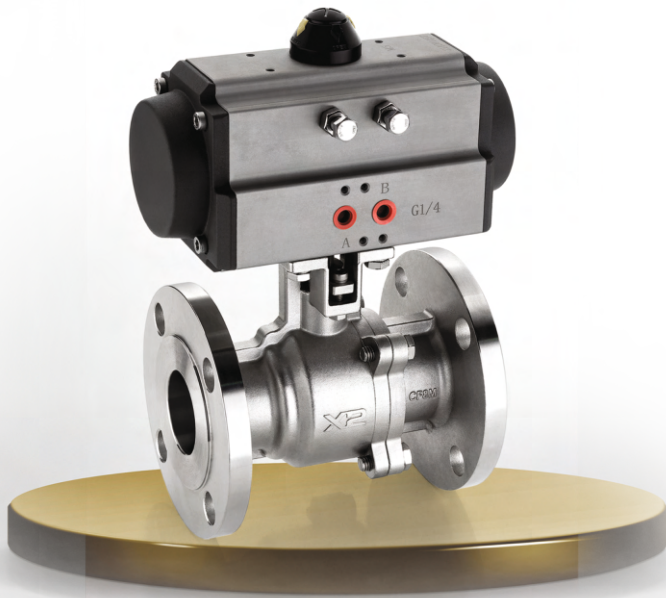




**“FLOW WHAT WE
KNOW BETTER”**



***Manufacturer of all type of industrial
valves like Ball valves, Butterfly valves
& Sight flow indicators.***

COMPANY OVERVIEW

At X2 valves Pvt. Ltd, we specialize in providing flow control solutions to our customers. Our brand, "X2 Valves" dedicated to manufacturing a range of valves and continuously improving our processes and quality, We offer a wide range of industrial valves, including Ball valves, Butterfly valves, Sight flow indicators, Double window sight flow indicators, Actuators and Accessories. Our valves are designed for compatibility, economy, and high-quality performance in various flow industries.

We manufacture high-quality industrial valves for a diverse range of industries, including the Process and Chemical industries, the Drug and Pharmaceutical industries, Refineries and Petrochemical industries, Fertilisers, Dyes and Intermediates, Paints & Varnishes, Thermal Power Stations, Nuclear and Atomic Power Stations, Textiles Industries, Sugar Factories, Steel Plants, Food & Oil Industries, Breweries & Distilleries, Soaps and Detergents, Solvent Extraction Plant, Slurry & Ash handling, Sewage, Effluents & Water Treatment, Cooling Water and waterworks, the Pulp and Paper industries, Shipyards and Marine Management, LPG Bottling Plants, Onshore & Offshore Platforms.

At X2 valves Pvt. Ltd. we value building strong partnerships with our customers, dealers and distributors. All of our products undergo 100% inspection and testing to guarantee high quality. We ensure our customers of always delivery "Value for Money" by offering quality products at competitive prices.

Our team includes qualified professionals with extensive experience in the field of valve design and manufacturing. The combination of our employees' experience, knowledge, and technological innovation capabilities is the driving force behind our company's success.

VISION

To be the leading provider of innovative valve solutions that enable our customers to achieve their operational goals while enhancing safety, reliability, and environmental sustainability.

MISSION

Our mission is to design, manufacture, and deliver high-quality valves that meet the unique needs of our customers in various industries. We are committed to providing superior customer service, promoting innovation and continuous improvement in our products and processes.

WHY US ?

Quality: Our valves are manufactured according to standards with a focus on quality.

Expertise: Our in-house team of qualified professionals with rich experience provides end-to-end service to customers from the design stage to the final product

Customization: We offer customized designs of valves to match the technical requirements of our customer's production process.

Reliability: The combination of a modern facility and our team enables us to provide a reliable and long-lasting solution for flow control.

Innovation: We always strive to make incremental changes to our designs and processes to offer products to our customers.

Responsiveness: Our company prides itself on its quick responsiveness to customer inquiries and concerns.

Competitive pricing: We strive to stay ahead in the market by offering a competitive price alongside quality valves.

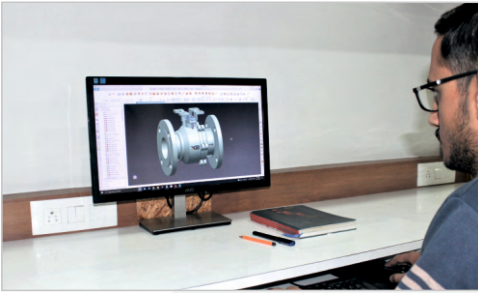
PRODUCT

At X2 valves Pvt. Ltd. we pride ourselves on manufacturing high-quality industrial valves in a variety of materials, including carbon steel, stainless steel, super duplex stainless steel, high nickel alloys, etc. Our ball valves are available in floating and constructed using investment casting techniques to ensure durability and reliability.

As a company, we are dedicated to providing total quality in everything we do. We have implemented stringent quality assurance and control systems that meet the standards set forth in ISO 9001 :2015, ensuring that our products meet the highest levels of quality and consistency. Whether you're looking for a valve for industrial, commercial, or residential applications, X2 valves Pvt. Ltd. has the expertise and experience to deliver the right product for your needs.



PROCESS



RESEARCH & DEVELOPMENT

Focuses on designing innovative, high-performance valve solutions. Utilizes advanced software and simulations to ensure durability, efficiency, and compliance with industry standards.

CASTING PROCESS

Produces high-quality valve components using precision casting techniques like investment casting, sand casting and die casting. Ensures dimensional accuracy and material integrity.



MACHINING PROCESS

Uses CNC machines and other machine tools to achieve precise dimensions, smooth surfaces, and tight tolerances. Prepares valve components for proper assembly and operation.

ASSEMBLY PROCESS

Integrates machined parts, seals, and actuators into complete valves. Ensures components fit correctly and function as designed.



TESTING PROCESS

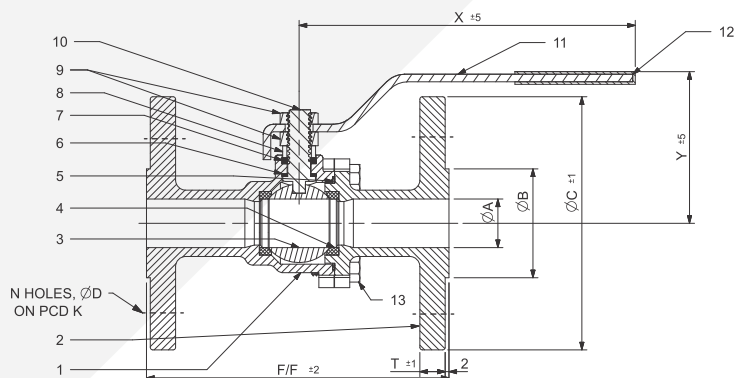
Conducts Hydro and pneumatic pressure leak tests and performance tests. Verifies valve functionality, safety, and compliance with quality standards.

INVENTORY STOCK & PACKAGING

Maintains organized storage for raw materials and finished products, enabling efficient production flow and timely deliveries. Protects valves during transportation with durable packaging.



2 Piece Flanged End Ball Valve



Dimensions (150#)

Size	Ø A	F/F	ØB	ØC	N	ØD	K	T	X	Y
15mm	13	108	34.9	90	4	15.9	60.3	8.1	128	60
20mm	19	117	42.9	100	4	15.9	69.9	9	165	66
25mm	25	127	50.8	110	4	15.9	79.4	9.6	175	78
32mm	32	140	63.5	115	4	15.9	89	11.25	175	91
40mm	38	165	73	125	4	15.9	98.4	12.7	205	95
50mm	49	178	92.1	150	4	19.1	120.7	14.5	230	108
65mm	62	191	104.8	180	4	19.1	139.7	15.9	258	128
80mm	74	203	127	190	4	19.1	152.4	17.5	278	137
100mm	100	229	157.2	230	8	19.1	190.5	22.3	350	177
125mm	125	255	186	254	8	22.2	215.9	22.3	625	250
150mm	150	267	215.9	280	8	22.2	241.3	24	625	263
200mm	200	292	269.9	345	8	22.2	298.5	27	800	300

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	8	Gland	SS 304/SS 316/SS 304L/SS316L
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	9	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
3	Ball (Hollow / Solid)	CF8/CF8M/CF3/CF3M	10	Stem	SS 304/SS 316/SS 304L/SS316L
4	Seat Ring	PTFE/GFT / CFT	11	Handle	SS 202/SS 304/SS 316/MS
5	Body Seal	PTFE/GFT/CFT/GRAY FOIL	12	Sleeve	PVC
6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL	13	Bolt	SS 202/SS 304/SS 316/B7
7	Gland Seal	PTFE/GFT/CFT/GRAY FOIL			

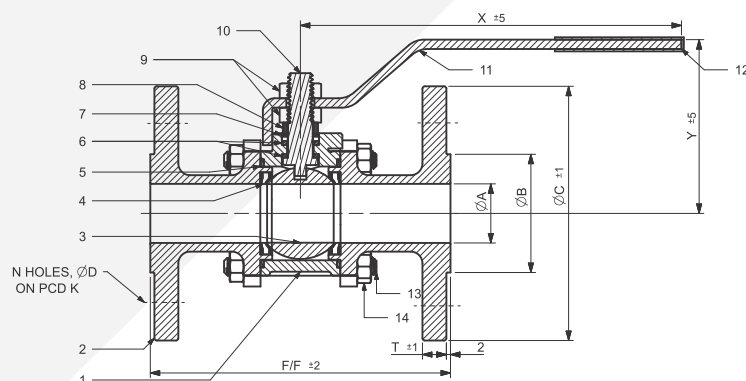
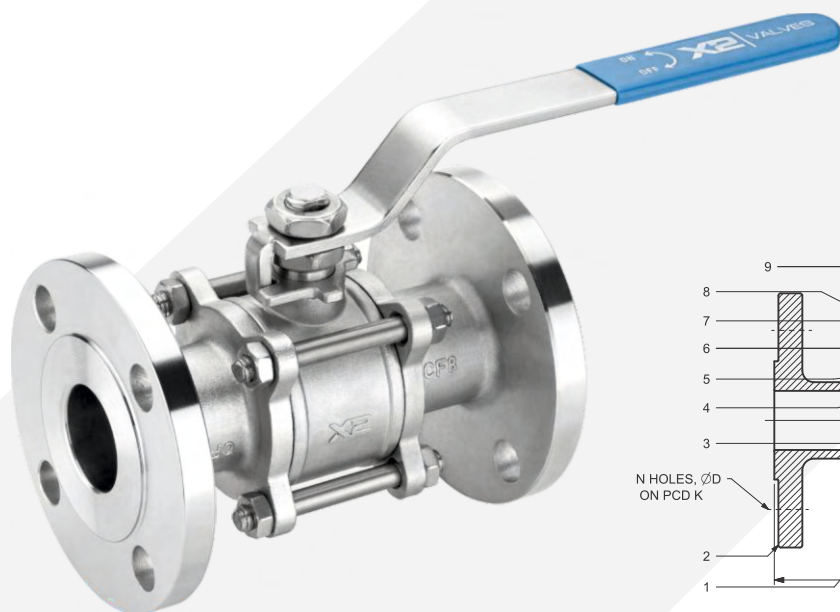
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	API 598/BS 6755
Face to Face	ASME B16.10
End Connection	ASME B16.5

