



WC-B

**CAST STEEL
VALVES**

THE VALVE VALUE

www.dvpl.co.in





CAST STEEL

We are committed to meeting Customers' needs and expectations by supplying International Quality Valves and allied products to their complete satisfaction.



We are committed to Continuous and indigenous improvement of Methods, Processes, Equipment, and Techniques to establish the organization's identity in National and International markets.

We are committed to Developing Human Resources through training, motivation, and support to achieve overall organizational development and growth.



Our vision is to be a leading indigenous Valves manufacturing company in India and to become a significant single-source solution for Valves.



We shall provide total customer satisfaction and achieve leadership in markets, products, and services, through excellence in technology, experience, and development.

CAST STEEL

Technical Benefits of Cast Steel Valves

High Tensile Strength

- Cast steel valves possess exceptional tensile strength, making them capable of withstanding high internal pressures and mechanical stress.
- This property is crucial for preventing valve failure under extreme pressure conditions, such as those found in high-altitude water distribution systems.

Impact Resistance

- The robust nature of cast steel provides excellent resistance to impact, making these valves suitable for environments where they may be subject to physical shocks or abrupt changes in pressure.

Water Hammer Mitigation

- Water hammer, the pressure surge resulting when fluid in motion is forced to stop or change direction suddenly, can cause significant damage. Cast steel valves can absorb these energy spikes better than more brittle materials like grey cast iron. Their resilience to rapid pressure changes helps maintain system integrity and longevity.



CAST STEEL

Momentary Shock Absorption

- In systems where momentary shocks are common, such as those involving variable flow rates or emergency shutdowns, the ductility and toughness of cast steel allow it to withstand these conditions without deformation or cracking.

Superior Performance Under Abnormal Pressure Increases

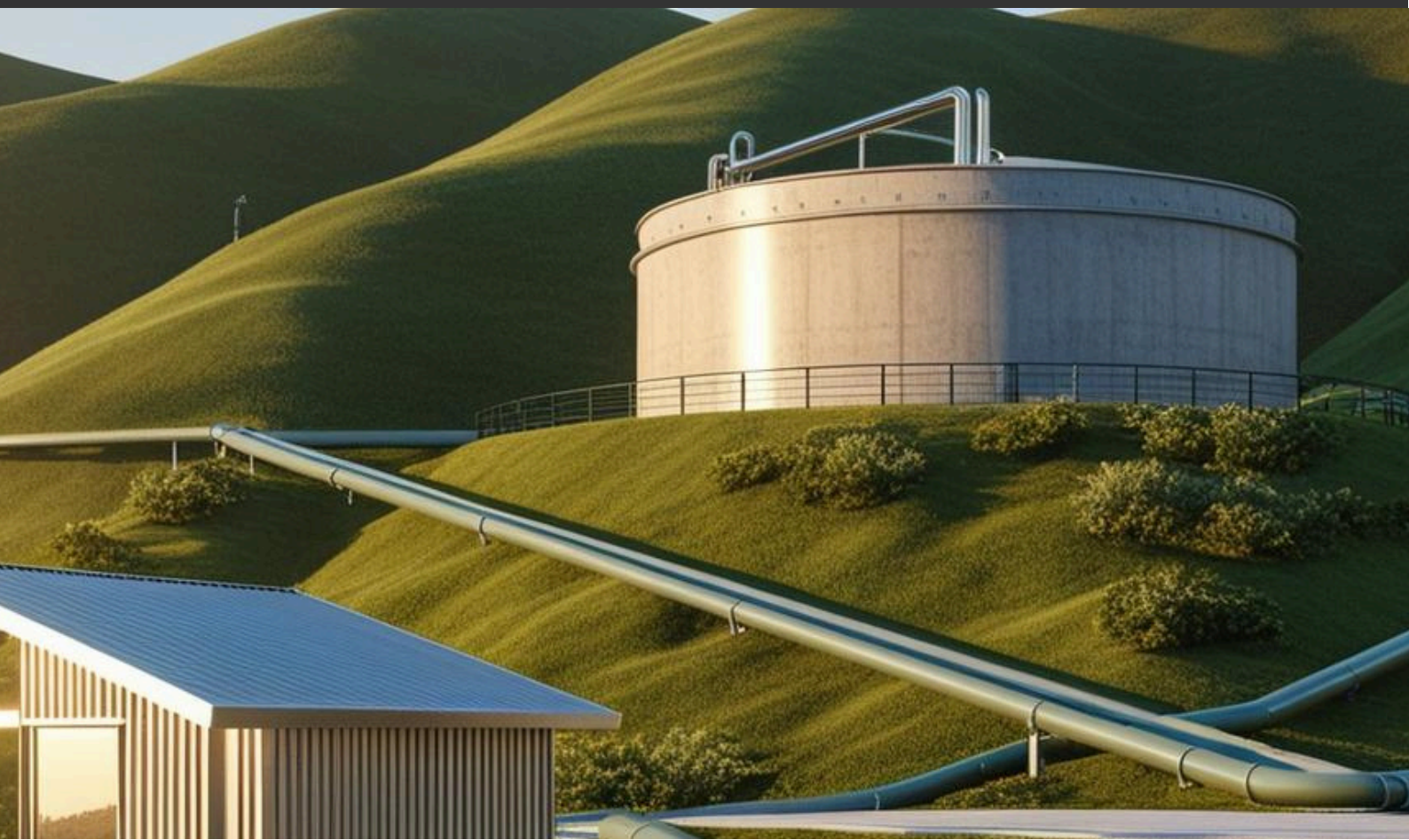
- Cast steel valves are designed to perform reliably even when there is an abnormal increase in pressure head, a scenario that could lead to catastrophic failure in less robust materials.
- This capability is essential in high head pumping applications where pressure fluctuations are common.

