

PlutoXTM

PLUTOX FLOW CONTROL

Mfgs. & Stockist of :
Industrial Valves & Fittings

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Precision Flow,
Trusted **Performance**

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PlutoXTM
PLUTOX FLOW CONTROL

About Us

PLUTOX FLOW CONTROL is a leading manufacturer of high-performance industrial valves and pipe fittings, backed by years of industry experience. Recognized for our commitment to quality and engineering excellence, we offer a comprehensive range of products, including ball, butterfly, safety, gate, globe, diaphragm, check, PTFE-lined, and forged valves, as well as industrial pipe fittings like elbows, tees, hex nipples, couplings, unions, and hose nipples.

“

*Excellence is Built Where
Honesty Leads and
Quality Follows*

- Mr. SHUBHAM

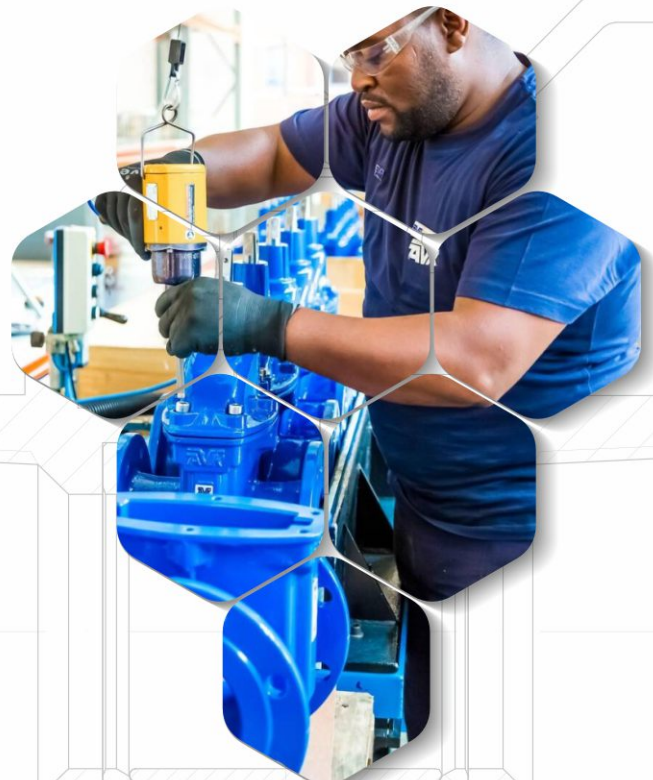
Innovation & Customer Centric

Driven by innovation and customer-centric values, we leverage advanced manufacturing technology and comply with international quality standards to deliver solutions that surpass industry expectations. Our expert engineering team works closely with clients to develop customized products that serve key industries such as oil & gas, power generation, chemical processing, and water treatment.



At **Plutox Flow Control**, our state of the art infrastructure enables us to maintain accuracy and efficiency throughout the manufacturing process. Designed to support diverse and complex projects, our production facilities ensure a smooth transition from initial concept to final delivery providing reliable, long-lasting solutions tailored to your specific operational needs.

- Design Facility & Assembly
- Testing Facility
- Research & Development
- Quality Control Process & Equipment
- State-of-the-Art Machining Facility
- Marking, Tagging, Packing & Dispatch



WHY CHOOSE US?



Customer-Centric Approach

At Plutox Flow Control, our customers are at the core of every decision. We don't just deliver products, we deliver personalized solutions. Your needs drive our innovation, and your satisfaction is our success.



Continuous Innovation

Driven by a passion for progress, Plutox invests in cutting-edge innovations that redefine performance and reliability in valve engineering. Innovation is our commitment, not a phase.



Sustainability

We are committed to responsible manufacturing practices that minimize environmental impact and promote sustainability across our operations.



Uncompromising Quality

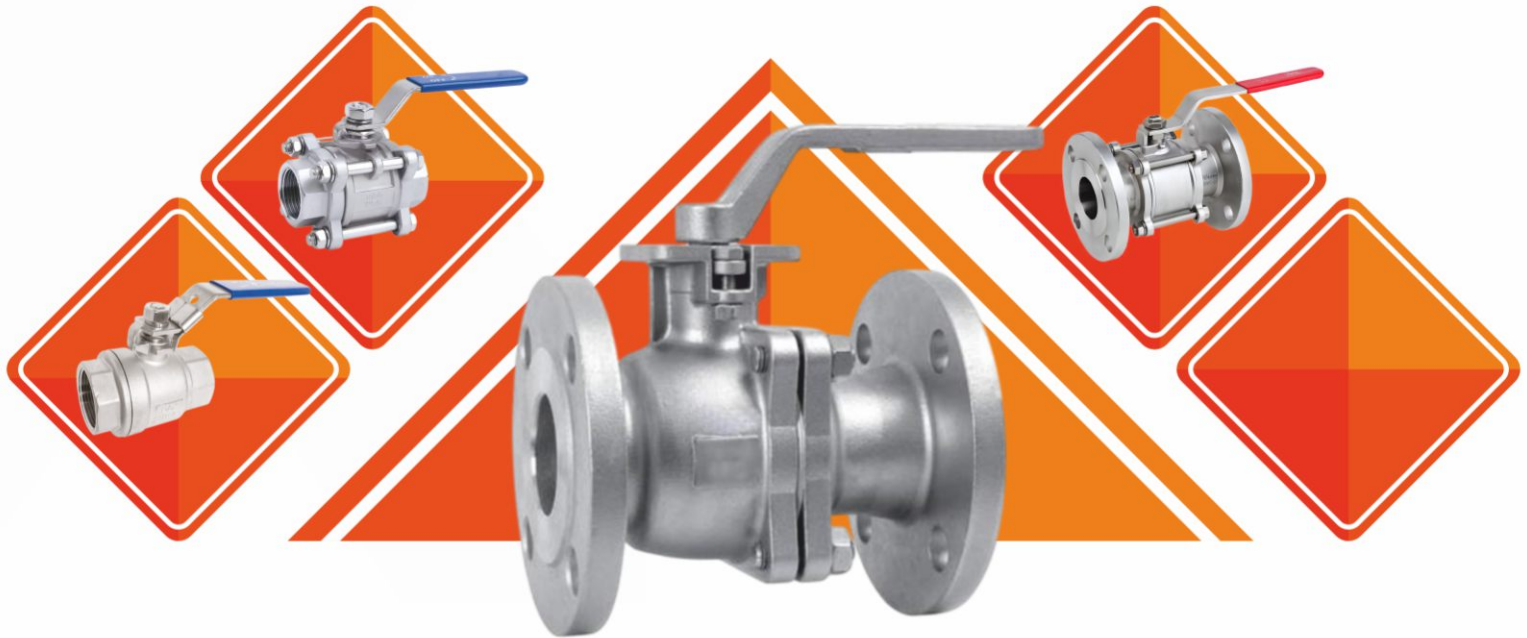
At Plutox Flow Control, quality isn't a feature it's a foundation. Every product undergoes rigorous testing & precision checks. We deliver performance you can trust, without exceptions.

OUR CERTIFICATE

Our certifications reflect our commitment to global quality and safety standards. Plutox Flow Control is proud to be accredited with industry-recognized certifications that validate our processes, materials, and manufacturing excellence.



