

FLÖWON
Engineers

ISO 9001-2015 Certified

FLOW ON ENGINEERS

PRODUCT CATALOGUE

MANUAL VALVES

INTRODUCTION

Founded in 2009, “**FLOW-ON**” is one of the most Trusted and Emerging Manufacturer, Supplier and Exporter of the Indian valve industry. As we are having rich industrial experience, we provide high quality and highly reliable product range of valves. With the inimitable blend of experience and expertise we provide robust solutions which are flexible, highly efficient and cost effective and meet all the industrial requirements. With the mission to satisfactorily accommodate various Industry valve requirements we provide our valves with special features such as easy maintenance, Easy installation and negligible wear and tear.

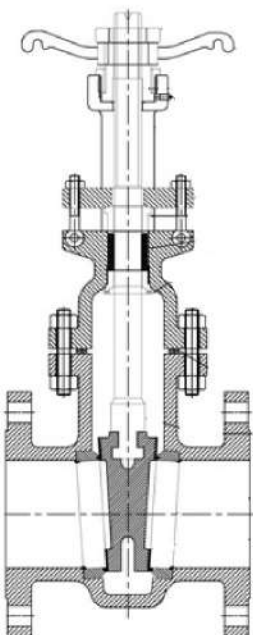
We believe that “**Quality is our responsibility.**” With our rich industry experience we provide finest and best quality products in the valve industry. Whenever we talk about quality customers see quality of the final product. However our quality management system monitors every process steps and then has its quality test. As we are **ISO 9001:2015** certified so you can rely upon our products that they are inherently safe and reliable. We have created a cultural practice of quality that every employee makes it a habit to deliver best quality product.

Now “**FLOW-ON**” has become a synonym for high quality Valves which are available in both high/low pressures and work in both high/low temperatures and also suitable for highly corrosive fluids. We are Exporter & Supplier of **Gate Valves, Globe Valves, Non-Return Valves, Ball Valves, Butterfly Valves, Strainers, Forged Steel Gate- Globe- Ball- Check Valves, Pneumatic Actuated Ball Valves- Butterfly valves, Pneumatic Actuated Solenoid Valves, Electronic Motorized Control Valves, Flanges , Pipe Fittings Etc.**

Our Prominent clients



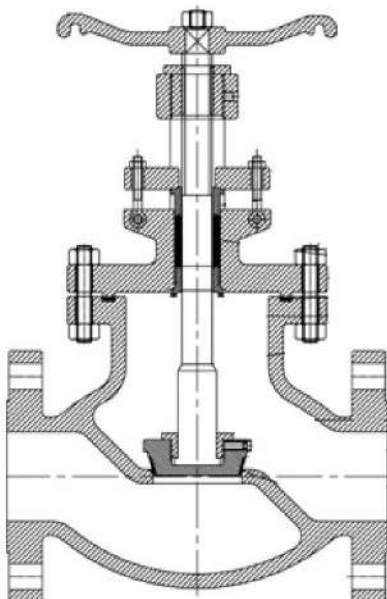
We are providing a wide range of Gate Valve such as Rising Stem, Bolted Bonnet, OS & Y Type Jacketed Gate Valve with Flexible Wedge Gate and Seat Rings seal-welded or integral design. **Flanged End Gate Valve, Screwed Gate Valve, Butt Weld End Gate Valve, Socket Weld End Valve**, our Valves are used widely in a host of Industries. This dimensionally accurate Gate Valve is available at the industry leading prices.



Technical Specifications	
Sizes	DN 15 to DN 900 (NPS ½" to NPS 36")
Pressure Rating	Class 150, 300, 600, 900, 1500 & 2500
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	API 600, API 603
Face to Face Std	ASME B16.10
End Connection Std	ASME B16.5
Testing Standard	API 598
Type of Bore	Standard (Full Bore)
End Connection Type	Flanged Ends, Screwed Ends, Socket Weld Ends, Butt Weld Ends, Victaulic Ends, etc.
Valve Design	Rising Stem, Non-Rising Stem Flexible Wedge, Solid Wedge
Operated Type	Hand Wheel, Gear Box, Electric Actuator, Bare Shaft, etc.