In summary, the use of cast steel valves in water projects, especially those facing the challenges of high altitude and high head pumping, ensure enhanced durability and reliability. Their ability to withstand extreme conditions and absorb shocks makes them a superior choice compared to grey cast iron and, to some extent, ductile iron.



ADVANTAGES OF CAST STEEL VALVES FOR WATER PROJECTS

When selecting valves for water projects, particularly those involving challenging conditions such as **high-altitude terrain and high head pumping**, Cast Steel valves offer several significant advantages over other materials like grey cast iron and ductile iron. These benefits can be attributed to various technical properties of cast steel, which make it an ideal choice for these demanding applications.



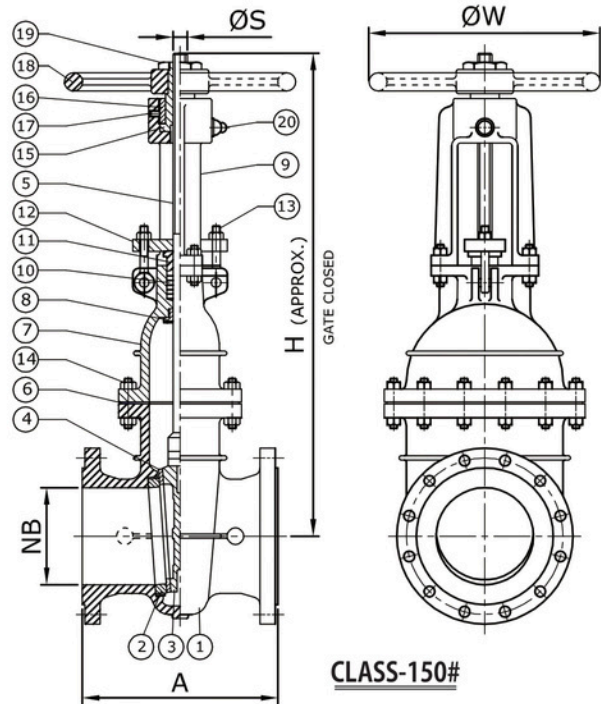
Applications:

Cast Steel valves are used in several industries due to their robust design and reliable performance. Some common applications include:

- **Oil and Gas:** Used in upstream, midstream, and downstream processes for controlling the flow of crude oil, natural gas, and refined products.
- **Petrochemical:** Essential in managing the flow of chemicals and maintaining safety in processing plants.
- **Power Generation:** Utilized steam and water systems within thermal and nuclear power plants.
- **Water Treatment:** Employed in water distribution and sewage treatment facilities.
- **Benefits**
- **Reliability:** CS valves are known for their strong construction, which ensures long service life and minimal maintenance.
- **Safety:** Adhering to stringent standards, these valves help prevent leaks and accidents, protecting both personnel and equipment.
- **Efficiency:** Their design allows for efficient flow control, reducing energy consumption and operational costs.