INDUSTRIAL BALL VALVES



TYPES OF BALL VALVES

SINGLE PIECE

(Screwed End Full Bore)

THREE PIECE

(Screwed End Full Bore)

SINGLE PIECE

(Flanged End Full Bore)

TWO PIECE

(Flanged End Full Bore)

THREE PIECE

(Flanged End Full Bore)

3 WAY/ 4 WAY

(Flanged/Screwed End)

Plutox Flow Control is a leading manufacturer of all types of industrial ball valves, known for precision, durability, and reliability. Each valve is meticulously crafted and passes through strict quality control checks at every stage of production to ensure flawless performance.

We use only high-grade raw materials, ensuring strength and long service life. Our ball valves are tested in-house using advanced facilities, complying with the latest Indian and international standards for both hydraulic and pneumatic applications.

Standardized component manufacturing guarantees easy interchangeability, making maintenance simple, fast, and efficient helping industries operate with minimal downtime.

SALIENT FEATURES

- ✓ Precision Engineering
- ✓ High-Grade Raw Material
- ✓ Standardized Components
- ✓ Tested to Global Standards
- ✓ Easy Maintenance
- ✓ Wide Application Range

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THREE PIECE BALL VALVE

Design & Mfg. Standard : BS 5351 / API 6D/ ASME B16.34

Testing Standard : API 598 / BS 6765

Class : 150# / 300#

Size : 1/4" to 4" (DN06 to DN100)

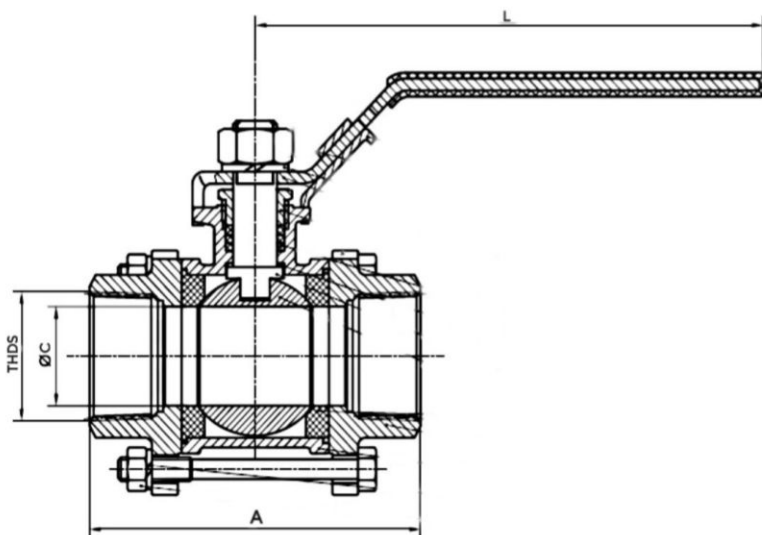
End Connection : Screwed End BSP-ISO 228, NPT

Material of Composition : WCB / CF8 / CF3 / CF8M / CF3M /
Cast Iron / Mild Steel

Optional : Reduced Port, Anti Static, ISO Mounted Pad,
Lockable Handle

Operation : Lever, Pneumatic Actuator, Electrical Actuator,

End Connection : Socket Weld End, Butt weld End



CLASS-150

SIZE		A	ØC	L	THDS. BSP/ BSPT/NPT	F	G	H
IN.	MM.							
1/2"	15	90	13	155	1/2"	21.8	29	12.7
3/4"	20	95	19	160	3/4"	27.3	35	19.0
1"	25	100	25	160	1"	34.1	43	22.0
1.1/4"	32	110	32	160	1.1/4"	43.0	54	22.0
1.1/2"	40	120	38	178	1.1/2"	49.0	58	22.0
2"	50	130	50	178	2"	61.3	71	23.0

CLASS-800

SIZE		A	ØC	L	THDS. BSP/ BSPT/NPT	F	G	H
IN.	MM.							
1/2"	15	68	12	115	1/2"	21.8	29	12.7
3/4"	20	79	16	122	3/4"	27.3	35	19.0
1"	25	95	18	153	1"	34.1	43	22.0
1.1/4"	32	107	24	178	1.1/4"	43.0	54	22.0
1.1/2"	40	117	32	178	1.1/2"	49.0	58	22.0
2"	50	130	37	178	2"	61.3	71	23.0

PRIMARY SERVICE RATING & TEST PRESSURE

CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	150 PSIG	425 PSIG	300 PSIG	200° F
300	300 PSIG	1100 PSIG	800 PSIG	200° F
800	800 PSIG	3000 PSIG	2000 PSIG	200° F
AIR TEST SEAT		80 PSIG ±10 PSIG		

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THREE PIECE BALL VALVE F/E

Design & Mfg. Standard : BS 5351 / ASME B16.34 / ISO 17292

Testing Standard : API 598 / BS 6765

Class : 150# / 300# / 600#

Size : 1/2" to 10" (DN15 to DN250)

End Connection : Flanged End ASME B16.5 Class 150# / 300# / 600#

Material of Composition : WCB / CF8 / CF3 / CF8M / CF3M / Cast Iron

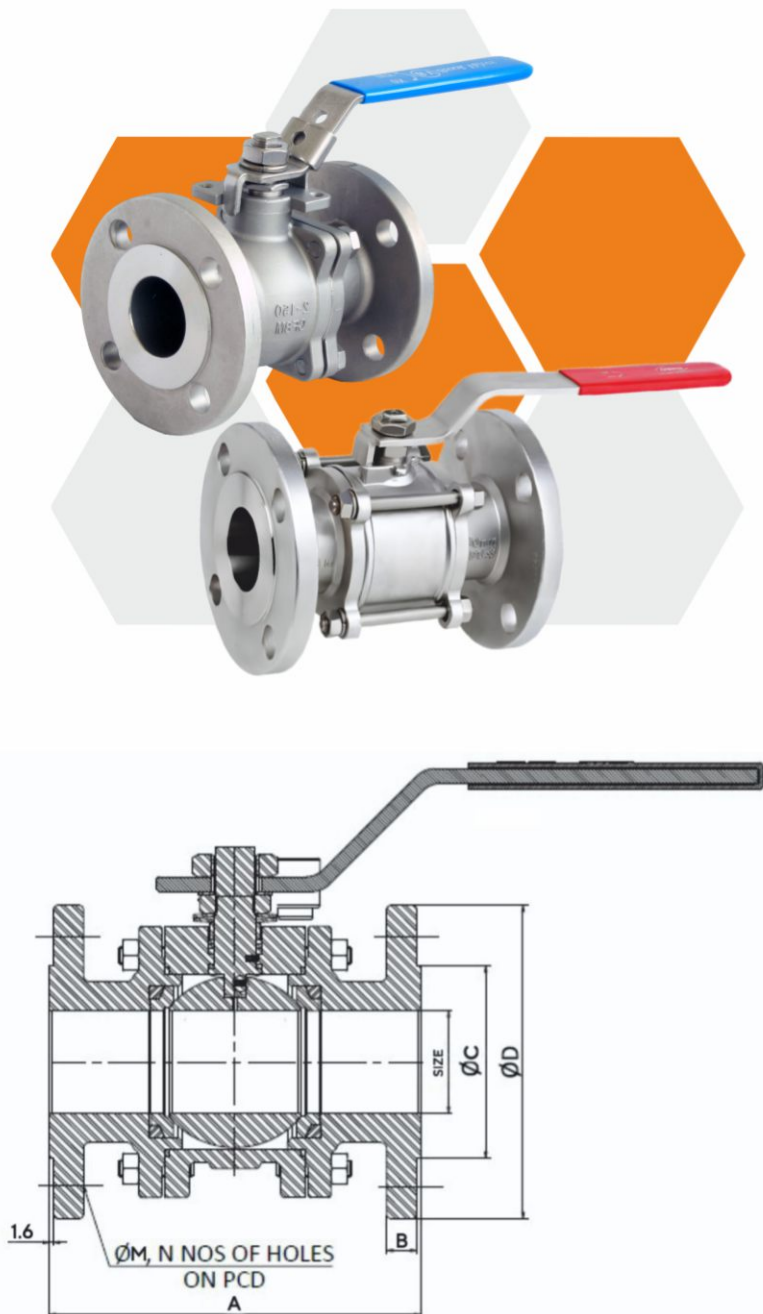
Optional : Reduced Port, Anti Static, ISO Mounted Pad, Lockable Handle