3 Piece Flanged End Ball Valve



Dimensions (150#)

Size	Ø A	F/F	ØB	ØC	N	ØD	K	T	X	Y
15mm	13	108	34.9	90	4	15.9	60.3	8.1	128	60
20mm	19	117	42.9	100	4	15.9	69.9	9	165	66
25mm	25	127	50.8	110	4	15.9	79.4	9.6	175	78
32mm	32	140	63.5	115	4	15.9	89	11.25	175	91
40mm	38	165	73	125	4	15.9	98.4	12.7	205	95
50mm	49	178	92.1	150	4	19.1	120.7	14.5	230	108
65mm	62	191	104.8	180	4	19.1	139.7	15.9	258	128
80mm	74	203	127	190	4	19.1	152.4	17.5	278	137
100mm	100	229	157.2	230	8	19.1	190.5	22.3	350	177
125mm	125	255	186	254	8	22.2	215.9	22.3	625	250
150mm	150	267	215.9	280	8	22.2	241.3	24	625	263
200mm	200	292	269.9	345	8	22.2	298.5	27	800	300

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	8	Gland	SS 304/SS 316/SS 304L/SS 316L
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	9	Gland & Handle Nut	SS 202/SS 304/SS 316/B7
3	Ball (Hollow / solid)	CF8/CF8M/CF3/CF3M	10	Stem	SS 304/SS 316/SS 304L/SS 316L
4	Seat Ring	PTFE/GFT/CFT	11	Handle	SS 202/SS 304/SS 316/MS
5	Body Seal	PTFE/GFT/CFT/GRAY FOIL	12	Sleeve	PVC
6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL	13	Stud	SS 202/SS 304/SS 316/B7
7	Gland Seal	PTFE/GFT/CFT/GRAY FOIL	14	Nut	SS 202/SS 304/SS 316/B7

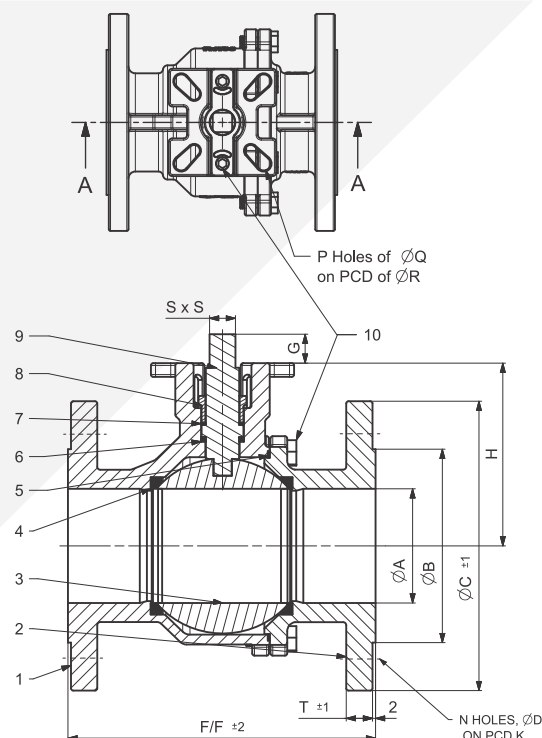
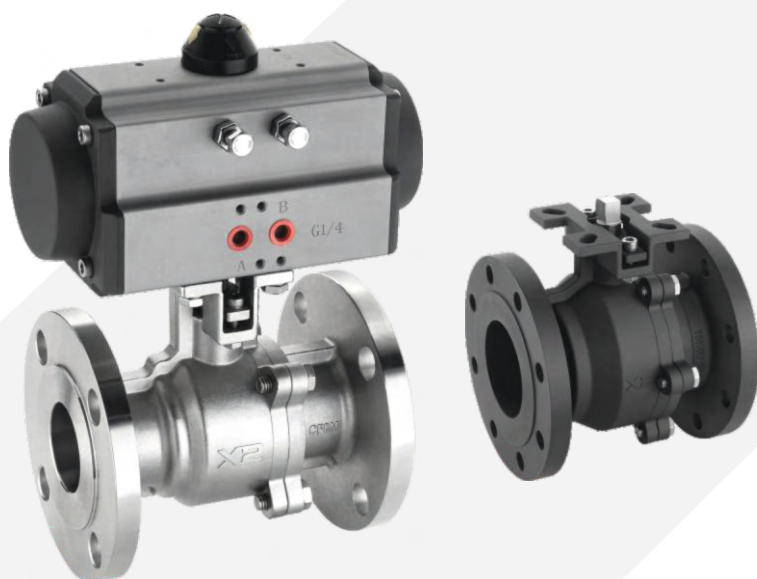
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	API 598/BS 6755
Face to Face	ASME B16.10
End Connection	ASME B16.5

2 Piece Bracket Valve



Available Options:

Bare stem, Actuator operated, Gear operated & Lever operated

Dimensions (150#)

Size	ØA	F/F	ØB	ØC	N	ØD	K	T	S x S	G	H	P	Q	R	ISO 5211
15mm	12.5	108	34.9	90	4	15.9	60.3	8	9x9	11	50	4	6-7	42-50	F04-F05
20mm	19	117	42.9	100	4	15.9	69.9	9	9x9	11	55	4	6-7	42-50	F04-F05
25mm	25	127	50.8	110	4	15.9	79.4	9.6	9x9	11	60	4	6-7	42-50	F04-F05
32mm	32	140	63.5	115	4	15.9	89	11.25	11x11	15.5	77.5	4	7-10	50-70	F05-F07
40mm	38	165	73	125	4	15.9	98.4	12.7	11x11	15.5	83.5	4	7-10	50-70	F05-F07
50mm	49	178	92.1	150	4	19.1	120.7	14.5	11x11	14	100	4	7-10	50-70	F05-F07
65mm	62	191	104.8	180	4	19.1	139.7	15.9	14x14	16	113	4	10-12	70-102	F07-F10
80mm	74	203	127	190	4	19.1	152.4	17.5	17x17	22	120	4	10-12	70-102	F07-F10
100mm	100	229	157.2	230	8	19.1	190.5	22.3	17x17	24	142	4	12-14	102-125	F10-F12
125mm#	125	255	186	254	8	22.2	215.9	22.3	22x22	24	202	4	9-11	70-102	F07-F10
150mm#	150	267	215.9	280	8	22.2	241.3	24	22x22	24	223	4	9-11	70-102	F07-F10
200mm#	200	292	269.9	345	8	22.2	298.5	27	27x27	31	281	4	14-22	125-165	F12-F16
250mm#	250	330	323.8	405	12	25.4	362	29.6	36x36	38	331	4	14-22	125-165	F12-F16

#NOTE: For 125mm, 150mm, 200mm, 250mm Valve will be with external bracket design

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	7	Gland Seal	PTFE/GFT/CFT/GRAY FOIL
3	Ball	CF8/CF8M/CF3/CF3M	8	Gland	CF8/CF8M/WCB/CF3/CF3M
4	Seat Ring	PTFE/GFT/CFT	9	Stem	SS 304/SS 316/SS 304L/SS 316L
5	Body Seal	PTFE/GFT/CFT/GRAY FOIL	10	Bolt & Nut	SS 202/SS 304/SS 316/B7

Class 150

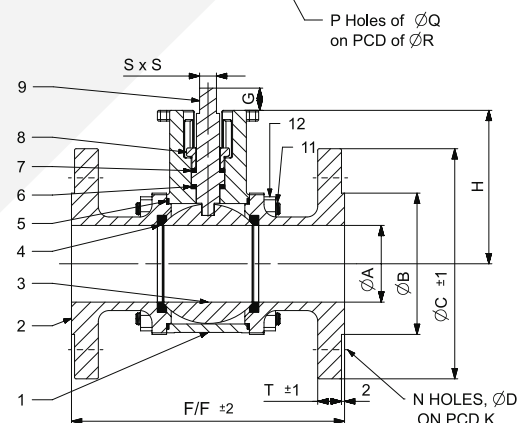
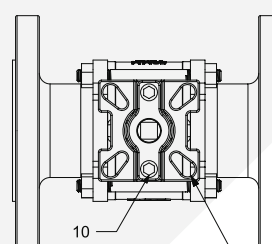
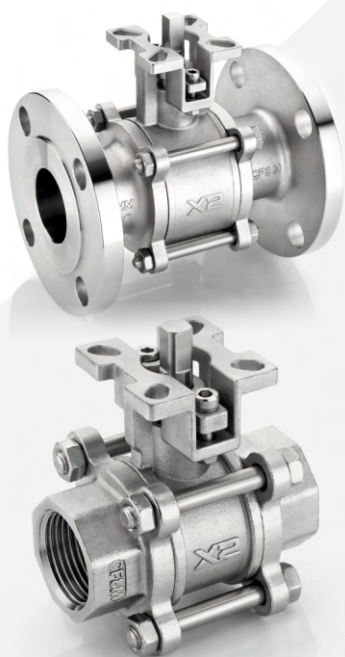
Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	API 598/BS 6755
Face to Face	ASME B16.10
End Connection	ASME B16.5

* Due to continuous upgrades in design technical data are subject to change without notice.