TEMPERATURE RANGE				
Shell Material	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

Globe Valves are Outside Screw, Rising Stem, Bolted Bonnet Construction, threads are away from the line fluid and easy to lubricate. **Globe Valve Manufacturer** are generally available with Plug Type Disc, which is designed to give leak tight seating over a long period of in built wear life. Globe valves body seat ring is shoulder type, threaded body seat ring which has large taper area that is for ample seating. Two slots are provided on body seat ring, which is for easy removal for servicing at site. Designed for least possible obstruction to free flow by providing curvature turns in the body thereby minimizing stresses & turbulence. The plug & seat-ring are machined and lapped very precisely to get a very tight sealing when valve is closed



Technical Specifications	
Sizes	DN 15 to DN 900 (NPS ½" to NPS 36")
Pressure Rating	Class 150, 300, 600, 900, 1500 & 2500
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS 1873
Face to Face Std	ASME B16.10
End Connection Std	ASME B16.5
Testing Standard	API 598
Type of Bore	Standard (Full Bore)
End Connection Type	Flanged Ends, Screwed Ends, Socket Weld Ends, Butt Weld Ends, Victaulic Ends, etc.
Valve Design	Standard Plug Type Design
Operated Type	Hand Wheel, Gear Box, Electric Actuator, Bare Shaft, etc.

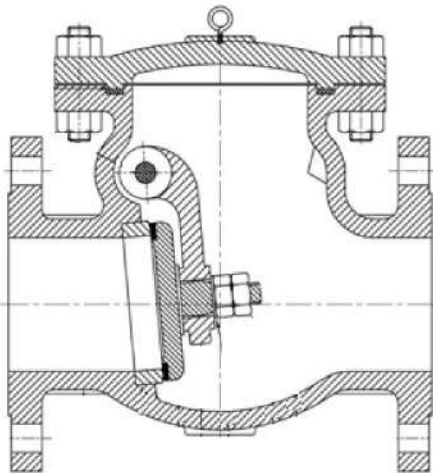
TEMPERATURE RANGE				
Shell Material	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

Swing Check Valve

Swing check valves are generally used in the systems employing gate valves as the low pressure drop around the valve. The name itself says Swing check valve as the disc in the valve swing away to seat to allow flow in correct direction. Our Swing check valve are highly demanded due to its unique features such as renewable, easy to install and meet all the requirement of its different applications.



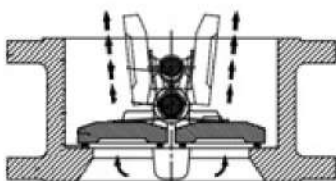
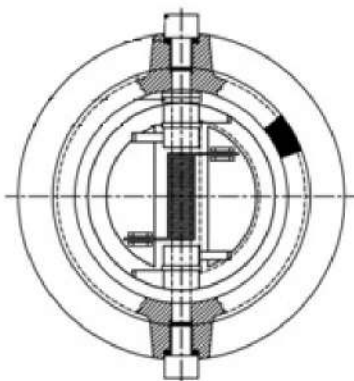
Technical Specifications	
Sizes	DN 15 to DN 900 (NPS ½" to NPS 36")
Pressure Rating	Class 150, 300, 600, 900, 1500 & 2500
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS 1868, API 594, API 6D, DIN 3230
Face to Face Std	ASME B16.10
End Connection Std	ASME B16.5
Testing Standard	API 598 / B.S-6755 (PART-I)
Type of Bore	Standard (Full Bore)
End Connection Type	Flanged Ends, Screwed Ends, Socket Weld Ends, Butt Weld Ends, Victaulic Ends, etc.
Valve Design	Swing type Design
Operated Type	Self Operated



TEMPERATURE RANGE				
Shell Material	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

Dual Plate Check Valve

The Dual Plate Check Valve is widely usable Non-Return Valve which is comparatively light in weight and stronger and also is small in size if compared with conventional Swing Check Valve. The Dual Plate Check Valve is uniquely designed by us and has also solved the problems which were faced with Swing Check Valve and Lift Check Valve. This specially designed Dual plate check valve utilizes two spring loaded plates attached on a central hinge pin. When the flow is reduced then plates are closed by torsion spring action and do not require reverse flow. There are two major advantages of No water hammer and Non-slam all together. All these feature of Dual Plate Check Valve make it the most unique and efficient design.