Operation : Lever, Gear, Pneumatic Actuator, Electrical Actuator,

End Connection : Flanged End To BS10 Table-D / E / F / H

Size		Class - 150						
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD
1/2"	15	108	10.0	35	89.0	16	4	60.4
3/4"	20	118	10.5	43	98.0	16	4	69.8
1"	25	127	11.0	51	108.0	16	4	79.2
1.1/4"	32	140	12.7	64	117.0	16	4	88.9
1.1/2"	40	165	14.2	73	127.0	16	4	98.5
2"	50	178	15.7	92	152.0	19	4	120.6
2.1/2"	65	191	17.5	105	178.0	19	4	139.7
3"	80	203	19.0	127	190.5	19	4	152.4
4"	100	229	24.0	157	229.0	19	8	190.5
5"	125	254	24.0	186	254.0	22	8	215.9
6"	150	267	25.0	216	279.0	22	8	241.3
8"	200	292	28.5	270	343.0	22	8	298.4
10"	250	330	30.0	324	406.0	25	12	362.0

Size		Class - 300						
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD
1/2"	15	140.0	14.2	35	95.0	16	4	66.5
3/4"	20	152.0	15.7	43	117.0	19	4	82.5
1"	25	165.0	17.5	51	124.0	19	4	88.9
1.1/4"	32	178.0	19.0	64	133.0	19	4	98.5
1.1/2"	40	190.5	20.5	73	155.5	22	4	114.3
2"	50	216.0	22.0	92	165.0	19	8	127.0
2.1/2"	65	241.0	25.0	105	190.5	22	8	149.3
3"	80	282.5	28.5	127	209.5	22	8	168.0
4"	100	305.0	32.0	157	254.0	22	8	200.0
5"	125	381.0	35.0	186	279.4	22	8	235.0
6"	150	403.0	36.5	216	317.5	22	12	269.7
8"	200	419.0	41.0	270	381.0	25	12	330.2
10"	250	457.0	47.5	324	444.5	28	16	387.4



PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	150 PSIG	425 PSIG	300 PSIG	200° F
300	300 PSIG	1100 PSIG	800 PSIG	200° F
AIR TEST SEAT		80 PSIG ±10 PSIG		

INDUSTRIAL GATE VALVE



TYPES OF GATE VALVES

Screwed Bonnet
Gate Valves

Bolted Bonnet Rising
Spindle Gate Valves

Pressure Seal Rising
Spindle Gate Valves

Knife Gate
Valves

Plutox Flow Control is a leading manufacturer of high-performance industrial gate valves, engineered to deliver reliable flow control across a wide range of applications. Each gate valve is manufactured with superior-quality raw materials and undergoes rigorous quality checks throughout the production process to ensure consistent performance and long service life. Our valves are tested in-house using advanced facilities, adhering to the latest Indian and international standards for hydraulic and pneumatic systems. With standardized components, our gate valves offer easy interchangeability ensuring quick maintenance, reduced downtime, and enhanced operational efficiency.

SALIENT FEATURES

- ✓ Precision In Flow Control
- ✓ Low frictional losses.
- ✓ Great chemical & corrosion resistance.
- ✓ Stem cover with position indicator
- ✓ No danger of entrapment of liquid in the body cavity

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BOLTED BONNET GATE VALVES

Design & Mfg. Standard : BS1414/ADI600/ADI6D/AWSI B16.34

Testing Standard : BS 5146 / API 598

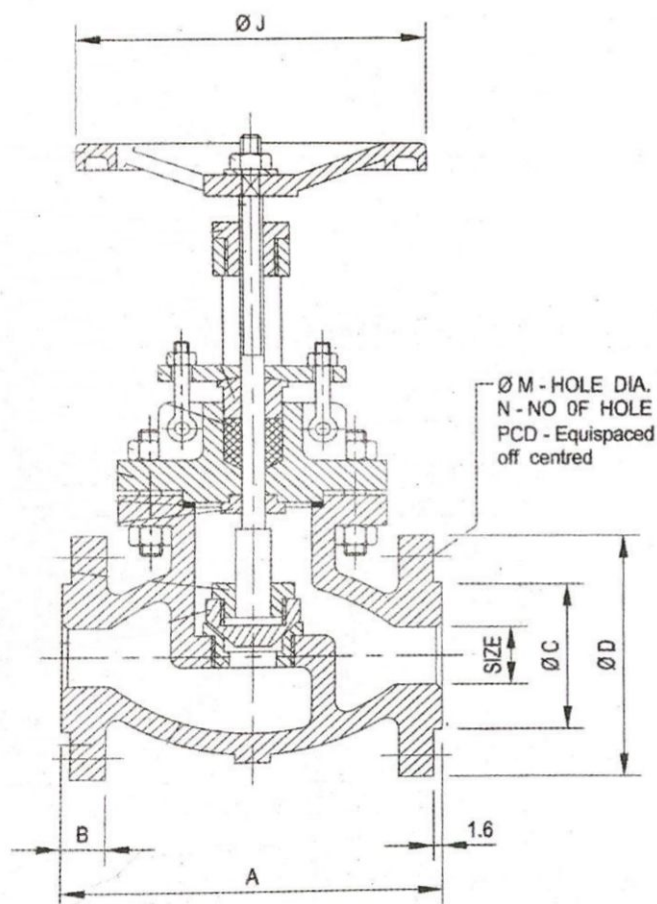
Pressure Class : 150# / 300# / 600# / 900#

Size : 1" to 24" (DN25 to DN600)

End Connection : ASME B16.5 150# / 300# / 600# / 900#

Material of Composition : Cast Steel (WCB) / CF8 / CF8M

Optional : End Connection RF / RJT / BW)



Size		Class - 150							
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD	Ø J
1"	25	127.0	11.0	51	108.0	16	4	79.2	123
1.1/2"	40	165.1	14.2	73	127.0	16	4	98.5	152
2"	50	177.8	15.7	92	152.0	19	4	120.6	203
2.1/2"	65	190.5	17.5	105	178.0	19	4	139.7	203
3"	80	203.2	19.0	127	190.5	19	4	152.4	254
4"	100	228.6	24.0	157	229.0	19	8	190.5	305
5"	125	254.0	24.0	186	254.0	22	8	215.9	305
6"	150	266.7	25.0	216	279.0	22	8	241.3	356
8"	200	292.1	28.5	270	343.0	22	8	298.4	356
10"	250	330.2	30.0	324	406.0	25	12	362.0	406
12"	300	355.6	32.0	381	483.0	25	12	431.8	457
14"	350	381.0	35.0	413	534.0	28	12	476.2	508
16"	400	406.4	36.5	470	597.0	28	16	539.7	508

