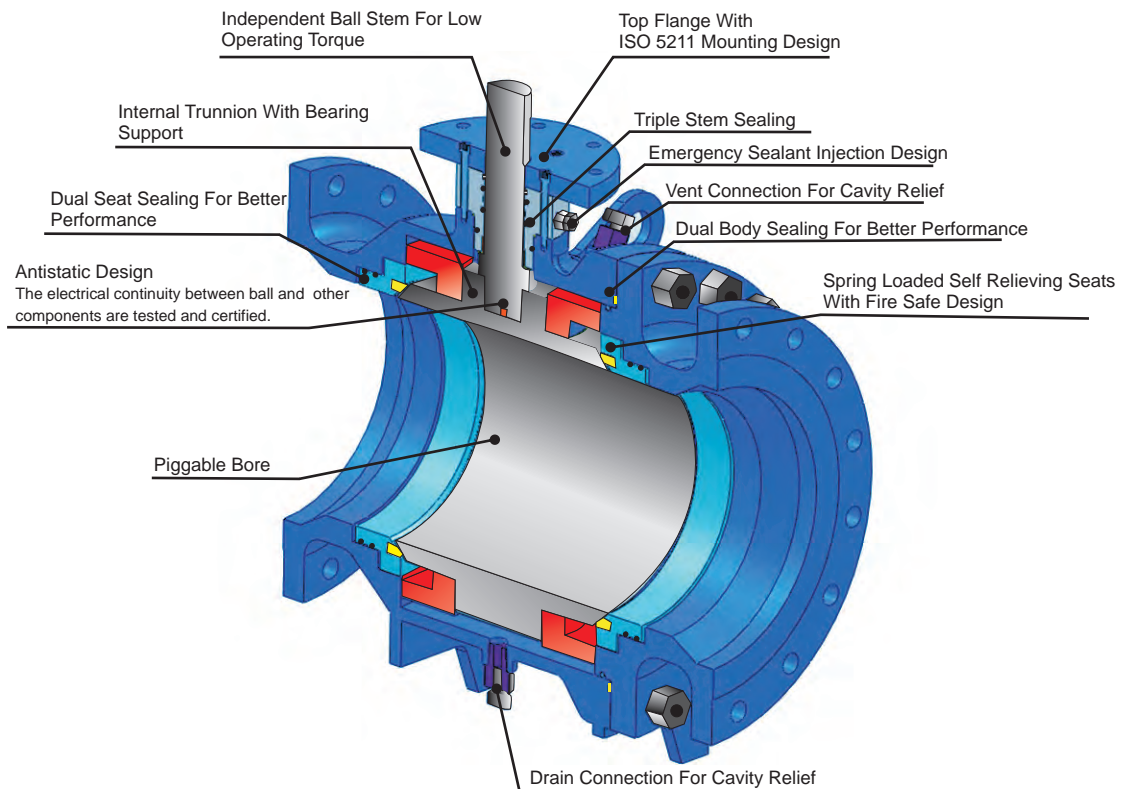
Valve Size: DN 15 - DN 200 [1/2" - 8"]

SERIES 8200 TRUNION BALL VALVE



- Most Popular & Reliable Valve For Isolation & Shut Down Applications.
- Three Piece, Two Piece Designs Available.
- Trunion As Well As Floating Designs.
- ENP Coating Inside Valve As Option.
- Stellited Ball & Seats For Tight Shut In Abrasive Fluids.
- Valve Sizes: DN 15 – DN 1000.
- Pressure Ratings: PN 10 – PN 320.

Series 8200 Trunion Ball Valve



Description

Wedge Gate Valve:

Wedge gate Valves are for straight flow of fluid where minimum restriction is desired and are Bi-Direction valves. Gate Valves are intended to use widely in Steel Sectors, Oil and Gas , Power sectors , Refineries , Petrochemicals , Fertilizers ,Energies , and Water desalination plants. These valves are suitable for Hydrogen and Oxygen services also. NACE requirement with carbon and carbon equivalent limitations and hardness values are best to use in Petroleum and Natural Gas industries and for use in H2S - containing environment in oil and gas production.

Series : GTV-01 Gate Valve

- Design Standard : API-600, ASME-B-16.34
- Face To Face : ASME-B-16.10/BS-2080
- End Connection : Flanged Ends to ASME-B-16.5 till 600 mm and as per ASME-B-16.47 for above 600 mm
Socket weld ends as per ASME-B-16.11 and
Butt weld ends as per ASME-B-16.25 and Screwed Ends as per ASME B 1.20.1
- Testing Standard : API-598/ EN-12266-1/ISO-5208
- Size : 1/2" To 40"
- Rating : 150# to 1500#