3 Piece Bracket Valve



Available Options:

Bare stem, Actuator operated, Gear operated & Lever operated

Dimensions (150#)

Size	ØA	F/F	ØB	ØC	N	ØD	K	T	S x S	G	H	P	Q	R	ISO 5211
15mm	12.5	108	34.9	90	4	15.9	60.3	8	9x9	11	50	4	6-7	42-50	F04-F05
20mm	19	117	42.9	100	4	15.9	69.9	9	9x9	11	55	4	6-7	42-50	F04-F05
25mm	25	127	50.8	110	4	15.9	79.4	9.6	9x9	11	60	4	6-7	42-50	F04-F05
32mm	32	140	63.5	115	4	15.9	89	11.25	11x11	15.5	77.5	4	7-10	50-70	F05-F07
40mm	38	165	73	125	4	15.9	98.4	12.7	11x11	15.5	83.5	4	7-10	50-70	F05-F07
50mm	49	178	92.1	150	4	19.1	120.7	14.5	11x11	14	100	4	7-10	50-70	F05-F07
65mm	62	191	104.8	180	4	19.1	139.7	15.9	14x14	16	113	4	10-12	70-102	F07-F10
80mm	74	203	127	190	4	19.1	152.4	17.5	17x17	22	120	4	10-12	70-102	F07-F10
100mm	100	229	157.2	230	8	19.1	190.5	22.3	17x17	24	142	4	12-14	102-125	F10-F12
125mm#	125	255	186	254	8	22.2	215.9	22.3	22x22	24	202	4	9-11	70-102	F07-F10
150mm#	150	267	215.9	280	8	22.2	241.3	24	22x22	24	223	4	9-11	70-102	F07-F10

#NOTE: For 125mm & 150mm Valve, will be with external bracket design

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	7	Gland seal	PTFE/GFT/CFT/GRAY FOIL
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	8	Gland	CF8/CF8M/WCB/CF3/CF3M
3	Ball	CF8/CF8M/CF3/CF3M	9	Stem	SS 304/SS 316/SS 304L/SS316L
4	Seat Ring	PTFE/GFT/CFT	10	Bolt	SS 202/SS 304/SS 316/B7
5	Body Seal	PTFE/GFT/CFT/GRAY FOIL	11	Stud	SS 202/SS 304/SS 316/B7
6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL	12	Nut	SS 202/SS 304/SS 316/B7

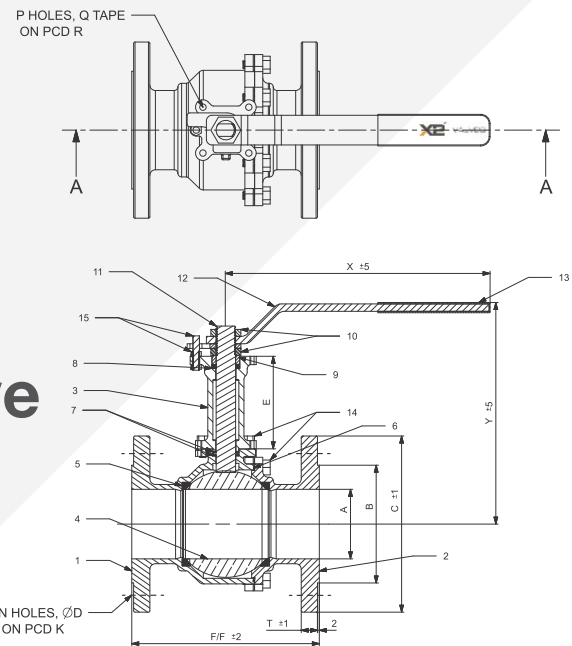
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	API 598/BS 6755
Face to Face	ASME B16.10
End Connection	ASME B16.5

2 Piece Extended Shaft Ball Valve



2 Piece ISO Pad Ball Valve



Available Options:

Bare stem, Actuator operated, Gear operated & Lever operated

Dimensions (150#)

													Y						
Size	Ø A	F/F	ØB	ØC	N	ØD	K	T	X	E			E =100	E =150	E =250	P	Q	R	ISO 5211
15mm	13	108	34.9	90	4	15.9	60.3	8.1	128	100	150	-	165	215	-	4	M5	36	F03
20mm	19	117	42.9	100	4	15.9	69.9	9	165	100	150	-	170	220	-	4	M5	36	F03
25mm	25	127	50.8	110	4	15.9	79.4	9.6	175	100	150	-	178	228	-	4	M5	42	F04
40mm	38	165	73	125	4	15.9	98.4	12.7	205	100	150	250	195	245	345	4	M6	50	F05
50mm	49	178	91.1	150	4	19.1	120.7	14.5	230	100	150	250	208	258	358	4	M8	70	F07
65mm	62	191	104.8	180	4	19.1	139.7	15.9	258	100	150	250	228	278	378	4	M8	70	F07
80mm	74	203	127	190	4	19.1	152.4	17.5	278	100	150	250	237	287	387	4	M8	70	F07
100mm	100	229	157.2	230	8	19.1	190.5	22.3	350	100	150	250	280	330	430	4	M10	102	F10
125mm	125	255	186	254	8	22.2	215.9	22.3	625	100	150	250	350	400	500	4	M10	102	F10
150mm	150	267	215.9	280	8	22.2	241.3	24	625	100	150	250	365	415	515	4	M10	102	F10

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	9	Gland	SS 304/SS 316/SS 304L/SS 316L
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	10	Gland Nut & Handle nut	SS 202/SS 304/SS 316/B7
3	Bonnet	CF8/CF8M/WCB/CF3/CF3M	11	Steam	SS 304/SS 316/SS304L/SS316L
4	Ball (Hollow / solid)	CF8/CF8M/CF3/CF3M	12	Handle	SS 202/SS 304/ SS 316/MS
5	Seat Ring	PTFE/GFT/CFT	13	Sleeve	PVC
6	Body Seal	PTFE/GFT/CFT/GRAY FOIL	14	Bolt	SS 202/SS 304/SS 316/B7
7	Steam Seal	PTFE/GFT/CFT/GRAY FOIL	15	Stopping Pin & Nut	SS 202/SS 304/SS 316/B7
8	Gland Packing	PTFE/GFT/CFT/GRAY FOIL			

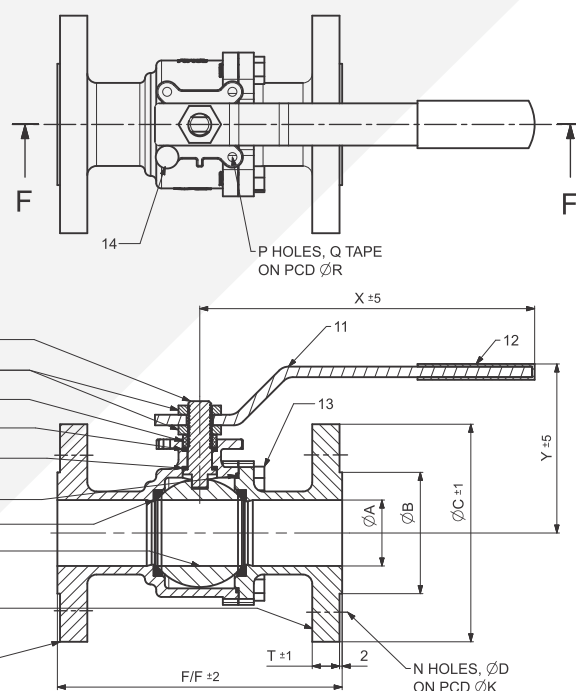
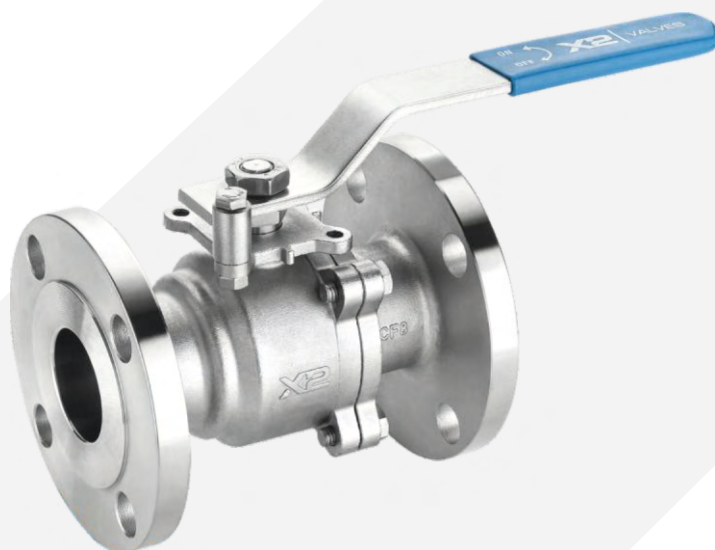
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	API 598/BS 6755
Face to Face	ASME B16.10
End Connection	ASME B16.5

2 Piece & 3 Piece 300# Flanged End Ball Valve



Available Options:

Bare stem, Actuator operated, Gear operated & Lever operated

Dimensions (300#)

Size	Ø A	F/F	ØB	ØC	N	ØD	ØK	T	X	Y	P	Q	ØR	ISO 5211
15mm	12.7	140	35.1	95.5	4	16	67	13	150	65	4	M5	36	F03
20mm	19	152	42.9	115	4	19.1	82.6	14	190	75	4	M5	36	F03
25mm	25	165	50.8	124	4	19.4	88.9	15.5	200	85	4	M5	42	F04
32mm	32	178	63.5	135	4	19.1	98.4	17.5	200	100	4	M6	50	F05
40mm	38	190	73	155	4	22.4	114.3	19.1	235	105	4	M8	70	F07
50mm	50	216	92	165	8	19.1	127	20.7	270	115	4	M8	70	F07
65mm	64	241	104.6	190	8	22.2	149.2	23.9	285	135	4	M8	70	F07
80mm	76	282	127	210	8	22.2	168.3	27	305	150	4	M8	70	F07
100mm	100	305	157.2	255	8	22.2	200	30.2	390	185	4	M10	102	F10
150mm	150	403	215.9	320	12	22.2	269.9	35	430	240	4	M12	125	F12

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	8	Gland	SS 304/SS 316/SS 304L/SS316L
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	9	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
3	Solid Ball	CF8/CF8M/CF3/CF3M	10	Stem	SS 304/SS 316/SS 304L/SS316L
4	Seat Ring	PTFE/GFT / CFT	11	Handle	SS 202/SS 304/SS 316/MS
5	Body Seal	PTFE/GFT/CFT/GRAY FOIL	12	Sleeve	PVC
6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL	13	Bolt	SS 202/SS 304/SS 316/B7
7	Gland Seal	PTFE/GFT/CFT/GRAY FOIL	14	Stopping Pin	SS 202/SS 304/SS 316/B7

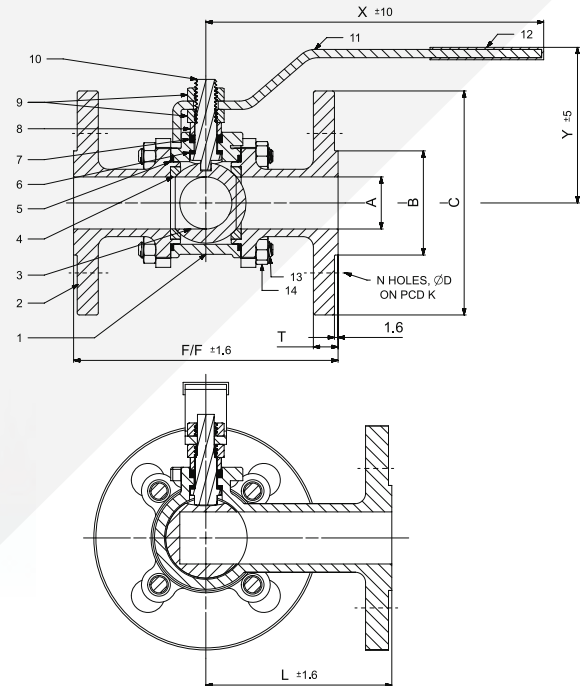
Class 300

Test Type	Kg/cm ²	PSIG
Hydro Body	80	1140
Hydro Seat	56	815
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	API 598/BS 6755
Face to Face	ASME B16.10
End Connection	ASME B16.5