Size		Class - 300							
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD	Ø J
1.1/2"	40	190.5	20.5	73	155.4	22	4	114.3	152
2"	50	215.9	22.0	92	165.0	19	8	127.0	203
2.1/2"	65	241.3	25.0	105	190.5	22	8	149.3	203
3"	80	282.5	28.5	127	209.5	22	8	168.1	254
4"	100	304.8	32.0	157	254.0	22	8	200.1	305
5"	125	381.0	35.0	186	279.4	22	8	234.9	356
6"	150	403.2	36.5	216	317.5	22	12	269.7	356
8"	200	419.1	41.0	270	381.0	25	12	330.2	406
10"	250	457.2	48.0	324	444.5	29	16	387.3	457
12"	300	501.6	51.0	381	520.7	32	16	450.8	508
14"	350	762.0	54.0	413	584.2	32	20	514.3	508
16"	400	838.2	57.0	470	647.7	35	20	571.5	508

PRIMARY SERVICE RATING & TEST PRESSURE

CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	150 PSIG	425 PSIG	300 PSIG	500° F
300	300 PSIG	1100 PSIG	800 PSIG	800° F
AIR TEST SEAT		80 PSIG ±10 PSIG		

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KNIFE GATE VALVE

Design & Mfg. Standard : MSS SP-81

Testing Standard : API 598

Pressure Class : 150#

Size : 1" to 24" (DN25 to DN600)

End Connection : Wafer Type

Material of Composition : Cast Iron / Cast Steel (WCB) / CF8 / CF8M

Optional: End Connection RF / RJT / BW

SIZE	50	65	80	100	125	150	200
ØP	46	61	63.5	85	123	139	185
ØP1	62	81	88	115	186	171	221
L Face to Face-RF	48	48	51	51	58	58	70
b	15	17	15	15	22	22	24.5
ØJ	19.05	19.05	19.05	19.05	22.2	22.2	22.2
N	4	4	4	8	8	8	8
K:PCD.	120.7	139.7	152.4	190.5	215.9	241.3	298.5

SIZE	250	300	350	400	450	500	600
ØP	236	277	309	375	410	460	562
ØP1	276	327	359	400	457	510	612
L Face to Face-RF	70	76	76	76	89	114	114
b	24.5	24.5	25	25	30	35	35
ØJ	25.4	25.4	28.6	28.6	31.75	31.75	34.9
N	12	12	12	16	16	20	20
K:PCD.	362	431.8	476.3	539.8	577.9	635	749.3



FORGED STEEL STEEL GATE VALVE

Design & Mfg. Standard : IS 778, Class-1.

Testing Standard : PN 1.6

Class : PN16

Size : 1/2" to 4" (DN15 to DN100)

End Connection : Screwed

Material of Composition : CF8 / CF8M / Gun Metal (Brass)

SIZE		SCREWED / SOCKET WELD								
IN.	MM.	A	B	Ø E	Ø F	Ø G	H	H1	DT	Ø J
1/2"	15	85	10	13	22.0	9.0	154	174	13	94
3/4"	20	90	13	15	27.5	14.0	160	185	13	94
1"	25	105	13	22	34.0	18.0	168	198	15	98
1.1/2"	40	128	13	36	48.6	32.0	231	274	25	142
2	50	142	16	45	61.1	42.0	242	287	25	142

INDUSTRIAL GLOBE VALVE



TYPES OF GATE VALVES

Screwed End
Rising Spindle

Y Type Bolted
Bonnet Rising Spindle

Y Type Bolted Bonnet
Rising Spindle Pn40

OS &Y Type Pressure
Seal Rising Spindle

Plutox Flow Control is a trusted manufacturer of premium-quality Globe Valves based in Ahmedabad, Gujarat, India. Renowned for precision engineering and reliable performance, we serve clients across Ahmedabad and surrounding regions with efficient flow control solutions. Our Globe Valves are manufactured in compliance with leading global standards including ASTM ANSI, ASTM API, and ASTM DIN ensuring durability, safety, and long-lasting service.

SALIENT FEATURES

- ✓ Good shutoff capability
- ✓ Shorter stroke
- ✓ Easy to machine or resurface the seats
- ✓ Moderate to good throttling capability

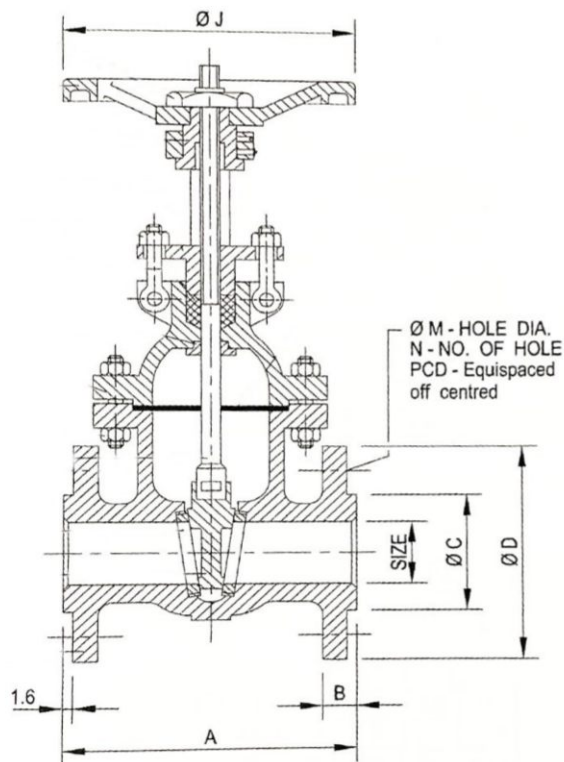
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GLOBE VALVE BOLTED BONNET

Design & Mfg. Standard : BS 1873 & ASME B16.34

Testing Standard : API 598 / ISO 5208

Pressure Class : 150# / 300# / 600#

Size : 1" to 16" (DN25 to DN400)

End Connection : ASME B16.5 150# / 300# / 600#

Material of Composition : Cast Steel (WCB) / CF8 / CF8M

Optional : End Connection RF / RJT / BW

Size		Class - 150							
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD	Ø J
1"	25	127	11.0	51	108.0	16	4	79.2	100
1.1/2"	40	165	14.2	73	127.0	16	4	98.5	135
2"	50	203	15.7	92	152.0	19	4	120.6	200
2.1/2"	65	216	17.5	105	178.0	19	4	139.7	250
3"	80	241	19.0	127	190.5	19	4	152.4	250
4"	100	292	24.0	157	229.0	19	8	190.5	300
5"	125	356	24.0	186	254.0	22	8	215.9	350
6"	150	406	25.0	216	279.0	22	8	241.3	350
8"	200	495	28.5	270	343.0	22	8	298.4	400
10"	250	622	30.0	324	406.0	25	12	362.0	450
12"	300	698	32.0	381	483.0	25	12	431.8	500