Pneumatic Actuator



Chain Wheel Operator



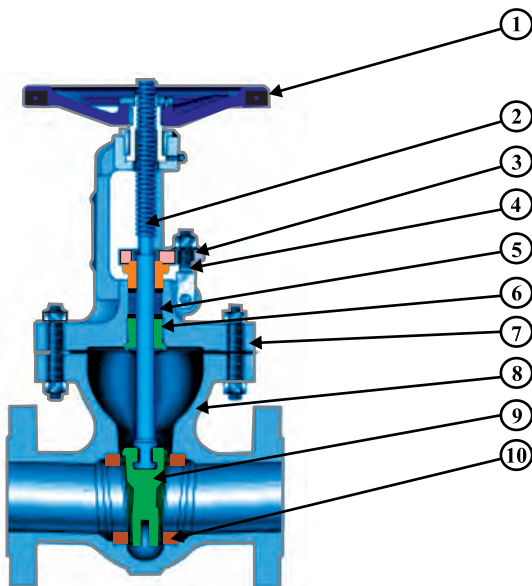
Gear Operator



Electrical Actuator



Series : GTV-01 Gate Valve



NO.	PART	NO.	PART
1	Hand Wheel	6	Back up seat
2	Valve Shaft	7	Bonnet
3	Gland flange	8	Body
4	Gland stud	9	Gate
5	Gland packing	10	Seat

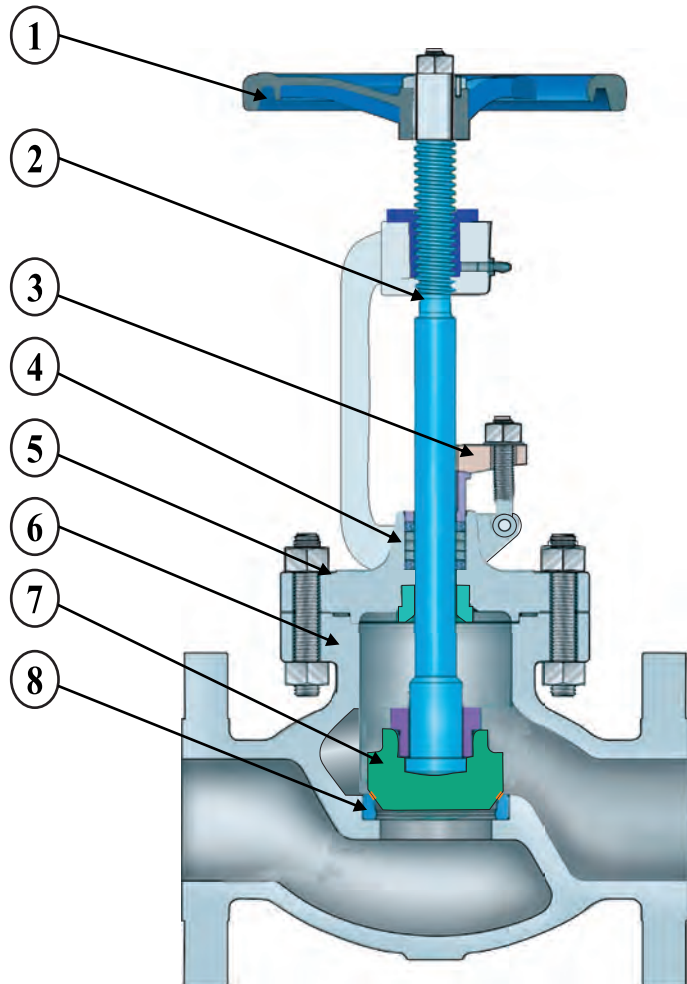
Description

Globe Valve:

It is a type of regulating and flow controlling valve in pipe line. These are also used for Throttling application to control flow rate. These are uni direction valves with parabolic taper plug which supports flow with minimum friction. These are widely used in Refineries, Power sectors, On and Off shore platforms , Petrochemicals, Fertilizers, Oil and Gas\ plants , Thermal and Nuclear power generation plants and chemical industries. NACE requirement with carbon and carbon equivalent limitations and hardness values are best to use in Petroleum and Natural Gas industries and in H₂S- containing in environment oil and gas production.



Series : GBV-01 Globe Valve



Series : GBV-01 Globe Valve

Design Standard	:	BS-1873, ASME-B-16.34
Face To Face	:	ASME-B-16.10
End Connection	:	Flanged Ends to ASME-B-16.5, Screwed ends as per ASME - B 1.20.1 Socket weld ends as per ASME-B-16.11 Butt weld ends as per ASME-B-16.25.
Testing Standard	:	API-598/ EN-12266-1/ISO-5208
Size	:	1/2" To 24"
Rating	:	150# To 1500#

NO.	PART	NO.	PART
1	Hand Wheel	5	Bonnet
2	Valve Stem	6	Body
3	Gland Flange	7	Plug
4	Gland packing	8	Seat