3 Way Flanged End Ball Valve



Available Options:

L - Port & T - Port

Bare stem, Actuator operated, Gear operated & Lever operated

Dimensions (150#)

Size	Ø A	F/F	L	Ø B	Ø C	N	Ø D	K	T	X	Y
15mm	13	108	73	35	88.9	4	16	60.3	11.11	120	60
20mm	19	127	85	42.9	98.4	4	16	69.9	11.11	140	75
25mm	25	155	90	50.8	108	4	16	79.4	12.7	202	84
32mm	32	155	95	63.5	117.5	4	16	88.9	14.28	202	88
40mm	38	165	100	73	127	4	16	98.4	15.87	232	90
50mm	50	229	127	92.1	152.4	4	19	120.7	17.64	233	110
65mm	63	240	140	104.8	177.8	4	19	139.7	19.05	300	165
80mm	76	267	150	127	190.5	4	19	152.4	22.22	300	190
100mm	100	317	178	157.2	228.6	8	19	190.5	22.22	386	210
125mm	125	343	195	185.7	254	8	22	215.9	22.22	430	220
150mm	150	399	205	215.9	279.4	8	22	241.3	23.81	470	220

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	8	Gland	SS 304/SS 316/SS 304L/SS 3016L
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	9	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
3	Ball	CF8/CF8M/CF3/CF3M	10	Stem	SS 304/SS 3016/SS 304L/SS 316L
4	Seat Ring	PTFE/GFT/CFT	11	Handle	SS 202/SS 304/SS 316/MS
5	Body Seal	PTFE/GFT/CFT/GRAY FOIL	12	Sleeve	PVC
6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL	13	Stud	SS 202/SS 304/SS 316/B7
7	Gland Seal	PTFE/GFT/CFT/GRAY FOIL	14	Nut	SS 202/SS 304/SS 316/B7

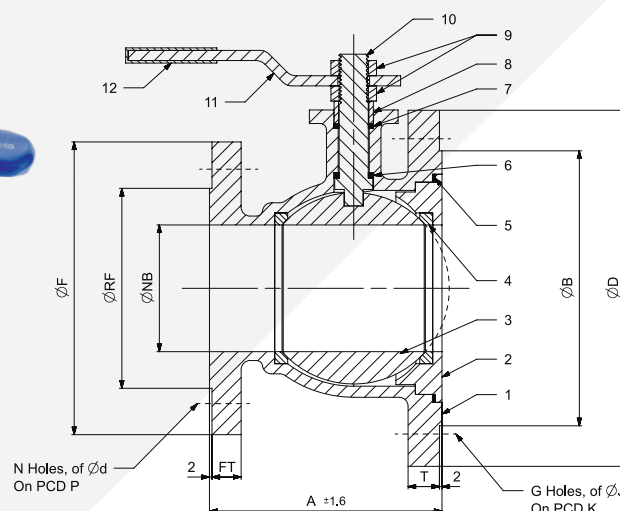
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351
Testing & Inspection	API 598
Face to Face	MANUFACTURER
End Connection	ASME B16.5

Flush Bottom Ball Valve



Dimensions (150#)

Size	Ø NB	A	Ø F	FT	Ø RF	P	Ø d	N	Ø D	T	Ø B	K	Ø J	G
25x40	25	100	110	9.6	51	79.4	16	4	127	12.7	73	98.5	16	4
40x40	25	100	127	12.7	73	98.5	16	4	127	12.7	73	98.5	16	4
40x50	38	105	127	12.7	73	98.5	16	4	152.4	14	92	120	19	4
50x50	38	105	152.4	14	92	120	19	4	152.4	14	92	120	19	4
50x80	50	120	152.4	14	92	120	19	4	190.5	16	127	152	19	4
65x80	64	122	180	16	105	140	19	4	190.5	17.5	127	152	19	4
80x80	64	122	190.5	17.5	127	152	19	4	190.5	17.5	127	152	19	4
80x100	75	140	190.5	17.5	127	152	19	4	230	22	157	190.5	19	8
100x100	75	140	230	22	157	190.5	19	8	230	22	157	190.5	19	8
100x150	100	180	230	22	157	190.5	19	8	279	23	216	241.3	22	8
150x150	100	180	279	23	216	241.3	22	8	279	23	216	241.3	22	8
150x200	150	260	279	23	216	241.3	22	8	345	25	269.9	298.5	22	8
200x200	150	260	345	25	269.9	298.5	22	8	345	25	269.9	298.5	22	8

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	7	Gland	SS 304/SS 316/SS 304L/SS 3016L
2	Insert	CF8/CF8M/WCB/CF3/CF3M	8	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
3	Ball	CF8/CF8M/CF3/CF3M	9	Stem	SS 304/SS 3016/SS 304L/SS 316L
4	Seat Ring	PTFE/GFT/CFT	10	Handle	SS 202/SS 304/SS 316/MS
5	Body Seal	PTFE/GFT/CFT	11	Sleeve	PVC
6	Stem Seal	PTFE/GFT/CFT			

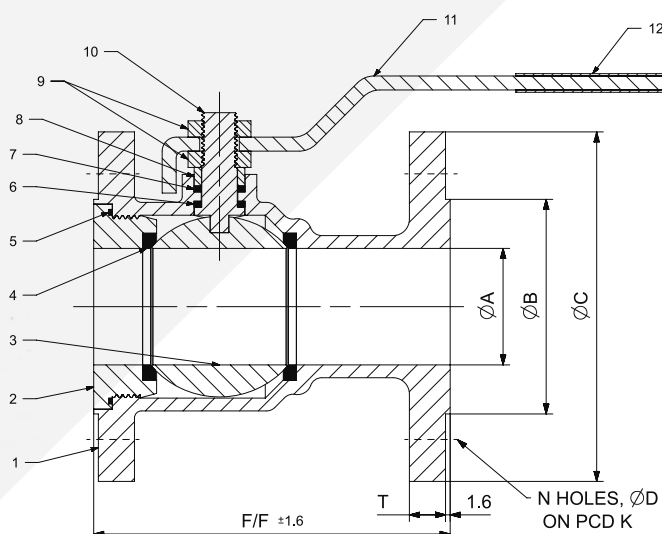
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351
Testing & Inspection	API 598
Face to Face	MANUFACTURER
End Connection	ASME B16.5

Single Piece Flanged Ball Valve



Dimensions (150#)

Size	Ø A	F/F	Ø B	Ø C	N	Ø D	K	T
25mm	25	127	51	108	4	16	79.2	9.6
40mm	38	165	73	127	4	16	98.5	12.7
50mm	50	178	92	152.4	4	19	120.6	14.5
65mm	50	190	105	178	4	19	139.7	15.9
80mm	64	203	127	190.5	4	19	152.4	17.5
100mm	75	229	157	228.6	8	19	190.5	22.3

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	7	Gland	SS 304/SS 316/SS 304L/SS 3016L
2	Insert	CF8/CF8M/WCB/CF3/CF3M	8	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
3	Ball	CF8/CF8M/CF3/CF3M	9	Stem	SS 304/SS 3016/SS 304L/SS 316L
4	Seat Ring	PTFE/GFT/CFT	10	Handle	SS 202/SS 304/SS 316/MS
5	Body Seal	PTFE/GFT/CFT	11	Sleeve	PVC
6	Stem Seal	PTFE/GFT/CFT			

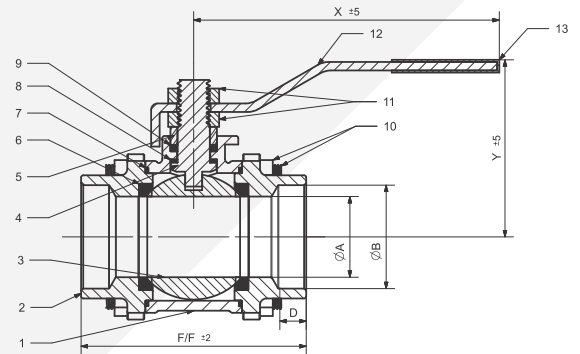
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

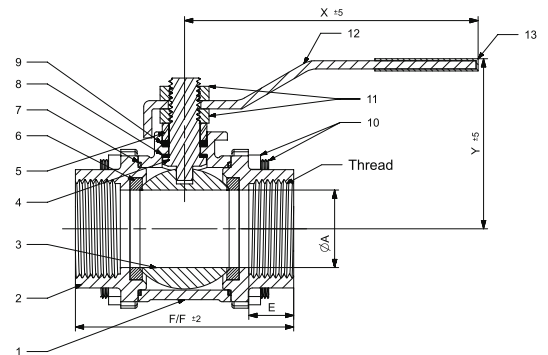
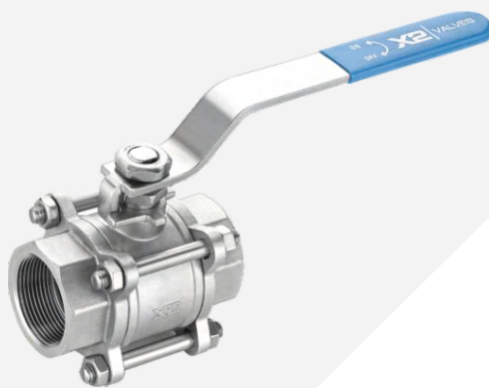
Technical Data

Design & Mfg Std	BS 5351
Testing & Inspection	API 598
Face to Face	MANUFACTURER
End Connection	ASME B16.5

3 Piece Socket Weld End Ball Valve



3 Piece Screwed End Ball Valve



Dimensions (150#)

Size	ØA	ØB	Thread	D	E	F/F	X	Y
15mm	12.5	21.7	1/2" (BSP/NPT)	10.5	16	66	128	60
20mm	19	27.1	3/4" (BSP/NPT)	13.5	18	75	165	66
25mm	25	33.9	1" (BSP/NPT)	13.5	22	88	175	78
32mm	32	42.5	1-1/4" (BSP/NPT)	24	24	102	175	91
40mm	38	48.7	1-1/2" (BSP/NPT)	13.5	22	106	205	95
50mm	49	61	2" (BSP/NPT)	16	23.5	118	230	108
65mm	62	73.4	2-1/2" (BSP/NPT)	25	25	140	258	128

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	8	Stem Seal	PTFE/GFT/CFT/GRAY FOIL
2	Tail Piece	CF8/CF8M/WCB/CF3/CF3M	9	Gland Seal	PTFE/GFT/CFT/GRAY FOIL
3	Ball (Hollow / Solid)	CF8/CF8M/CF3/CF3M	10	Stud & Nut	SS 202/SS 304/SS 316/B7
4	Stem	SS 304/SS 316/SS 304L/SS 316L	11	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
5	Gland	SS 304/SS 316/SS 304L/SS 316L	12	Handle	SS 202/SS 304/SS 316/MS
6	Seat Ring	PTFE/GFT/CFT	13	Sleeve	PVC
7	Body Seal	PTFE/GFT/CFT/GRAY FOIL			