Size		Class - 300							
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD	Ø J
1"	25	203.0	17.5	51	124.0	19	4	89.0	135
1.1/2"	40	229.0	20.5	73	155.5	22	4	114.3	200
2"	50	267.0	22.0	92	165.0	19	8	127.0	200
2.1/2"	65	292.0	25.0	105	190.5	22	8	149.3	200
3"	80	317.5	28.5	127	209.5	22	8	168.0	300
4"	100	356.0	32.0	157	254.0	22	8	200.0	350
5"	125	400.0	35.0	186	279.4	22	8	235.0	350
6"	150	444.5	36.5	216	317.5	22	12	269.7	400
8"	200	559.0	41.0	270	381.0	25	12	330.2	550
10"	250	622.0	47.5	324	444.5	28	16	387.4	600
12"	300	711.0	51.0	381	521.0	32	16	450.8	600

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	150 PSIG	425 PSIG	300 PSIG	500° F
300	300 PSIG	1100 PSIG	800 PSIG	800° F
AIR TEST SEAT		80 PSIG ±10 PSIG		

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FORGED STEEL GLOBE VALVE

Design & Mfg. Standard : Manufacturer Standard

Testing Standard : PN 1.6

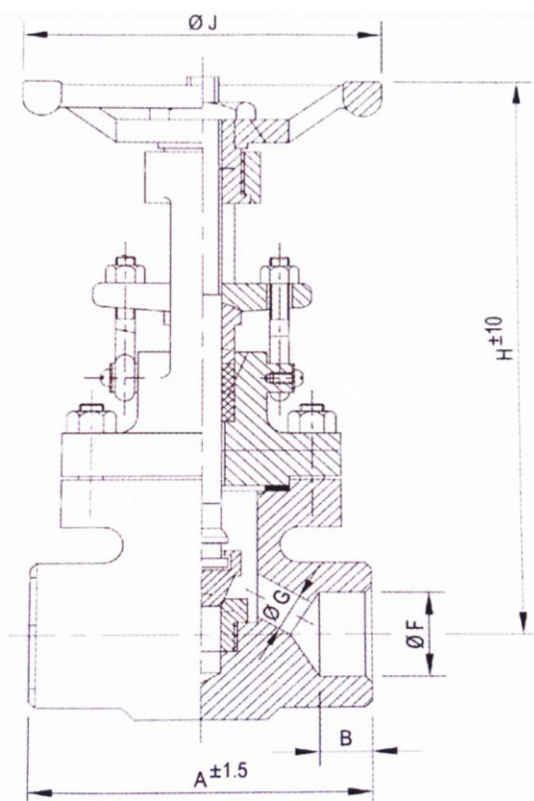
Class : PN16

Size : 1/2" to 4" (DN15 to DN100)

End Connection: Screwed

Material of Composition :CF8 / CF8M / WCB

SIZE		SCREWED / SOCKET WELD						
IN.	MM.	A	B	E	Ø F	Ø G	H	Ø J
1/2"	15	85	10	13	22.0	9.0	150	78
3/4"	20	90	13	13	27.5	12.0	165	78
1"	25	105	13	15	34.0	17.5	185	100
1.1/2"	40	128	13	25	48.6	29.5	239	142
2	50	142	16	25	61.1	35.0	248	142



TEST PRESSURE	
BODY	SEAT
3000 PSIG	2000 PSIG
AIR TEST OF SEAT AT 100 PSIG	

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Y TYPE BOLTED BONNET GLOBE VALVE

Design & Mfg. Standard : PN16 / PN40

Testing Standard : API 598

Class : PN 16 / PN 40

Size : 1" to 8" (DN25 to DN200)

End Connection : ASME B16.5 150#

Material of Composition : Cast Steel (WCB) / CF8 / CF8M / Cast Iron

Size		A	B	Ø C	Ø D	Ø M	N	PCD	Ø J
IN.	MM.								
1"	25	160	18	68	115	14	4	85	125
1.1/2"	40	200	20	88	150	18	4	110	175
2"	50	230	20	102	165	18	4	125	175
2.1/2"	65	290	22	122	185	18	8	145	225
3"	80	310	24	138	200	18	8	160	225
4"	100	350	26	162	235	22	8	190	250
5"	125	400	28	188	270	26	8	220	250
6"	150	480	30	218	300	26	8	260	312
8"	200	600	34	285	375	30	12	320	375
10"	250	730	42	345	450	33	12	385	500



GLOBE VALVE SCREWED BONNET

Design & Mfg. Standard : Manufacturer Standard

Testing Standard : PN 1.6

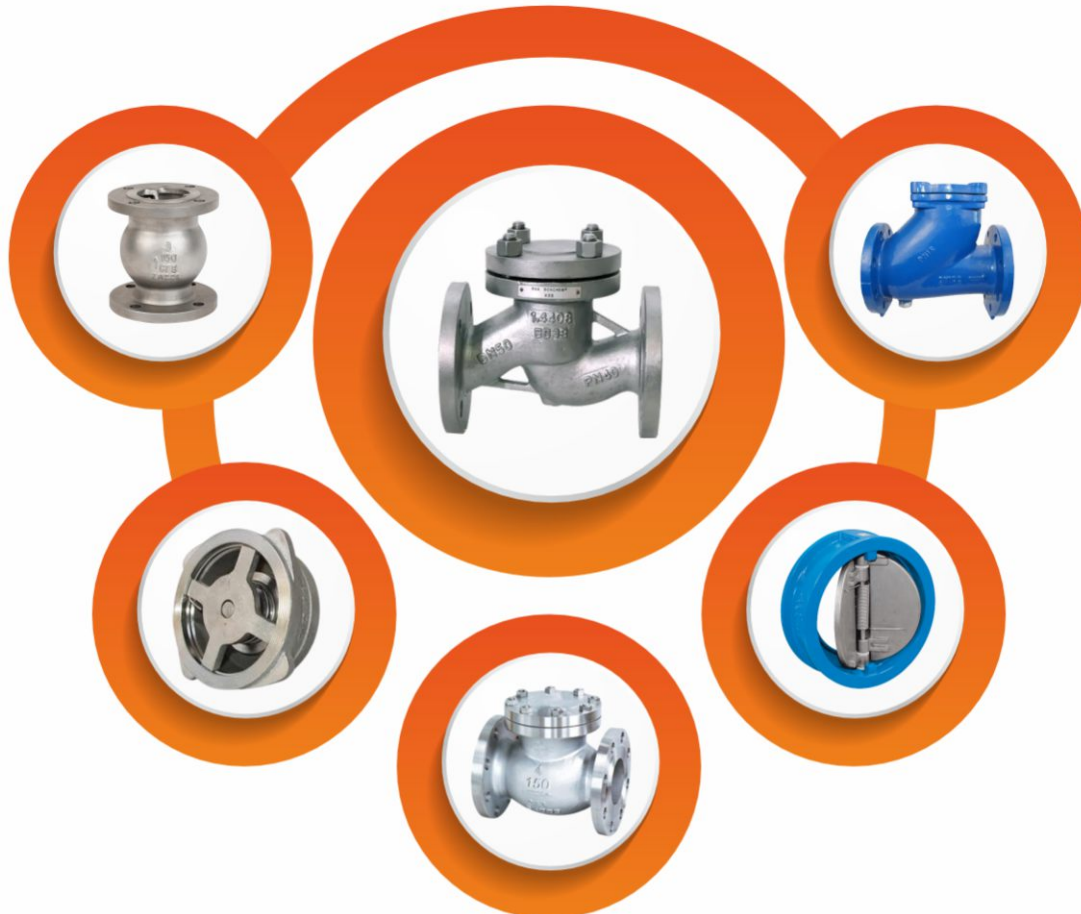
Class : PN16

Size : 1/2" to 4" (DN15 to DN100)