Technical Specifications	
Sizes	DN15 to DN 1200 (1/2" to 48")
Pressure Rating	Class 150, 300, 600, 900, 1500 & 2500
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	API 594, API 6D
Face to Face Std	ASME B16.10
End Connection Std	ASME B16.5
Testing Standard	API 598
Type of Bore	Standard (Full Bore)
End Connection Type	Wafer End, Flanged End, Lug End.
Valve Design	Dual Plate Type Design
Operated Type	Self Operated

Shell Material	TEMPERATURE RANGE			
	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

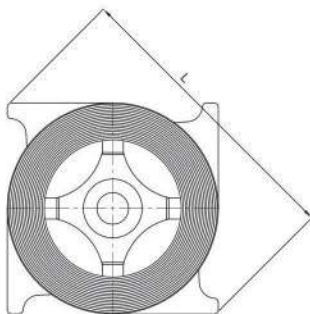
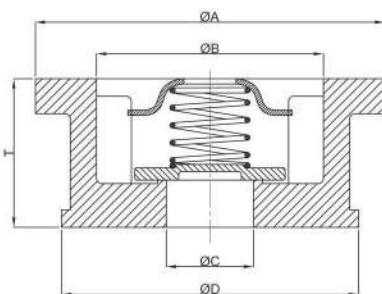
Non Slam Check Valve

A good quality Stainless-Steel Check Valve with Spring Loaded its known as Non-Slam Check Valve also. It is suitable for use on a wide range of fluids for applications in process lines, hot water systems, Steam, Oil, Process applications and Condensate Systems.

The Spring-Loaded Check Valve is perfect for fitting between ANSI 150, 300 and PN10/16/25/40. It is available in various specifications like Metal Seated, Soft Seated and Disc and this spring loaded check valve can be installed at any position.



Technical Specifications	
Sizes	DN15 to DN 200 (1/2" to 8")
Pressure Rating	ANSI Class 150, 300 and PN10/16/25/40
Material of Construction	CF8 / CF8M / F304 / F304L / F316 / F316L
Design & Manufacturing Standard	API 6D / BS-5146
Seat	Metal to Metal Seated Construction
Spring	Standard Spring.
Testing Standard	API 598
Type of Bore	Standard (Full Bore)
End Connection Type	Wafer End.
Operated Type	Self Operated



DIMENSIONS							
SIZE		A	B	C	D	T	L
MM	INCH						
15	1/2"	43	29	15	38	16	60
20	3/4"	53	36	20	45	19	70
25	1"	63	44	25	56	22	80
32	1 1/4"	73	55	32	65	28	90
40	1.1/2"	83	66	40	74	31	98
50	2"	93	77	50	85	40	112
65	2.1/2"	114	98	65	107	46	141
80	3"	132	111	80	122	50	151
100	4"	153	130	100	142	60	181
125	5"	185	161	125	170	90	215
150	6"	212	190	150	202	105	255
200	8"	277	250	200	261	140	320

All Dimensions are in (mm.)

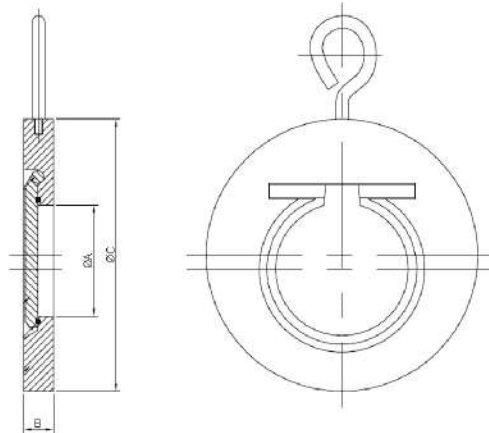
Single Disc Check Valve

The Wafer Type Check Valve is known as Spring Loaded Flap Type Check Valve used to prevent back flow in water and sea water systems and can be used in other applications providing the Valve materials are compatible with the media. It can be fitted in the horizontal position or in the vertical position with the flow going upwards. Suitable for fitting between PN10/PN16 Flanges. Space saving product.