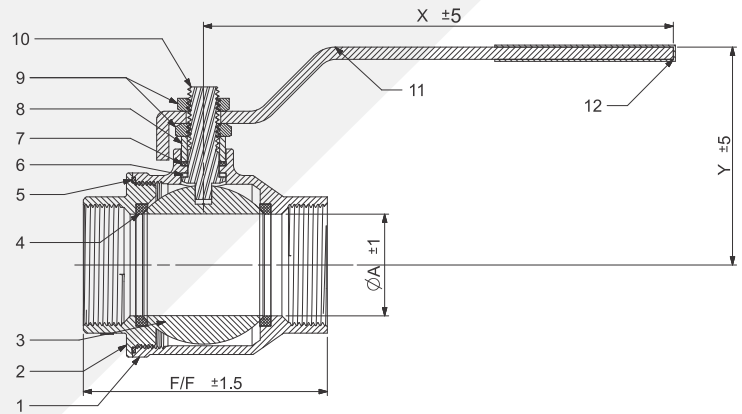
Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

Design & Mfg Std	BS 5351/ISO 17292
Testing & Inspection	API 598/BS 6755
End Connection	ASME B16.11

1 Piece Screwed End Ball Valve



Dimensions (150#)

Size	ØA	Thread	F/F	X	Y
8mm	8.5	1/4" (BSP/NPT)	56.5	100	45
10mm	10	3/8" (BSP/NPT)	56.5	100	45
15mm	12.5	1/2" (BSP/NPT)	62	110	49
20mm	19	3/4" (BSP/NPT)	73.5	130	55
25mm	25	1" (BSP/NPT)	82.5	130	64
32mm	32	1-1/4" (BSP/NPT)	95	160	85
40mm	38	1-1/2" (BSP/NPT)	105.5	205	93.5
50mm	50	2" (BSP/NPT)	120.5	205	103
65mm	62	2-1/2" (BSP/NPT)	140.5	265	118
80mm	74	3" (BSP/NPT)	158.5	275	134
100mm	100	4" (BSP/NPT)	178.5	305	153

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M	7	Gland Seal	PTFE/GFT/CFT/GRAY FOIL
2	Nut	CF8/CF8M/WCB/CF3/CF3M	8	Gland	SS 304/SS 316/SS 304L/SS 316L
3	Ball (Hollow / solid)	CF8/CF8M/CF3/CF3M	9	Gland Nut & Handle Nut	SS 202/SS 304/SS 316/B7
4	Seat Ring	PTFE/GFT/CFT	10	Stem	SS 304/SS 316/SS 304L/SS 316L
5	Body Seal	PTFE/GFT/CFT	11	Handle	SS 202/SS 304/SS 316/MS
6	Stem Seal	PTFE/GFT/CFT/GRAY FOIL	12	Sleeve	PVC

Class 150

Test Type	Kg/cm ²	PSIG
Hydro Body	32	430
Hydro Seat	22	315
Air / Pneumatic	7	80

Technical Data

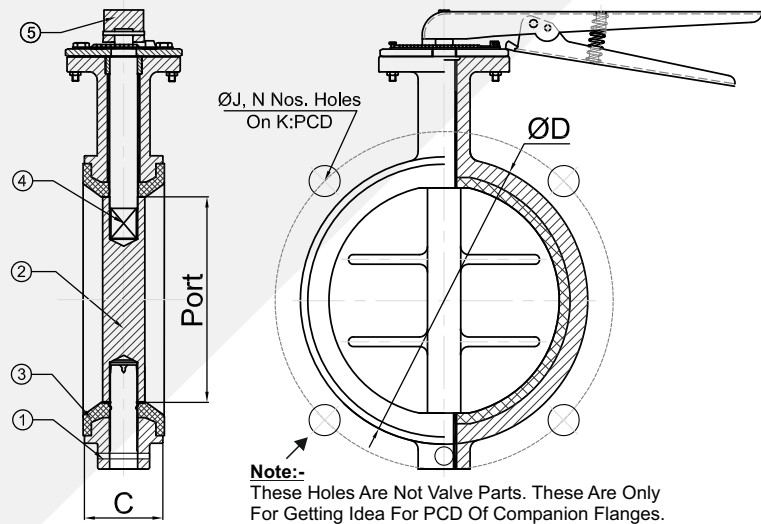
Design & Mfg Std	BS 5351/API 6D/ASME B16.34
Testing & Inspection	API 598/BS 6755
Face to Face	Manufacturing Std.
End Connection	Screwed End (BSP/NPT)

Butterfly Valve Lever Operated

X2 CDBFV model Butterfly valve incorporates the optimum design features to provide long trouble free service in the field. This general purpose soft seated Butterfly valve has a fully rubber lined single piece body with a centric disc construction and is available in wafer type body pattern.

The body liner which also functions as the soft seat, comes in either a replaceable version or an integrally moulded (bonded) version and offers -100 % bi-directional sealing against full vacuum to rated pressures of PN10 or PN16.

The wafer style body has universal design to fit between pipe flanges of almost all popular flange standards.



KEY FEATURES :

- Self lubricated PTFE bearings for both drive end and non-drive end shaft ensures minimum bearing friction torque.
- Seat liner extending on to the flange contact faces, eliminates the need for separate flange gaskets during installation.
- Bi-directional valve with tight shut-off sealing capability to hold vacuum to rated pressure in either direction
- Suitability for ON/OFF as well as throttling duties.
- Choice of seat and disc materials to suit media conditions and service requirements.
- Excellent adaptability for actuated operation through standardized top flange mounting dimensions for actuator fitment.

Dimensions PN10 / PN16

Size	PORT	C	Ø D	Ø J	N	PCD
40mm	40	34	80	15.9	4	98.4
50mm	50	44	95	19.05	4	120.7
65mm	65	46	108	19.05	4	139.7
80mm	80	46	124	19.05	4	152.4
100mm	100	52	150	19.05	8	190.5
150mm	150	56	205	22.2	8	241.3
200mm	200	60	258.5	22.2	8	298.5

Material Specifications

No.	Description	Material
1	Body	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M
2	Disc	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M
3	Seat	EPDM / Nitrile / Neoprene / Viton / Silicon
4	Shaft	SS 304 / SS 316 / SS 410
5	Handle	STANDARD

Technical Data

Design Standard	API 609 / IS 13095 / EN 593	Testing Standard	API 598 / IS 13095 / EN 12266-1/2
Pressure Rating	PN10 / PN16	Flange Standard	ASME B16.5 (#150) / ISO 7005 (PN10/PN16)
Face to Face Standard	API 609 / IS 13095 / EN 558	Top Flange Standard	ISO 5211

PN 10 Pressure Rating

Test Pressure (Hydro) : Shell : 15Bar (220 psig)

Seat : 11 Bar (160 psig)

Pneumatic : 7 Bar (80 PSIG)

PN 16 Pressure Rating

Test Pressure (Hydro) : Shell : 24Bar (340 psig)

Seat : 16 Bar (230 psig)

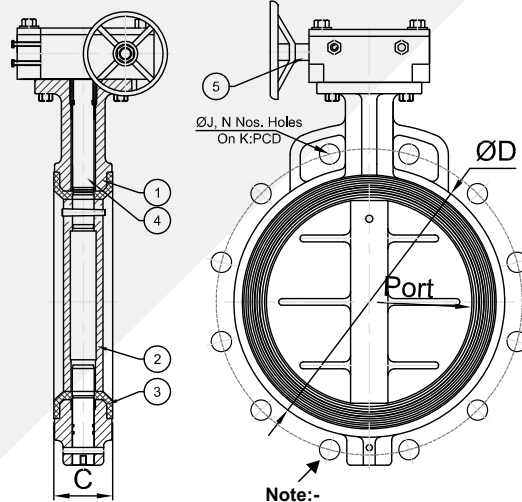
Pneumatic : 7 Bar (80 PSIG)

Butterfly Valve Gear Operated

X2 CDBFV model Butterfly valve incorporates the optimum design features to provide long trouble free service in the field. This general purpose soft seated Butterfly valve has a fully rubber lined single piece body with a centric disc construction and is available in wafer type body pattern.

The body liner which also functions as the soft seat, comes in either a replaceable version or an integrally moulded (bonded) version and offers -100 % bi-directional sealing against full vacuum to rated pressures of PN10 or PN16.

The wafer style body has universal design to fit between pipe flanges of almost all popular flange standards.



Note:-
These Holes Are Not Valve Parts. These Are Only For Getting Idea For PCD Of Companion Flanges.

KEY FEATURES :

- Self lubricated PTFE bearings for both drive end and non-drive end shaft ensures minimum bearing friction torque.
- Seat liner extending on to the flange contact faces, eliminates the need for separate flange gaskets during installation.
- Bi-directional valve with tight shut-off sealing capability to hold vacuum to rated pressure in either direction
- Suitability for ON/OFF as well as throttling duties.
- Choice of seat and disc materials to suit media conditions and service requirements.
- Excellent adaptability for actuated operation through standardized top flange mounting dimensions for actuator fitment.

Dimensions PN10 / PN16

Size	PORT	C	Ø D	Ø J	N	PCD
250mm	241	68	316	25.4	12	362
300mm	286	78	365	25.4	12	431.8
350mm	339	88	428	28.6	12	476.3
400mm	382	102	488	28.6	16	539.8
450mm	433	114	540	31.75	16	577.9
500mm	476	127	600	31.75	20	635
600mm	590	154	700	34.9	20	749.3

Material Specifications

No.	Description	Material
1	Body	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M
2	Disc	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M
3	Seat	EPDM / Nitrile / Neoprene / Viton / Silicon
4	Shaft	SS 304 / SS 316 / SS 410
5	Gear Box	STANDARD

Technical Data

Design Standard	API 609 / IS 13095 / EN 593	Testing Standard	API 598 / IS 13095 / EN 12266-1/2
Pressure Rating	PN10 / PN16	Flange Standard	ASME B16.5 (#150) / ISO 7005 (PN10/PN16)
Face to Face Standard	API 609 / IS 13095 / EN 558	Top Flange Standard	ISO 5211

PN 10 Pressure Rating

Test Pressure (Hydro) : Shell : 15Bar (220 psig)

Seat : 11 Bar (160 psig)

Pneumatic : 7 Bar (80 PSIG)

PN 16 Pressure Rating

Test Pressure (Hydro) : Shell : 24Bar (340 psig)

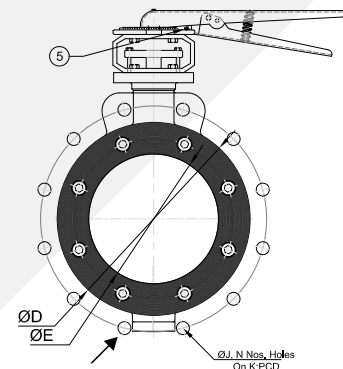
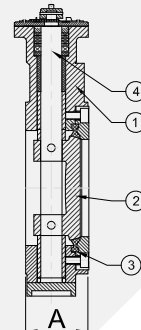
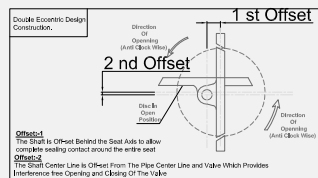
Seat : 16 Bar (230 psig)

Pneumatic : 7 Bar (80 PSIG)

High Performance Double Offset Butterfly Valve Lever Operated

X2 HPDOBFV are available in Wafer and Lug type designs conforming to API 609 standard. The Disc construction is Double Offset providing excellent controllability, bubble tight shut off, greater seat life and smooth operation. Valves are specially designed for applications in Chemical, Petroleum, Hydro Carbons Processing, Pulp & Paper and HVAC industries.