End Connection: Screwed

Material of Composition : CF8 / CF8M / WCB

INDUSTRIAL CHECK VALVE



TYPES OF CHECK VALVES

Piston Type

Swing Type

Bolted Bonnet &
Pressure Seal

Dual Plate Single
Plate Wafer Type

Disc Wafer Type

Ball Type

Axial Type

Plutox Flow Control is a leading manufacturer of all types of industrial check valves, known for their reliability, durability, and superior quality. Each check valve is meticulously crafted using premium raw materials and undergoes thorough quality inspections at every stage of production to ensure flawless operation. Our valves are tested on advanced in-house facilities, fully aligned with the latest Indian and international standards for hydraulic and pneumatic applications. With standardized components, our check valves offer easy interchangeability, making maintenance simple, quick, and cost-effective.

SALIENT FEATURES

- ✓ Metal or soft seated options.
- ✓ Self-draining waterways.
- ✓ External spring adjustment.
- ✓ Variety of material options.
- ✓ Various end-to-end options

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PlutoXTM

PLUTOX FLOW CONTROL

SWING CHECK VALVE

Design & Mfg. Standard : API 6D

Testing Standard : API 598

Pressure Class :150# / 300# / 600#

Size : 1" to 12" (DN25 to DN300)

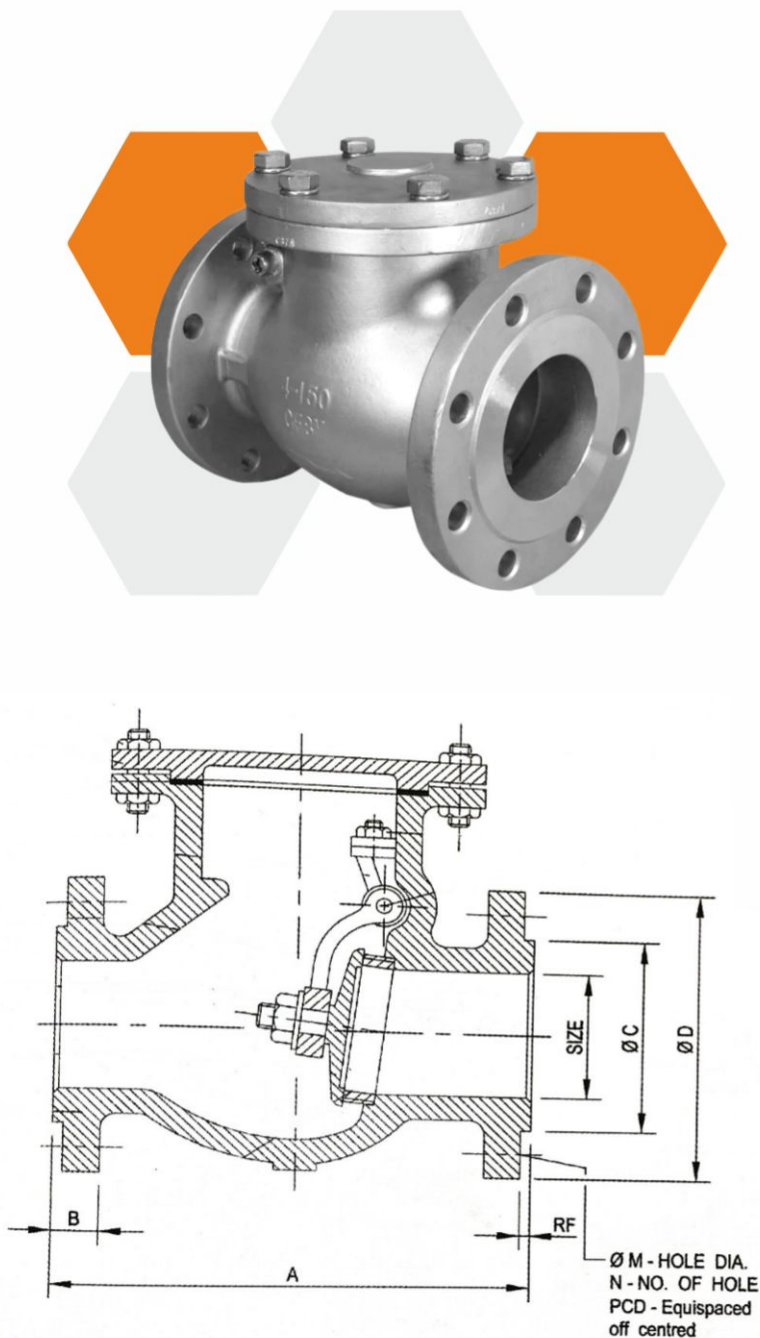
End Connection : ASME B16.5 150#

Material of Composition : Cast Steel/CF8/CF8M/Cast Iron

Optional: End Connection RF / RJT / BW

Size		Class - 150						
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD
1.1/2"	40	165	14.2	73	127.0	16	4	98.5
2"	50	203	15.7	92	152.0	19	4	120.6
2.1/2"	65	216	17.5	105	178.0	19	4	139.7
3"	80	241	19.0	127	190.5	19	4	152.4
4"	100	292	24.0	157	229.0	19	8	190.5
5"	125	330	24.0	186	254.0	22	8	215.9
6"	150	356	24.0	216	279.0	22	8	241.3
8"	200	495	28.5	270	343.0	22	8	298.4
10"	250	622	30.0	324	406.0	25	12	362.0
12"	300	699	32.0	381	483.0	25	12	431.8
14"	350	787	35.0	413	533.0	28	12	476.2
16"	400	864	36.5	470	597.0	28	16	539.8

Size		Class - 300						
IN.	MM.	A	B	Ø C	Ø D	Ø M	N	PCD
1.1/2"	40	241.3	20.5	73	156.0	22	4	114.3
2"	50	266.7	22.0	92	165.0	19	8	127.0
2.1/2"	65	292.0	25.0	105	190.5	22	8	149.3
3"	80	317.5	28.5	127	209.5	22	8	168.0
4"	100	355.6	32.0	157	254.0	22	8	200.0
5"	125	400.0	35.0	186	279.4	22	8	235.0
6"	150	444.5	36.5	216	317.5	22	12	269.7
8"	200	533.4	41.0	270	381.0	25	12	330.2
10"	250	622.3	47.5	324	444.5	28	16	387.4
12"	300	711.2	51.0	381	521.0	32	16	450.8
14"	350	838.0	54.0	413	584.0	32	20	514.3
16"	400	863.6	57.0	470	648.0	35	20	571.5



HYDROSTATIC TEST PRESSURE			SERVICE RATING	
CLASS	BODY	SEAT	PRESSURE	TEMP.
150	425 PSIG	300 PSIG	150 PSIG	500° F
300	1100 PSIG	800 PSIG	300 PSIG	800° F
600	2175 PSIG	1600 PSIG	600 PSIG	800° F
AIR TEST SEAT			80 PSIG ±10 PSIG	