Technical Specifications	
Sizes	DN 25 mm to DN 600 (1" TO 24")
Pressure Rating	PN10 / PN16
Material of Construction	CF8 / CF8M / F304 / F304L / F316 / F316L
Design & Manufacturing Standard	API 6D / API 594
Seat	Metal to Metal Seated Construction
Spring	Standard Spring.
Testing Standard	API 598
Seat Leakage	Zero Leakage , Tight Shutoff
End Connection Type	Wafer End.
Face to Face	API 594
Operated Type	Self Operated

DIMENSIONS				
SIZE		A	B	C
MM	INCH			
25	1"	13	19	64
40	1.1/2"	21	19	85
50	2"	30	19	105
65	2.1/2"	40	19	124
80	3"	52	19	137
100	4"	71	19	175
125	5"	93	19	197
150	6"	114	19	222
200	8"	157	29	279
250	10"	195	29	340
300	12"	230	38	410
350	14"	270	44	451
400	16"	311	51	514
450	18"	361	60	549
500	20"	392	64	606
600	24"	480	70	717

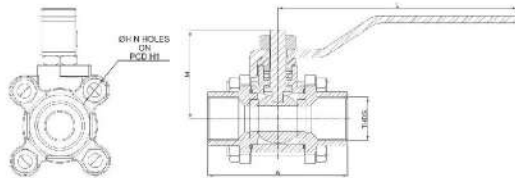


Hand Lever Operated Ball Valve

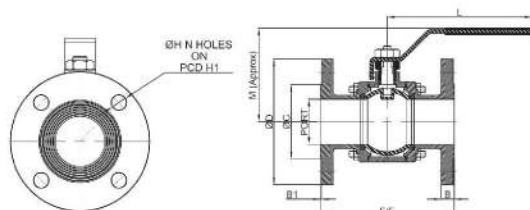
“FLOW-ON” Ball Valves are economically priced and designed to last. These Valves provide exceptional performance in even the most stringent applications found in the Oil & Gas industry and other industries. We offer a wide range of elective seat and seal materials. Ball Valves are designed and manufactured in accordance with latest international standards like API 6D, API 608 and BS 5351 to provide highest safety, efficiency and accuracy. Ball Valves regulate and control the flow of various fluids by the process of opening and closing of Valve. The valves provided by us are highly demanded due to its unique features like dimensional accurateness, brilliant performance and low maintenance.



Technical Specifications	
Sizes	DN 6 to DN 600 (¼" to 24")
Pressure Rating	Class 150, 300 / PN10 / PN16 / Table D / Table E / Table F
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS EN ISO 17292 / API 6D / API 608
Face to Face Std	ASME B16.10
End Connection Std	ASME B16.5
Testing Standard	API 598 / B.S 6755 Part-I
Type of Bore	Full Bore and Reduced Bore
End Connection Type	Flanged Ends, Screwed Ends, Socket Weld Ends, Butt Weld Ends, Triclover End etc.
SEAT	Soft Seat – PTFE, RPTFE, PEEK etc. Fire safe design, Spring loaded Type, etc.
Operated Type	Handlever, Gear, Pneumatic Actuator, Electric Actuator etc.



DIMENSIONS							
SIZE		A	H	H1	N	L	M
MM	INCH						
15	1/2"	68	8	42.5	4	122.5	53.5
20	3/4"	72	8.5	53	4	131.5	60.5
25	1"	84	9	59	4	152.5	67.5
40	1.1/2"	119	10	87.5	4	201	92.5
50	2"	130	11	103	4	228.5	107



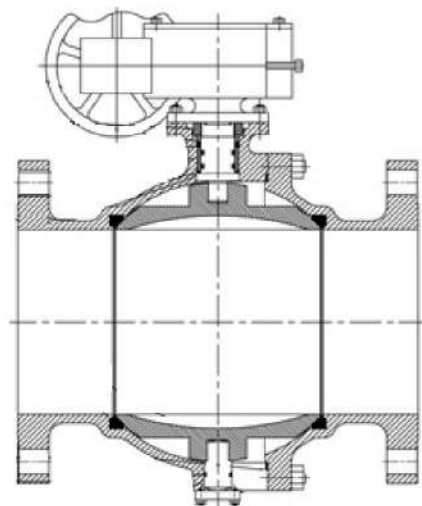
DIMENSIONS							
SIZE		B	C	D	F / F	H	H1
MM	INCH						
15	1/2"	10.5	35	89	108	15.5	60
20	3/4"	10.5	43	98.5	117	16	70
25	1"	12	51	108	127	16	79.5
40	1.1/2"	14	73	127	165	16	98.5
50	2"	21	92	152	178	19	120
65	2.1/2"	17.5	105	178	190.5	19	140
80	3"	21	127	190.5	203	19	152
100	4"	23.5	157	228.5	228	19	190

Trunnion Mounted Ball Valve

We manufacture high quality Trunnion mounted Ball Valve which are manufactured under severe supervision of knowledgeable quality professionals and are manufactured using high grade raw material and with cutting edge technology and with compliance with international quality standards. Due to its unique features specific design, robust construction, longer service life, precise design and consistent performance they are highly recommended by our clients. They are designed for high functionality and are 100% corrosion resistant.