Well supported shaft with heavy duty bearings ensure perfect alignment of seat and disc for smooth and trouble free operations. Valves have been rigorously tested to ensure industry performance requirements.



Note:-
These Holes Are Not Valve Parts. These Are Only For Getting Idea For PCD Of Companion Flanges.

KEY FEATURES :

- Valve body is solid, heavy duty. Seat Retainer construction allows Gasket conforming to API 609.
- Optimal disc geometry and cavity free flow passage offers minimum flow resistance and high Cv values.
- Heavy-duty pins connecting valve shaft to disc avoids lost motion under high torque conditions.
- Long life, easy field replaceable seat placed in body, away from flow steam, provides bubble tight shut off. Valves are equally suitable for control and tight shut off applications.
- Low friction bearings provide maximum radial support for higher shaft loads. The PTFE bearings having low co-efficient of friction minimizes operating torque and reduces actuator size. They are slip in-place type, easy for assembly and disassembly.
- Seat option includes PTFE, EPDM, Viton Soft Seats and Flexible Metal Seats to suit variety of fluids and applications.
- Recommended for critical applications including high temperature services, throttling steam control, liquor services, gas applications, vacuum applications, corrosive fluids, refinery services, chemical services, hydrocarbon services, etc.

Dimensions PN10 / PN16

Size	A	ØE	Ø D	Ø J	N	PCD
40mm	42	40	82	19.05	4	98.4
50mm	45	50	95	19.05	4	120.7
65mm	48	61	108	19.05	4	139.7
80mm	48	72	127	19.05	4	152.4
100mm	54	100	159	19.05	8	190.5
125mm	57	123	187	22.2	8	215.9
150mm	57	143	216	22.2	8	241.3

Material Specifications

No.	Description	Material
1	Body	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M
2	Disc	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M
3	Seat	EPDM / Nitrile / Neoprene / Viton / Silicon
4	Shaft	SS 304 / SS 316 / SS 410
5	Handle	STANDARD

Technical Data

Design Standard	API 609 / IS 13095 / EN 593	Testing Standard	API 598 / IS 13095 / EN 12266-1/2
Pressure Rating	PN10 / PN16	Flange Standard	ASME B16.5 (#150) / ISO 7005 (PN10/PN16)
Face to Face Standard	API 609 / IS 13095 / EN 558	Top Flange Standard	ISO 5211

PN 10 Pressure Rating

Test Pressure (Hydro) : Shell : 15Bar (220 psig)

Seat : 11 Bar (160 psig)

Pneumatic : 7 Bar (80 PSIG)

PN 16 Pressure Rating

Test Pressure (Hydro) : Shell : 24Bar (340 psig)

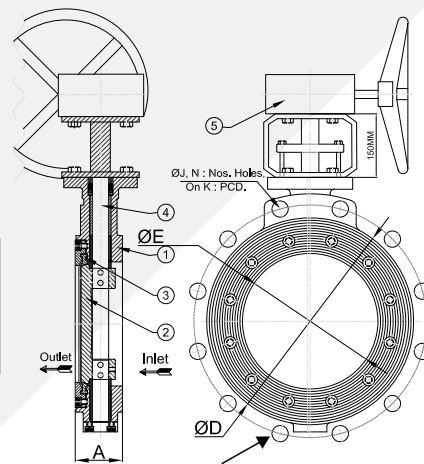
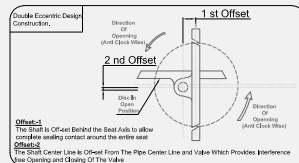
Seat : 16 Bar (230 psig)

Pneumatic : 7 Bar (80 PSIG)

High Performance Double Offset Butterfly Valve Gear Operated

X2 HPDOBFV are available in Wafer and Lug type designs conforming to API 609 standard. The Disc construction is Double Offset providing excellent controllability, bubble tight shut off, greater seat life and smooth operation. Valves are specially designed for applications in Chemical, Petroleum, Hydro Carbons Processing, Pulp & Paper and HVAC industries.

Well supported shaft with heavy duty bearings ensure perfect alignment of seat and disc for smooth and trouble free operations. Valves have been rigorously tested to ensure industry performance requirements.



Note:-
These Holes Are Not Valve Parts. These Are Only For Getting Idea For PCD Of Companion Flanges.

KEY FEATURES :

- Valve body is solid, heavy duty. Seat Retainer construction allows Gasket conforming to API 609.
- Optimal disc geometry and cavity free flow passage offers minimum flow resistance and high Cv values.
- Heavy-duty pins connecting valve shaft to disc avoids lost motion under high torque conditions.
- Long life, easy field replaceable seat placed in body, away from flow steam, provides bubble tight shut off. Valves are equally suitable for control and tight shut off applications.
- Low friction bearings provide maximum radial support for higher shaft loads. The PTFE bearings having low co-efficient of friction minimizes operating torque and reduces actuator size. They are slip in-place type, easy for assembly and disassembly.
- Seat option includes PTFE, EPDM, Viton Soft Seats and Flexible Metal Seats to suit variety of fluids and applications.
- Recommended for critical applications including high temperature services, throttling steam control, liquor services, gas applications, vacuum applications, corrosive fluids, refinery services, chemical services, hydrocarbon services, etc.

Dimensions PN10 / PN16

Size	A	ØE	Ø D	Ø J	N	PCD
200mm	64	192	270	25.4	12	298.5
250mm	72	239	322	25.4	12	362
300mm	82	290	382	25.4	12	431.8
350mm	92	335	436	28.6	12	476.3
400mm	102	387	495	28.6	16	539.8
450mm	114	425	540	32	16	577.9
500mm	127	475	595	32	20	635
600mm	154	560	705	35	20	749.3

Material Specifications

No.	Description	Material	No.	Description	Material
1	Body	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M	4	Shaft	SS 304 / SS 316 / SS 410
2	Disc	Cast Iron / Ductile Iron / SG Iron / CF8 / CF8M	5	Gear Box	STANDARD
3	Seat	EPDM / Nitrile / Neoprene / Viton / Silicon			

Technical Data

Design Standard	API 609 / IS 13095 / EN 593	Testing Standard	API 598 / IS 13095 / EN 12266-1/2
Pressure Rating	PN10 / PN16	Flange Standard	ASME B16.5 (#150) / ISO 7005 (PN10/PN16)
Face to Face Standard	API 609 / IS 13095 / EN 558	Top Flange Standard	ISO 5211

PN 10 Pressure Rating

Test Pressure (Hydro) : Shell : 15Bar (220 psig)

Seat : 11 Bar (160 psig)

Pneumatic : 7 Bar (80 PSIG)

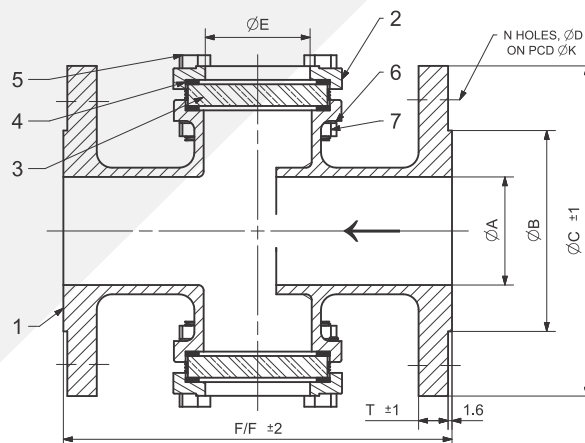
PN 16 Pressure Rating

Test Pressure (Hydro) : Shell : 24Bar (340 psig)

Seat : 16 Bar (230 psig)

Pneumatic : 7 Bar (80 PSIG)

Double Window Sight Flow Indicator



Dimensions (150#)

Size	Ø A	F/F	ØB	ØC	ØE	N	ØD	ØK	T
15mm	12.5	108	34.5	89	32	4	16	60.3	9
20mm	18.6	117.5	42.9	100	32	4	16	69.9	9.4
25mm	24	127	51	106.5	43	4	16	79.3	9.25
40mm	38	165	75	126	50	4	16	98.6	11.2
50mm	49.5	178	92	151.2	50	4	19.1	120.7	13.5
65mm	63	190	104.8	180	74	4	19.1	139.7	15.9
80mm	76	203	125.5	191	86	4	19.1	152.4	16.4
100mm	100.5	228	157	229	100.5	8	22.7	190.5	22.1
150mm	150	267	215.9	280	125	8	22.2	241.3	23.9

Technical Specification (Material Data Sheet)

SR. No.	PART NAME	MATERIAL
1	BODY	CF8/CF8M/WCB/CF3/CF3M
2	COVER	CF8/CF8M/WCB/CF3/CF3M
3	GLASS	TOUGHENED FINE POLISHED
4	PACKING	PTFE/GFT/CFT
5	BOLT	SS 202/SS 304/SS 316/B7
6	SPRING WASHER	SS 202/SS 304/SS 316/B7
7	NUT	SS 202/SS 304/SS 316/B7

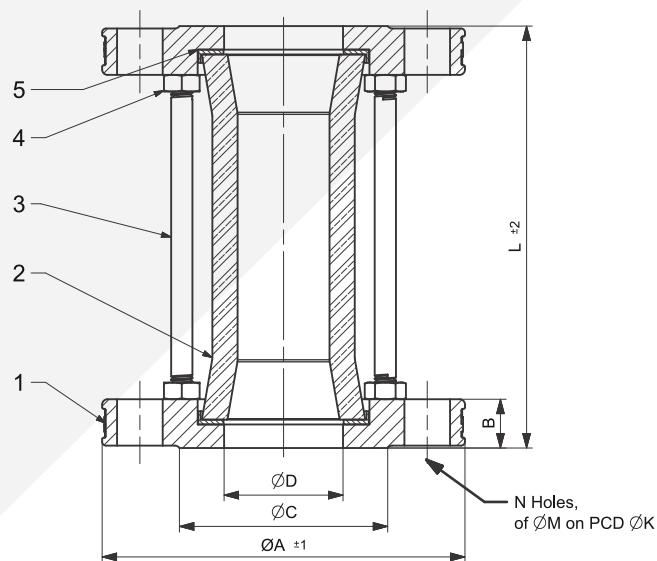
Class 150

Test Type	Kg/cm ²
Hydro Body	15

Technical Data

Design & Mfg Std	BS 5351/ASME B16.34/ISO 17292
Testing & Inspection	BS 5156/ISO 5208
Face to Face	ASME B16.10/ Manufacturing Standards
End Connection	ASME B16.5/Manufacturing Standard