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SINGLE PLATE CHECK VALVES

Design & Mfg. Standard: Manufacturer Standard

Testing Standard : API 598 / ISO 5208

Pressure Class :150#

Size : 1" to 24" (DN25 to DN600)

End Connection : Wafer Type

Material of Composition :Cast Steel (WCB) / CF8 / CF8M / Alloy Steel

DIMENSIONS IN (MM) SERIES - 40 (SIZE 2" - 6")

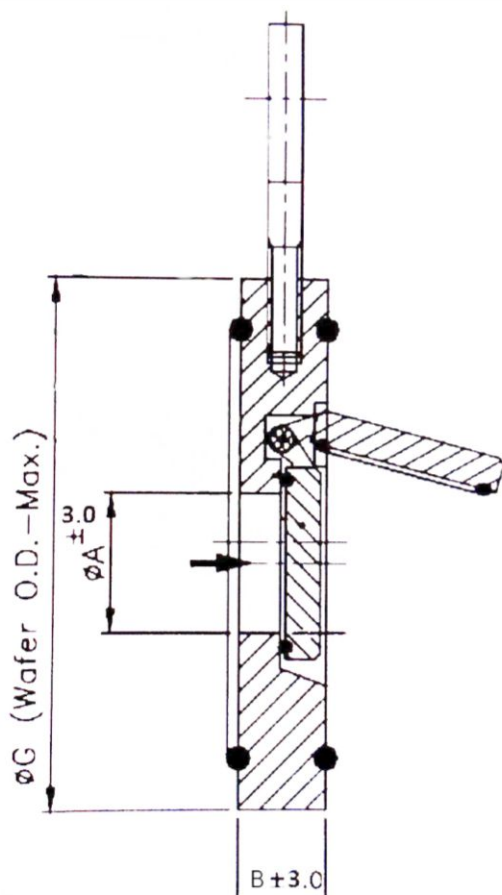
Valve Size	A	B	C				
			PN 10	PN 16	BS10D	BS10E	ANSI#150
25	14	16	72	72	69	69	64
40	22	19	93	93	86	86	86
50	30	19	108	108	97	97	104
65	40	19	128	128	110	110	123
80	52	19	143	143	129	129	136
100	71	19	163	163	161	161	174
125	93	19	193	193	193	193	196
150	114	19	219	219	218	215	221

DIMENSIONS IN (MM) SERIES - 40 (SIZE 8" - 24")

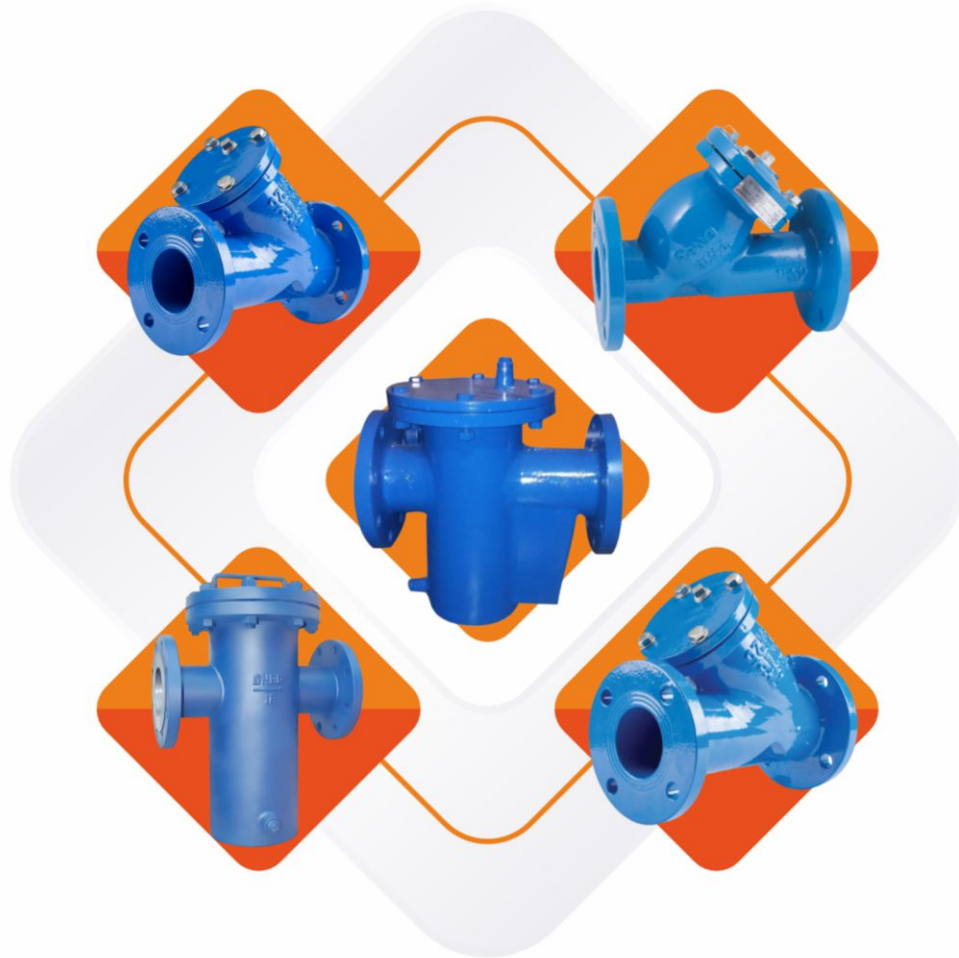
Valve Size	A	B	C				
			PN 10	PN 16	BS10D	BS10E	ANSI#150
200	157	28.5	274	274	274	272	278
250	195	28.5	329	329	335	335	339
300	230	38	379	385	385	383	409
350	270	44.5	438	444	446	446	449
400	310	51	489	496	496	496	512
450	360	60.5	538	555	559	559	545
500	406	63.5	593	616	616	616	605
600	490	70	695	733	727	724	714

DESIGN FEATURES :

- Body Type single Thin Plate, Short Type
- Suitable For Horizontal and Vertical Mounting
- Shorter overall length, mounting requires minimum space
- Low pressure Drop
- Easy to install
- Less weight
- Size Range: 1"to 42"
- Pressure Rating: PN-10/PN-16
- Seat Leakage: Zero Leakage, Tight Shut Off
- Temperature Range: 25°C to + 200°C



INDUSTRIAL STRAINERS VALVES



TYPES OF STRAINERS VALVES

Y-Type

Basket Type

Pot Type

Plutox Flow Control is a leading manufacturer of a wide range of industrial strainers and valves, known for precision engineering and superior performance. Every product is manufactured using high-grade raw materials and undergoes rigorous quality checks at multiple stages to ensure flawless functionality. Our in-house testing facilities are equipped with advanced technology to perform hydraulic and pneumatic tests, adhering to the latest Indian and international standards.