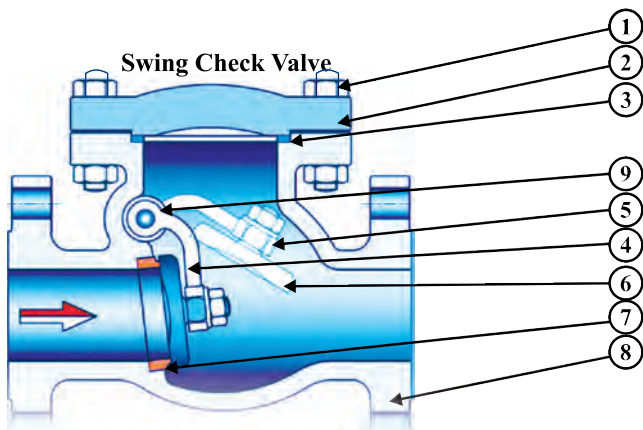
Description

Non Return / Check Valve :

These are called Non Return Valves and are Uni-direction valves. It prevents flow in reverse direction hence are called **NON RETURN VALVE**. These are self-operating devices and are economical. An important concept in check valves is the cracking pressure which is the minimum upstream pressure at which the valve will operate. Typically the check valve is designed for and can therefore be specified for a specific cracking pressure. Its construction permits top entry for complete removal of internal components without removing the valve from the line. These are suitable for both vertical as well as horizontal application. Check valves, or non-return valves, are installed in pipeline systems to allow flow in one direction only. They are operated entirely by the flow of the line fluid and therefore do not require any external actuation. In this text, the expected, or desired direction of flow is termed 'forward flow', flow in the opposite direction is 'reverse flow'. These are also widely used in Petrochemicals, Oil and Gas, refineries, Power sectors and Steel plants and Fertilizers.

Series : SCV-01 Swing Check Valve

Design Standard	:	BS-1868 , ASME-B-16.34
Face To Face	:	ASME-B-16.10/BS-2080
End Connection	:	Flanged Ends to ASME-B-16.5 Butt weld ends as per ASME-B-16.25.
Testing Standard	:	API-598/EN-12266/ISO-5208
Size	:	2" To 24"
Rating	:	150# to 1500#



Series : SCV-01 Swing Check Valve

NO.	PART	NO.	PART
1	Stud & Nut	6	Disc
2	Bonnet Cover	7	Seat
3	Gasket	8	Body
4	Hinge	9	Hinge Pin
5	Disc locking nut		



Series : DPCV-01 Dual Plate Check Valve

Series : DPCV-01 Dual Plate Check Valve

Design Standard	:	API 594
Face To Face	:	API 594
End Connection	:	Wafer, lugged, & double flanged to suit ASME B16.5 up to 600mm and according to ASME B16.47 for above 600mm
Testing Standard	:	API-598/EN-12266-1/ISO-5208
Size	:	2" To 40"
Rating	:	150# to 1500#

Additional /Special Features :

- 1) Fire Safe Design.
- 2) Corrosion Allowance 6 mm as a special case. (2 To 3mm CA by Default)
- 3) Fugitive & Low Emission Test As Per ISO-15848 Part -2
- 4) Valves For Hydrogen/Oxygen Service.
- 5) Valves Testing With Nitrogen Gas With Full Pressure.
- 6) Special Material : Bronze/ Al. Bronze, C83600, C95800, C95400, According To ASTM B-148, & BS1400.
- 7) Special Packing (Talulf) /Double Packing.

Globe Check & Angle Globe Valves Are Also Part Of Our Products.

**FORGED GATE,
GLOBE & CHECK
VALVE**

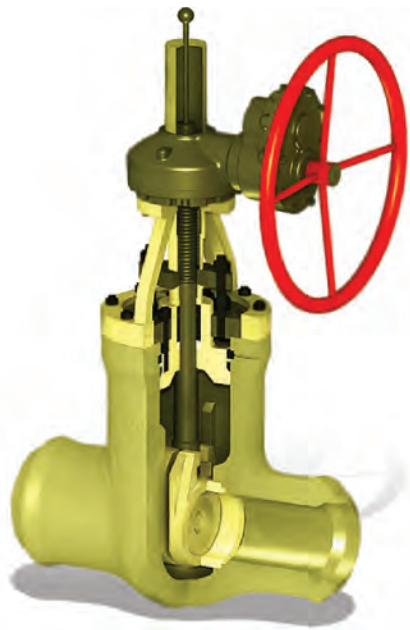


Special Materials/Attachments

Angle Globe Valve



Pressure Seal Bonnet:



SCV With Counter Weight Arrangement.



SCV With Hydraulic Arrangement.



GTV Having By Pass Arrangement
With Electrical Actuator



GTV Having By Pass Arrangement





SALES OFFICE :

M/S Dembla Valves Ltd

C-30, Jai Matadi Compound, Kalher Village,

Thane-Bhiwandi-Agra Road - 421 302, Maharashtra, India.

Tel.: +91 - 09272234790 - 97

Fax : 022 - 25853429

E-mail : expo@dembla.com

WORKS :

M/S Dembla Valves Ltd.

"A/8", Arham Logiparc, Valshind Village,

Mumbai-Nashik Highway (NH3), Bhiwandi,

Thane - 421 302. Maharashtra (India)