Full View Sight Flow Indicator



Dimensions (150#)

Size		ØA	B	ØC	ØD	L	ØM	N	ØK
IN.	MM								
1"	25	107.25	16	50	25	168	16	4	79.5
1 1/2"	40	126	19	71	39.5	175	16	4	98
2"	50	151	20.3	85	49.5	175	19	4	119.8
2 1/2"	65	178	17	104	63	171	19	4	139.5
3"	80	190.3	20	126	76	173	19	4	152
4"	100	226	21	151	98	176	19.5	4	189.3
6"	150	279.5	23.5	214	152.8	179	22.5	8	249.8

Technical Specification (Material Data Sheet)

SR. No.	PART NAME	MATERIAL
1	FLANGE	CF8/CF8M/WCB/CF3/CF3M
2	GLASS TUBE (152MM)	BOROSILICATE
3	STUD	SS 202/SS 304/SS 316/B7
4	NUT	SS 202/SS 304/SS 316/B7
5	GLASS PACKING	PTFE/T-BUSH PTFE

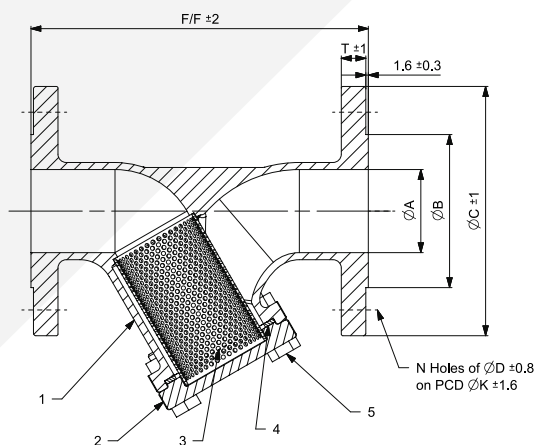
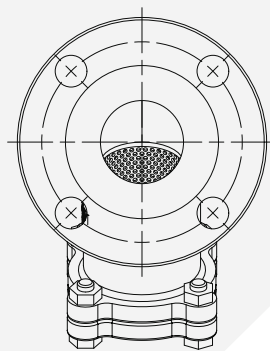
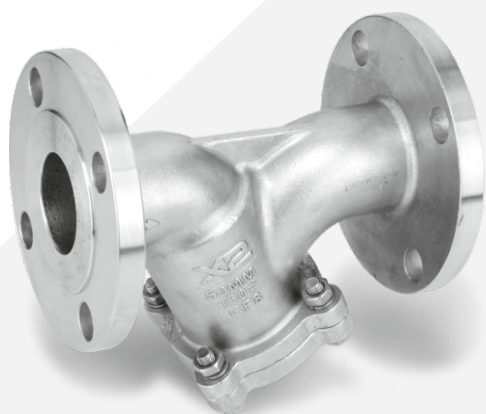
Hydro Test

Size	Kg/cm ²
Up to 50mm	7
65mm to 150mm	3

Technical Data

Design & Mfg Std	BS 5351
Testing & Inspection	BS 5156/ISO 5208
Face to Face	ASME B16.10/ Manufacturing Standards
End Connection	ASME B16.5/Manufacturing Standard

Y Type Strainer



Dimensions (150#)

Size	Ø A	F/F	ØB	ØC	N	ØD	ØK	T
15mm	12.5	108	34.9	90	4	15.9	60.3	8.1
20mm	19	117	42.9	100	4	15.9	69.9	9
25mm	25	127	50.8	110	4	15.9	79.4	9.6
40mm	38	165	73	125	4	15.9	98.4	12.7
50mm	50	203	92.1	150	4	19.1	120.7	14.5
65mm	63	216	104.8	180	4	19.1	139.7	15.9
80mm	75	241	127	190	4	19.1	152.4	17.5
100mm	100	292	157	230	8	19.1	190.5	22.3
150mm	148	406	215.9	280	8	22.2	241.3	24
200mm	200	495	270	343	8	22.2	298.5	27

Technical Specification (Material Data Sheet)

No.	Description	Material
1	Body	CF8/CF8M/CF3/CF3M/WCB
2	Cover	CF8/CF8M/CF3/CF3M/WCB
3	Mesh	SS304/SS316
4	Gasket	Graphite(spiral wound with graphite filler)
5	Bolt/Nut	SS202/ SS304 /SS316

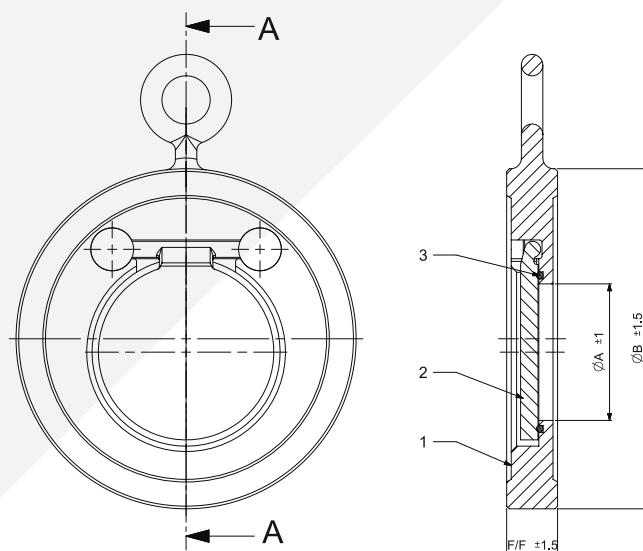
Class 150

Test Type	Kg/cm ²	PSIG
Hydro. Shell	32	430
Air/Pneumatic	7	80

Technical Data

Design & Manufacturing	Manufacturers Std.
Testing	Manufacturers Std.
Face to Face	Manufacturers Std.
Flange Drilling	ASME B16.5 150#

Wafer Type Swing Check Valve



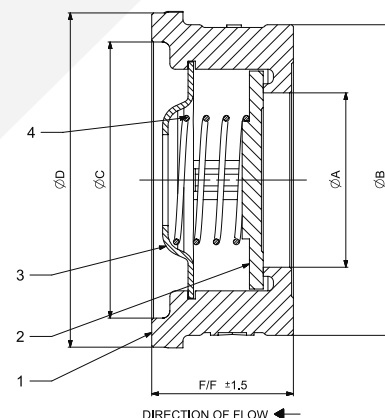
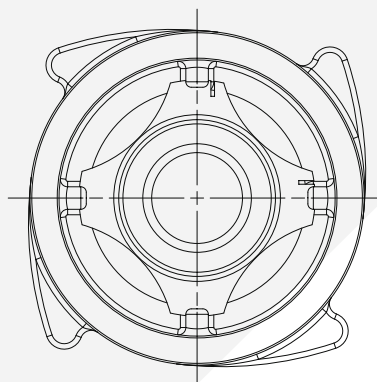
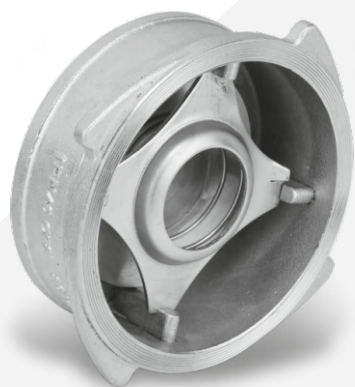
Dimensions			
Size	Ø A	ØB	F/F
25mm	14	64	16
40mm	21	81	19
50mm	29	96	19
65mm	40	110	19
80mm	51	127	19
100mm	69	153	19
125mm	93	180	19
150mm	115	213	19

Technical Specification (Material Data Sheet)		
No.	Description	Material
1	Body	CF8/CF8M/WCB/CF3/CF3M
2	Disc	CF8/CF8M/CF3/CF3M
3	Seat	PTFE/NBR(Nitrile)/Silicon

Class 150		
Test Type	Kg/cm ²	PSIG
Hydro. Shell	32	430
Air/Pneumatic	7	80

Technical Data	
Design & Mfg Std	API 6D/ASME B16.10
Testing & Inspection	API 598
Face to Face	ASME B16.10

Wafer Type Disc Check Valve



Dimensions

Size	$\varnothing A$	$\varnothing B$	$\varnothing C$	$\varnothing D$	F/F
15mm	14.5	37	30	43	16
20mm	19	43	37	53	19
25mm	25	54	43	63	22
40mm	40	79	67	85	31.5
50mm	48	85.5	76	92	40
65mm	63	106	98	112	46
80mm	79	124	114	131	50
100mm	100	147	138	154	60
150mm	149	205	191	214	106
200mm	198	262	250	278	140

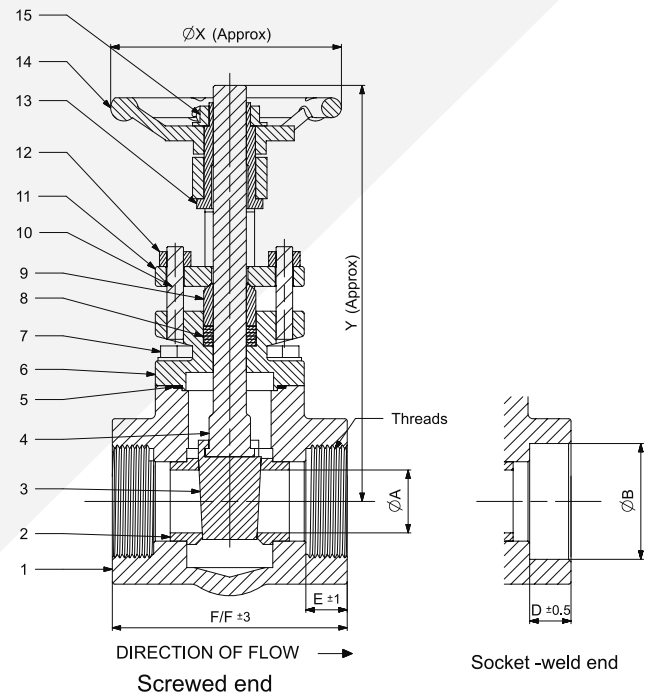
Technical Specification (Material Data Sheet)

No.	Description	Material
1	Body	CF8/CF8M/CF3/CF3M
2	Disc	SS304/SS316/SS304L/SS316L
3	Retainer	SS304/SS316
4	Spring	Spring steel