SALIENT FEATURES

- ✓ Collapse resistant screen
- ✓ In-line cleanout access.
- ✓ Spiral wound SS screen.
- ✓ For high pressure applications
Requiring easy maintenance
- ✓ Wide Application Range

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Y TYPE STRAINERS VALVES

Design & Mfg. Standard : ASME B16.34 / ND40

Testing Standard : API 598 / BS EN ISO 12266-1 (BS 6755-1)

Pressure Class :150# / 300# / 600#

Size : 1" to 16" (NB25 to NB400)

End Connection : Flanged End

Material of Composition : Cast Iron / Cast Steel (WCB) / CF8 / CF8M

Size		Class - 150							
IN.	MM.	NB	A	B	Ø C	Ø D	Ø M	N	PCD
1"	25	25	127	11.0	51	108.0	16	4	79.2
1.1/2"	40	38	165	14.2	73	127.0	16	4	98.5
2"	50	51	203	15.7	92	152.0	19	4	120.6
2.1/2"	65	64	216	17.5	105	178.0	19	4	139.7
3"	80	76	241	19.0	127	190.5	19	4	152.4
4"	100	102	292	24.0	157	229.0	19	8	190.5
5"	125	126	356	24.0	186	254.0	22	8	215.9
6"	150	152	406	25.0	216	279.0	22	8	241.3
8"	200	203	495	28.5	270	343.0	22	8	298.4
10"	250	254	622	30.0	324	406.0	25	12	362.0

Size		ND - 40							
IN.	MM.	NB	A	B	Ø C	Ø D	Ø M	N	PCD
1"	25	25	160	18	68	115	14	4	85
1.1/2"	40	38	200	18	88	150	18	4	110
2"	50	51	230	20	102	165	18	4	125
2.1/2"	65	64	290	22	122	185	18	8	145
3"	80	76	310	24	138	200	18	8	160
4"	100	102	350	24	162	235	23	8	190
5"	125	126	400	26	180	270	27	8	220
6"	150	152	480	28	218	300	27	8	250
8"	200	203	600	35	285	375	30	12	320
10"	250	254	730	38	345	450	30	12	385

Drawing

INDUSTRIAL BUTTERFLY VALVES



TYPES OF BUTTERFLY VALVES

Wafer Type Design

Lug Type Design

Offset Design

Double Flanged Type Design

Plutox Flow Control is a leading manufacturer of a wide range of industrial strainers and valves, known for precision engineering and superior performance. Every product is manufactured using high-grade raw materials and undergoes rigorous quality checks at multiple stages to ensure flawless functionality. Our in-house testing facilities are equipped with advanced technology to perform hydraulic and pneumatic tests, adhering to the latest Indian and international standards.

SALIENT FEATURES

- ✓ Water, Air, Gases, Fire Protection
- ✓ Full port design to avoid pressure drop
- ✓ Low operating torque to reduce automation costs
- ✓ Easy and quickly open & shut-off. Small fluid resistance.

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WAFER TYPE BUTTERFLY VALVE

Design & Mfg. Standard : EN 593 / API 609 / BS 5155 / MSS SP67

Testing Standard : API 598 / Bs6755 PART-1 / EN 1226-1

Class : PN10 / PN16

Size : 1-1/2" to 24" (DN40 to DN600)

Design Type : Wafer Type

Material of Composition : Cast Iron / Cast Steel / CF8 / CF8M

Optional Disc : Cast Iron / Cast Steel / CF8 / CF8M

Lining : Nitrile, Neoprene, EPDM, Hypalon, Silicon, Viton, PTFE,

Operation : Lever, Gear, Bare stem, Pneumatic Actuator, Electrical Actuator,

End Connection : Compatible to 125 / 150, BS10 Table D/E/F, PN10, PN16 Flanges



LUG TYPE BUTTERFLY VALVES

Design & Mfg. Standard : EN 593 / API 609 / BS 5155 / MSS SP67

Testing Standard : API 598 / Bs6755 PART-1 / EN 1226-1

Pressure Class : PN10 / PN16

Size : 2" to 24" (DN50 to DN600)

Design Type : Lug Type

Material of Composition : Cast Iron / Cast Steel / CF8 / CF8M

Optional: Disc : Cast Iron / Cast Steel / CF8 / CF8M

Lining : Nitrile, Neoprene, EPDM, Hypalon, Silicon, Viton Gear

Operation : Lever, Gear, Bare stem, Pneumatic Actuator, Electrical Actuator,

End Connection : Compatible to 125 / 150, BS10 Table-D/E/F, PN10, PN16 Flanges



FLANGE TYPE BUTTERFLY VALVES

Design & Mfg. Standard : BS 5155 / API 609, MSS SP-67

Testing Standard : BS 6755-I / API 598 / AWWA C-504-87

Class : PN10 / PN16

Size : 2" to 24" (DN50 to DN600)

End Connection : Wafer Type

Material of Composition : Cast Iron / Cast Steel / CF8 / CF8M

Optional: Disc : Cast Iron / Cast Steel / CF8 / CF8M

Lining : Nitrile, Neoprene, EPDM, Hypalon, Silicon, Viton, Two Piece Stem Design

Operation : Lever, Gear, Bare stem, Pneumatic / Electric Actuator

INDUSTRIAL SIGHT VIEW GLASS



DOUBLE WINDOW SIGHT GLASS

Design & Mfg Standard : EN 558-1 Series-1

Pressure Class : 150#

Size : 1/2" to 6" (DN15 to DN150)

End Connection : Flanged Type / Screwed

Material of Composition : Cast Iron / Cast Steel (WCB) /
Gun Metal/CF8/ CF8M /AISI 304 / 316



LUG TYPE BUTTERFLY VALVES

Design & Mfg Standard : Manufacturer Standard

Pressure Class : 150#

Size : 1" to 6" (DN25 to DN150)

End Connection : Flanged Type

Material of Composition : Cast Steel (WCB) / CF8 / CF8M /AISI 304 /
316 / Mild Steel

Optional : TC End

Plutox Flow Control is a recognized manufacturer of all types of industrial sight view glasses, engineered for clear visibility and robust performance. Each unit is produced with utmost precision using top-grade raw materials and undergoes rigorous quality checks at every stage of production. Our sight view glasses are tested in-house using state-of-the-art equipment, in accordance with the latest Indian and international standards for hydraulic and pneumatic systems. With standardized component design, our products ensure easy part replacement, simplifying maintenance and reducing downtime.

SALIENT FEATURES

- ✓ High visibility, hence easy & quick inspection
- ✓ Tailor Made Sight Glass
- ✓ Suitable For High Temp. Applications.
- ✓ Material Test Certificate & Pressure Test Certificates furnished on request.

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OUR PRODUCTS



Ball Valve Actuator



Pneumatic Actuator Ball Valve



Control Actuator Ball Valve



Gear Operated Actuator Valve



**Pneumatic Actuator
Ball Valve**



**Pneumatic Actuator
Ball Valve**



**Flange End Actuator
Ball Valve**

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Industrial Application

- 01) Pharmaceuticals
- 02) Petro Chemical Plant
- 03) Acid & Chemical Plant
- 04) Beverages Plant
- 05) Iron & Steel Plant
- 06) Cement Plant
- 07) Dairy Industries
- 08) Civil Construction
- 09) Automobile Industries
- 10) Heavy Machineries
- 11) Textile Industries
- 12) Power Sectors
- 13) Refineries
- 14) Food Industries
- 15) Sugar Mills
- & Many More....



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PLUTOX FLOW CONTROL

Mfgs. & Stockist of :
Industrial Valves & Fittings

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Ahmedabad-380023



Precision Flow,
Trusted **Performance**