Technical Specifications	
Sizes	DN 6 to DN 600 (1/4" to 24")
Pressure Rating	Class 150, 300 / PN10 / PN16 / Table D / Table E / Table F
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS EN ISO 17292 / API 6D / API 608
Face to Face Std	ASME B16.10
End Connection Std	ASME B16.5
Testing Standard	API 598 / B.S 6755 Part-I
Type of Bore	Full Bore and Reduced Bore
End Connection Type	Flanged Ends, Screwed Ends, Socket Weld Ends, Butt Weld Ends, Triclover End etc.
SEAT	Soft Seat – PTFE, RPTFE, PEEK etc. Fire safe design, Spring loaded Type, etc.
Operated Type	Handlever, Gear, Pneumatic Actuator, Electric Actuator etc.



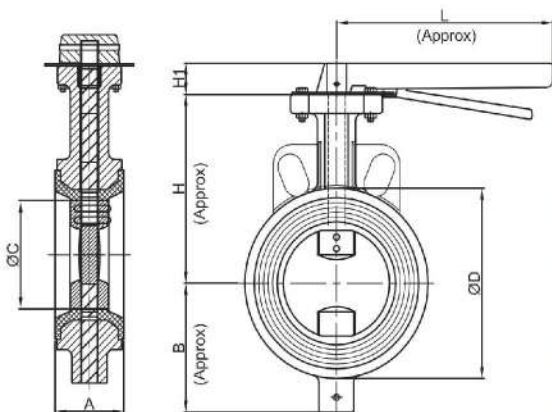
TEMPERATURE RANGE				
Shell Material	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

CONCENTRIC DISC BUTTERFLY VALVE

Concentric Disc Butterfly Valve is mainly used in water treatment and also in other industries due to its unique features like light in weight, small size, easy to install and very low cost. The common design of the butterfly valve is called Concentric Disc Butterfly Valve. In this valve the stem is centered in the middle of the valve disc which is in middle of the pipe bore. These valves are provided with integrally moulded its body liner with elastomer for perfect seating and complete isolation of body material.



Technical Specifications	
Sizes	DN 40 to DN 1000 (1 1/2" to 40")
Pressure Rating	Class 150 / PN10 / PN16
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS 5155 / API 609 / AWWA C504
Seat	EPDM, NITRILE, PTFE, RPTFE, VITON etc.
Seat Type	Integrally Bonded
Seat Leakage Performance	Tight Shutoff
Testing Standard	API 598 / BS 6755 PART-I / EN 12266-1
Face to Face Std	BS 5155 / ISO 5752 / API 609
End Connection Type	Wafer End, Lug End & Flanged End.
Operated Type	Handlever, Gear, Pneumatic Actuator, Electric Actuator etc.



DIMENSIONS							
SIZE		A	B	C	D	T	L
MM	INCH						
40	1.1/2"	33	60	38	80	105	185
50	2"	43	60	48	90	115	185
65	2.1/2"	46	65	63	105	120	185
80	3"	46	75	76	122	130	230
100	4"	52	92	100	147	150	230
125	5"	56	105	125	175	155	230
150	6"	56	120	150	200	175	275
200	8"	60	150	201	255	205	350
250	10"	68	190	240	320	255	400
300	12"	78	225	290	375	285	400

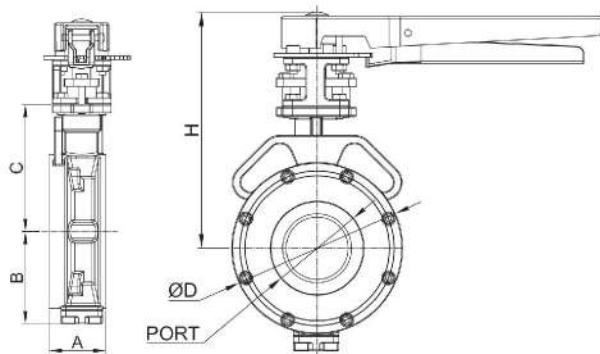
All Dimensions are in (mm.)