Technical Data

Manufacturing	BS EN 558
Testing	API 598
Face to Face	BS EN 558

Forged Gate Valve



Note-

Forged gate valves are also available 1500#, 2500# & with flange end connections 150#, 300#, 600#. Flange end connection as per ASME B16.5 and Face to face dimension as per ASME B16.10"

Dimensions (800#)

Size	Ø A	F/F	ØB	Threads	D	E	ØX	Y(O)	Y(C)
15mm	9.5	87	22	1/2" (BSP/NPT)	10	16	96	152	130
20mm	12.7	92	27.4	3/4" (BSP/NPT)	13	18	96	158	133
25mm	17.5	106	34	1" (BSP/NPT)	13	22	96	189	155
32mm	23.8	127	42.5	1-1/4" (BSP/NPT)	13	24	150	239	200
40mm	28.6	127	49	1-1/2" (BSP/NPT)	13	24	150	239	200
50mm	36.5	142	61.4	2" (BSP/NPT)	16	26	150	288	235

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	A105//F304/F316	8	Gland Packing	Flexible Graphite Rings
2	Seat Ring	SS410/F304/F316	9	Gland Bush	SS410/F304/F316
3	Wedge	CA15/SS 304/SS 316	10	Stud/Nut	B7/ 2H/SS 304/SS 316
4	Stem	SS410(Cr. 13%)/F304/F316	11	Gland Flange	A105/F304/F316
4	Gasket	Spiral Wounded with Graphite filler	12	Yoke Sleeve	BS970 : 1955 EN1A
6	Bonnet	A105/F304/F316	13	Hand Wheel	SG IRON
7	Hex Bolt	B7/SS 304/SS 316	14	Stem Nut	2H/SS 304

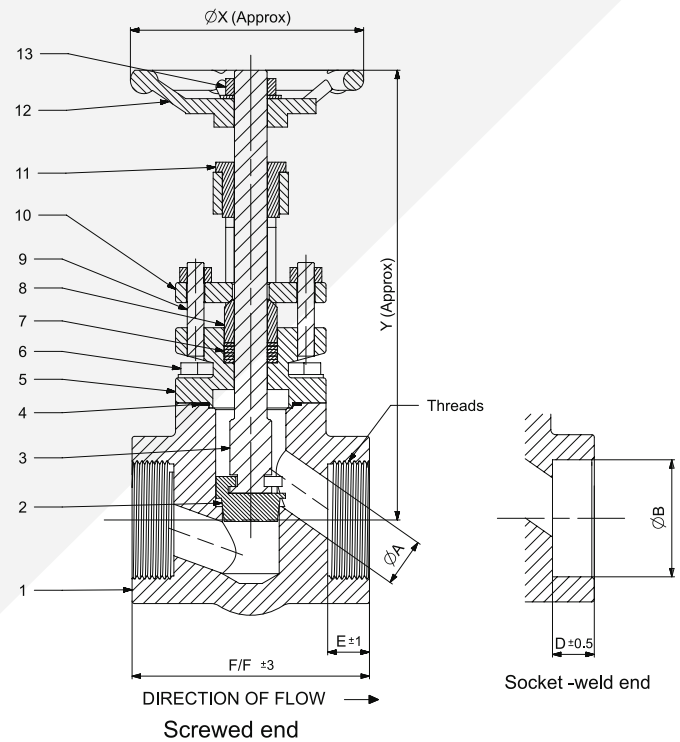
Class 800

Test Type	Kg/cm ²
Hydro Body	211
Hydro Seat	153
Air/Pneumatic	7

Technical Data

Design & Mfg Std	API 602
Testing & Inspection	API 598
Face to face	Manufacturers Std.

Forged Globe Valve



Note-

Forged globe valves are also available 1500#, 2500# & with flange end connections 150#, 300#, 600#. Flange end connection as per ASME B16.5 and Face to face dimension as per ASME B16.10"

Dimensions (800#)

Size	Ø A	F/F	ØB	Threads	D	E	ØX	Y(O)	Y(C)
15mm	9	87	22	1/2" (BSP/NPT)	10	16	96	153	147
20mm	12	92	27.4	3/4" (BSP/NPT)	13	18	96	158	149
25mm	17	106	34	1" (BSP/NPT)	13	22	96	194	182
32mm	23	127	42.5	1-1/4" (BSP/NPT)	13	24	150	222	208
40mm	25	127	49	1-1/2" (BSP/NPT)	13	24	150	222	208
50mm	29	142	61.4	2" (BSP/NPT)	16	26	150	263	245

Technical Specification (Material Data Sheet)

No.	Description	Material	No.	Description	Material
1	Body	A105//F304/F316	8	Gland Bush	SS410/F304/F316
2	Plug	CA15/SS 304/SS 316	9	Stud/Nut	B7/ 2H/SS 304/SS 316
3	Stem	SS410(Cr. 13%)/SS 304/SS 316	10	Gland Flange	A105/F304/F316
4	Gasket	Spiral Wounded with Graphite filler	11	Yoke Sleeve	BS970 : 1955 EN1A
4	Bonnet	A105/F304/F316	12	Hand Wheel	SG IRON
6	Hex Bolt	B7/SS 304/SS 316	13	Stem Nut	2H/SS 304
7	Gland Packing	Flexible Graphite Rings			

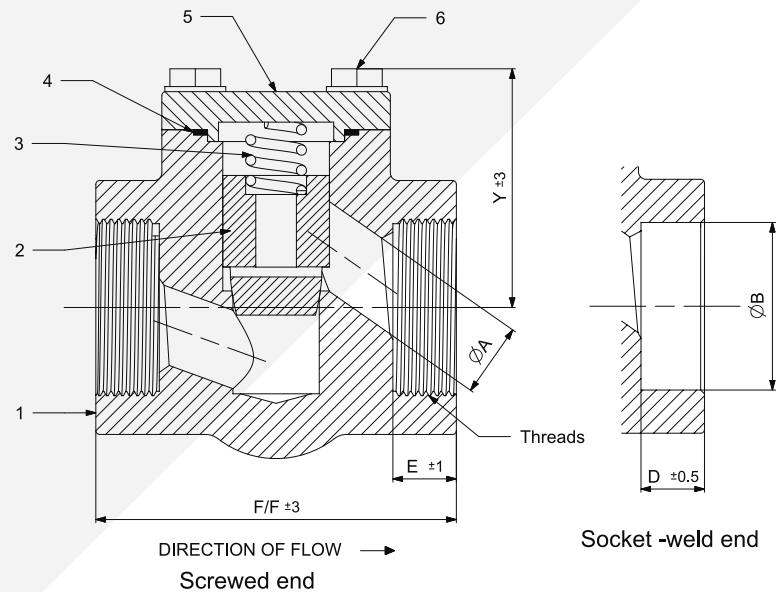
Class 800

Test Type	Kg/cm ²
Hydro Body	211
Hydro Seat	153
Air/Pneumatic	7

Technical Data

Design & Mfg Std	ISO 15761
Testing & Inspection	API 598
Face to face	Manufacturers Std.

Forged Check Valve



Dimensions (800#)

Size	Ø A	F/F	ØB	Threads	D	E	Y
15mm	9	87	22	1/2" (BSP/NPT)	10	16	53
20mm	12	92	27.4	3/4" (BSP/NPT)	13	18	56
25mm	17	106	34	1" (BSP/NPT)	13	22	66
32mm	23	127	42.5	1-1/4" (BSP/NPT)	13	24	86
40mm	25	127	49	1-1/2" (BSP/NPT)	13	24	86
50mm	29	142	61.4	2" (BSP/NPT)	16	26	104

Technical Specification (Material Data Sheet)

No.	Description	Material
1	Body	A105//F304/F316
2	Piston disc	CA15/SS 304/SS 316
3	Stem	SS410(Cr. 13%)/SS 304/SS 316
4	Spring	SS 304/SS 316
4	Gasket	Spiral Wounded with Graphite filler
6	Cover	A105/F304/F316
7	Hex Bolt	B7/SS 304/SS 316

Class 800

Test Type	Kg/cm ²
Hydro Body	211
Hydro Seat	153
Air/Pneumatic	7

Technical Data

Design & Mfg Std	ISO 15761
Testing & Inspection	API 598
Face to face	Manufacturers Std.

Note-

Forged globe valves are also available 1500#, 2500# & with flange end connections 150#, 300#, 600#. Flange end connection as per ASME B16.5 and Face to face dimension as per ASME B16.10"

CAPTAIN GROUP

CAPTAIN GROUP of Companies, with interests in irrigation technologies, solar energy, piping products, polymer trading, Investment Casting, Pressure Die Casting and Industrial Valve Manufacturing, is part of a \$70 Million with an excellent, smart, and experienced team. Captain Group has established an exporting network spanning over 30 countries across Europe, North America, Africa, and the Middle East. India's top industrial awards, such as the Indira Gandhi Priyadarshini Award, National Award for Quality, and Udhog Patra Award, mark significant milestones in the success of Captain Group.



Industrial Valve

X2 Valves Pvt. Ltd.

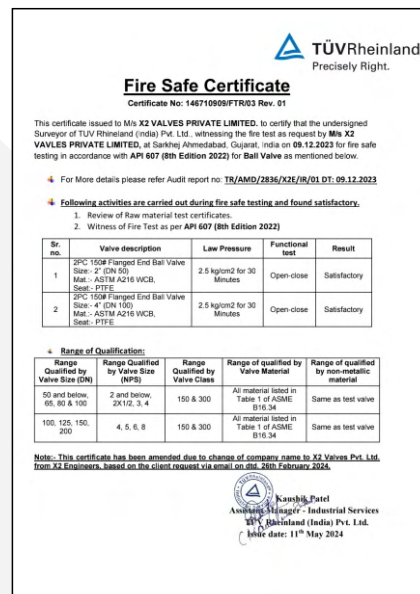


CERTIFICATE

ISO 9001-2015



Fire Safe certificate





- Ball Valve
- Centre Disc Butterfly Valve
- High Performance Double Offset Butterfly Valve
- Wafer Type Swing Check Valve
- Disc Check Valve (Non Slam)
- Double Window Sight Flow Indicator
- Full View Sight Flow Indicator
- Y-Type strainerForged Steel Ball Valve
- Forged Steel Globe Valve
- Forged Steel Gate Valve
- Forged Steel Lift Check Valve

X2 VALVES PVT. LTD.



Survey No.980/1, B/H Rangani Engineering,
Captain Gate, Shapar (Veraval), Dist. Rajkot -360024



info@x2valves.in

Gujarat Region



+91 87992 45553



marketing@x2valves.in

Out Of Gujarat Region



+91 90990 85413



sagar@x2valves.in

Mr. Anil Bhalu
(Managing Director)



+91 92653 39570



md@x2valves.in

BRANCH OFFICE:

X2 Valves Hyd LLP

4-4-121, Mahakali Street, Ranigunj, Secenderabad-500003



+91 81210 10775



Email: hyd@x2valves.in