Spherical Disc Butterfly Valve

“FLOW-ON” offers Spherical Disc Valve with compact and Easy replacable Seal Design for 10 kg/cm² / 20 kg/cm² & to withstand 180°C to 600°C temperature. This Valves are truly “FIT AND FORGET VALVES” which requires minimum maintenance. Due to our expertise and proficiency in this field, we supply our pneumatic offset butterfly valve within the given time frame and specification. Our all range of valves are available at market leading price keeping in mind needs and uses of the customer. Our high-performance butterfly valve delivers the highest quality and value for meeting today’s ever demanding nature of work.



Technical Specifications	
Sizes	DN 40 to DN 300 (1 ½” to 12”)
Pressure Rating	Class 150 / PN10 / PN16
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS 5155 / API 609 / AWWA C504
Seat	EPDM, NITRILE, PTFE, RPTFE, VITON etc.
Seat Type	Integrally Bonded
Seat Leakage Performance	Tight Shutoff
Testing Standard	API 598 / BS 6755 PART-I / EN 12266-1
Face to Face Std	BS 5155 / ISO 5752 / API 609
End Connection Type	Wafer End, Lug End & Flanged End.
Operated Type	Handlever, Gear, Pneumatic Actuator, Electric Actuator etc.



DIMENSIONS							
SIZE		PORT	D	A	B	C	H
MM	INCH						
40	1.1/2"	38	82	42	58	86	150
50	2"	51	96	45	68	88	150
65	2.1/2"	60	112	48	70	100	170
80	3"	72	131	48	79	109	175
100	4"	100	160	54	95	131	200
125	5"	123	188	57	118	155	225
150	6"	144	219	57	132	170	240
200	8"	192	271	64	161	201	285

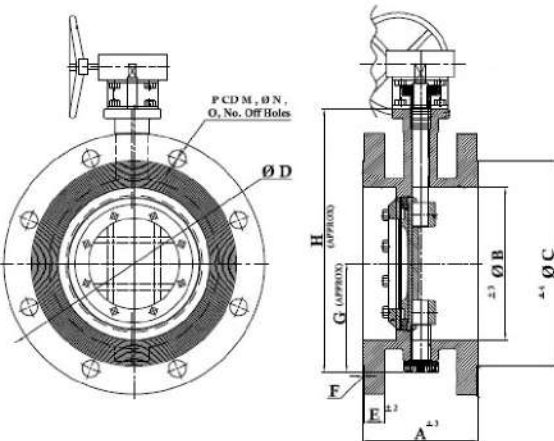
All Dimensions are in (mm.)

OFFSET DISC BUTTERFLY VALVE

“FLOWON” Offset Disc Butterfly valves are designed to withstand higher pressure than the concentric disc design. In this design, the disc remains in contact with the seat only during closing of the valve. Due to this design, the seat lasts for longer period than in Concentric Disc design. Offset disc butterfly valves are suitable to replace the sealing element as and when required. The offset disc butterfly valve is available in Double offset and triple offset. The triple offset valve is used in similar industries as the double offset butterfly valve, but in more demanding applications.



Technical Specifications	
Sizes	DN 100 to DN 1600 (4" to 64")
Pressure Rating	PN 6 / PN10
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	BS 5155 / API 609 / AWWA C504
Seat	Replacable, PTFE Seat & Rubber Seat
Seat Type	Soft Seated And Metal to Metal
Seat Leakage Performance	Tight Shutoff
Testing Standard	API 598 / BS 6755 PART-I / EN 12266-1
Face to Face Std	BS 5155 / ISO 5752 / API 609
End Connection Type	Wafer End, Lug End & Flanged End.
Operated Type	Handlever, Gear, Pneumatic Actuator, Electric Actuator etc.



SEAT TYPE	Seat Temperature Range			
	MINIMUM		MAXIMUM	
	°F	°C	°F	°C
NITRILE	-13°F	-25°C	212°F	100°C
EPDM	-13°F	-25°C	250°F	120°C
SILICON	-58°F	-50°C	356°F	180°C
VITON	-23°F	-5°C	392°F	200°C
HYPALON	-4°F	-20°C	250°F	120°C

GATE VALVE

Forged Steel Gate Valves are Bolted Bonnet, Outside Screw and Yoke type, Rising Spindle Construction Body and bonnet made from high quality forgings.



Technical Specifications	
Sizes	DN 15 to DN 50 (1/2" to 2")
Pressure Rating	Class 800, 1500 & 2500
Material of Construction	Forged Carbon Steel – ASTM A105, Forged Stainless Steel – F304, F304L, F316, F316L, F11, F22, F5, F9 Other Material – As per client Requirement
Design & Manufacturing Standard	API 602
Face to Face Std	As Per Manufacturer's Standard for Screwed, Socket, Butt Weld Ends ASME B16.10 for Flanged Ends
Testing Standard	API 598
Type of Bore	Regular (Reduced) & Standard (Full Bore)
End Connection Type	Screwed Ends, Socket Weld Ends, But Weld, etc... Flanged Ends, Welded Flanged Ends, As per ASME B16.5
Operated Type	Hand Wheel, Electric Actuator, etc.

GLOBE VALVE

Forged Steel Globe Valves are generally available with Plug Type Disc, which is designed to give leak tight seating over a long period of in built wear life. All Globe Valve stem is made from solid one-piece construction. The yoke bush of Globe Valve has a long thread engagement for accurate stem alignment



Technical Specifications	
Sizes	DN 15 to DN 50 (1/2" to 2")
Pressure Rating	Class 800, 1500 & 2500
Material of Construction	Forged Carbon Steel – ASTM A105, Forged Stainless Steel – F304, F304L, F316, F316L, F11, F22, F5, F9 Other Material – As per client Requirement
Design & Manufacturing Standard	API 602
Face to Face Std	As Per Manufacturer's Standard for Screwed, Socket, Butt Weld Ends ASME B16.10 for Flanged Ends
Testing Standard	API 598
Type of Bore	Regular
End Connection Type	Screwed Ends, Socket Weld Ends, But Weld, etc... Flanged Ends, Welded Flanged Ends, As per ASME B16.5
Operated Type	Hand Wheel, Electric Actuator, etc.

CHECK VALVE

Forged Steel Lift Check Valves Bolted Type and have body guided piston assuring accurate return to seat ring to achieve leak tightness. This Check Valves are suitable for only Horizontal Line.



Technical Specifications	
Sizes	DN 15 to DN 50 (1/2" to 2")
Pressure Rating	Class 800, 1500 & 2500
Material of Construction	Forged Carbon Steel – ASTM A105, Forged Stainless Steel – F304, F304L, F316, F316L, F11, F22, F5, F9 Other Material – As per client Requirement
Design & Manufacturing Standard	API 602
Face to Face Std	As Per Manufacturer's Standard for Screwed, Socket, Butt Weld Ends ASME B16.10 for Flanged Ends
Testing Standard	API 598
Type of Bore	Regular
End Connection Type	Screwed Ends, Socket Weld Ends, But Weld, etc... Flanged Ends, Welded Flanged Ends, As per ASME B16.5
Operated Type	Self

BALL VALVE

Forged Steel Ball Valve manufacturing according to International design and standard to get 100% Client Satisfaction with total interchangeability, superior quality, workmanship & service. These Ball Valves come in Three Piece Design to suit various industrial critical, non-critical applications. Electro-Polished, Buff Finish & Ultra clean valve also provided for Food & Pharmaceutical Industries on request.



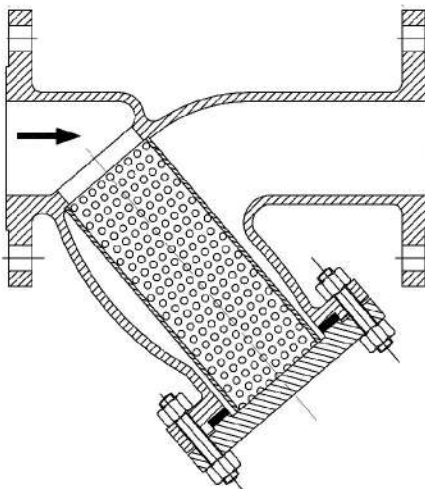
Technical Specifications	
Sizes	DN 6 to DN 50 (1/4" to 2")
Pressure Rating	Class 150, 300, 600, 800, 900, 1500 & 2500
Material of Construction	Forged Carbon Steel – ASTM A105, Forged Stainless Steel – F304, F304L, F316, F316L, F11, F22, F5, F9 Other Material – As per client Requirement
Design & Manufacturing Standard	BS-5351
Face to Face Std	As Per Manufacturer's Standard for Screwed, Socket, Butt Weld Ends ASME B16.10 for Flanged Ends
Testing Standard	API 598 / BS 6755 Part-II
Type of Bore	Regular (Reduced) & Standard (Full Bore)
End Connection Type	Screwed Ends, Socket Weld Ends, But Weld, etc... Flanged Ends, Welded Flanged Ends, As per ASME B16.5
Operated Type	Hand Wheel, Electric Actuator, etc.

Y- Strainer

We are one of the leading manufacturer, supplier and exporter of high quality strainers. The strainers manufactured by us are of high quality raw materials from trusted vendors and in compliance with international standards. Normally “Y strainers” are highly in demand and these are available with a wide range of connections including flanged, welded and threaded. They are designed in such a way that they are having high temperature options and easy mounting.



Technical Specifications	
Sizes	DN 25 to DN 600 (1" to 24")
Pressure Rating	Class 150, 300, 600
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	As per Manufacturers Standard
Screen Mesh	18 to 40 micron as per Customer requirement
End Connection Std	ASME B16.5
Testing Standard	API 598
Face to Face Std	ASME B16.10
End Connection Type	Flanged to ASME B 16.5 / BS Standards / DIN Standards / Screwed end / Butt Weld End
Operated Type	Self.



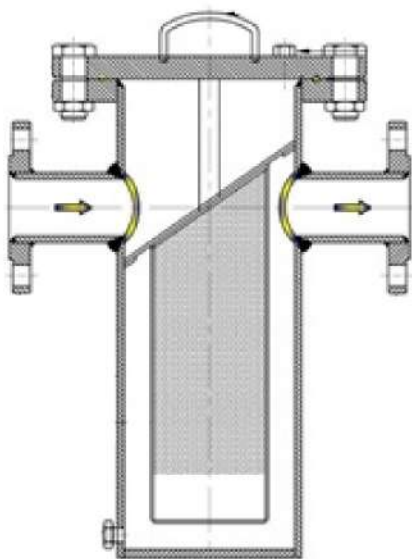
TEMPERATURE RANGE				
Shell Material	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

Bucket Strainer

We are one of the leading manufacturer, supplier and exporter of high quality strainers. The strainers manufactured by us are of high quality raw materials from trusted vendors and in compliance with international standards. Normally “Y strainers” are highly in demand and these are available with a wide range of connections including flanged, welded and threaded. They are designed in such a way that they are having high temperature options and easy mounting.



Technical Specifications	
Sizes	DN 25 to DN 600 (1" to 24")
Pressure Rating	Class 150, 300, 600
Material of Construction	Cast Carbon Steel – WCB, WCC, etc. Low Carbon Steel – LCB, LCC, etc. Martensitic Steel – WC1, WC6, WC9, C5, C12, CA15, etc. Austenitic Stainless Steel – CF8, CF8M, CF3, CF3M, CN7M, CG3M, Duplex Stainless Steel – CD4MCuN, CD3Mn, etc. Nickel-Copper Alloy – Monel 400, Nickel-Copper- Aluminium Alloy – Monel 500, Ductile Iron – Grey Cast Iron, S.G. Iron, etc.
Design & Manufacturing Standard	As per Manufacturers Standard
Screen Mesh	18 to 40 micron as per Customer requirement
End Connection Std	ASME B16.5
Testing Standard	API 598
Face to Face Std	ASME B16.10
End Connection Type	Flanged to ASME B 16.5 / BS Standards / DIN Standards / Screwed end / Butt Weld End
Operated Type	Self.



TEMPERATURE RANGE				
Shell Material	Lower limit		Upper limit	
	°F	°C	°F	°C
Cast Iron (Graded)	-20	-5	410	210
A216 Gr. WCB	-20	-10	650	343
A352 Gr. LCB	-50	-46	800	470
A351 Gr. CF8	-425	-254	850	454
A351 Gr. CF8M	-425	-254	1500	816

FLÖWON

Engineers

ISO 9001-2015 Certified



Registered Office:
1 , Madni Park , B.R.Somani Compound
Nr. Govt Ware House, Danilimda,
Ahmedabad,Gujarat -380028
Mobile: +91 7984077365
Whatsapp:+91 8735989424
Skype:flowon_engineers

Branch Office:
208 Business point, Narol Circle,
Narolgam,
Ahmedabad, Gujarat 380028