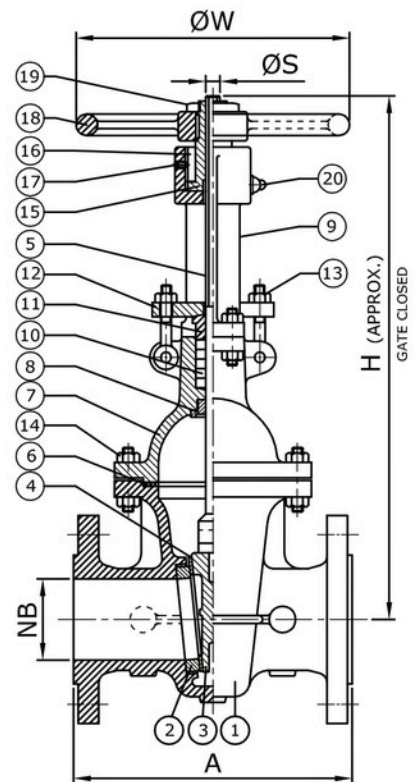


GATE VALVE



MATERIAL OF CONSTRUCTION FOR CL. -150# & CL. -300#

SL No.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	WCB / LCB / CF8 / CF8M
2.	BODY SEAT	S.S 410 / 304 / 316
3.	WEDGE	WCB / LCB / CF8 / CF8M
4.	WEDGE SEAT FACING	13% CR. OVERLAY ON WCB / CA-15 / CF8 / CF8M
5.	STEM	S.S 410 / 304 / 316 / 431
6.	GASKET	RUBBER / SP.WOUND-S.S-304-ASB / GRAPH.FILLER
7.	BONNET	WCB / LCB / CF8 / CF8M
8.	BACK SEAT	S.S 410 / 304 / 316
9.	YOKE	WCB / LCB / CF8 / CF8M
10.	GLAND PACKING	MACHINE BRAIDED METALLIC WIRE REINFORCEMENT ASB / GRAFOIL / PTFE
11.	GLAND	S.S 410 / 304 / 316
12.	GLAND FLANGE	WCB / LCB / CF8 / CF8M
13.	EYE BOLTS & NUTS	ASTM A193, Gr.B7 & A194, Gr.2H / S.S 304
14.	STUDS & NUTS	ASTM A193, Gr.B7 & A194, Gr.2H / S.S 304
15.	SLEEVE BUSH	CARBON STEEL / TB
16.	S. BUSH LOCK NUT	CARBON STEEL / S.S 304
17.	GRUB SCREW	CARBON STEEL / S.S 304
18.	HAND WHEEL	M.S / D.I / WCB
19.	WHEEL LOCK NUT	CARBON STEEL / S.S 304
20.	GREASE NIPPLE PLUG	COMMERCIAL

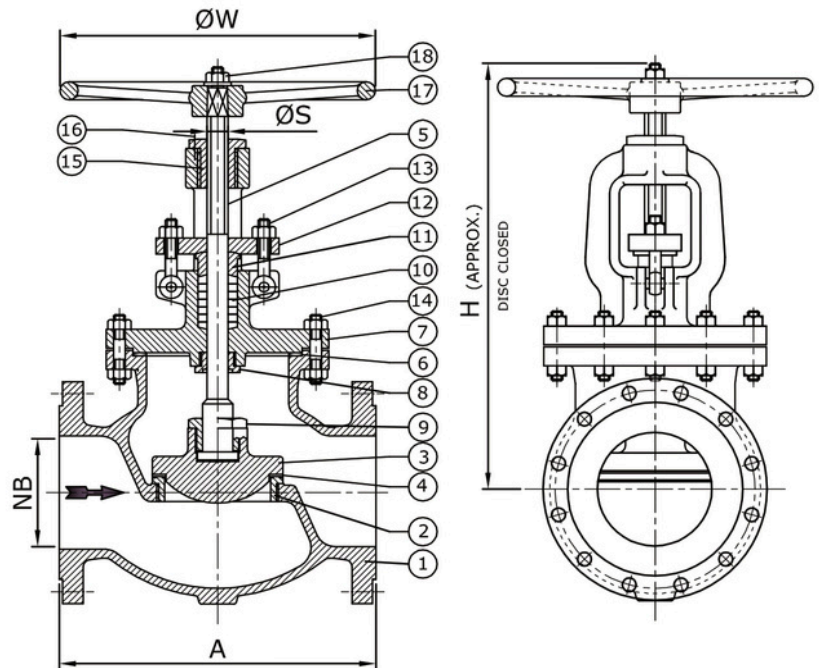


DESIGN FEATURES	
DESIGN STANDARD	API 600 / BS 1414 / ISO 10434
MFG. RANGE	50 MM TO 600 MM & UP TO 1200 MM AVAILABLE ON REQUEST.
FACE TO FACE	ASME B16.10
END CONNECTION	FLANGE END & DRILLED TO ASME- B16.5
TESTING STANDARD	API 598
OPERATION	MANUAL, GEARED, ELECTRICAL ACTUATOR, HEAD STOCK WITH EXTENDED SPINDLE
APPLICATION	SUITABLE FOR HANDLING WATER, AIR, GAS AND LIQUID WITH CORROSIVE PROPERTIES.
FEATURE	

SEE DIMENSIONS TABLE-1 & TABLE-2

HYDROSTATIC TEST PRESSURE IN PSI (Kg/Cm ²)			
CLASS	BODY	SEAT	AIR
150#	425 (30)	300 (21)	100 (7)
300#	1100 (77)	750 (53)	100 (7)

NOTE: - ALL DIMENSIONS ARE IN MM. FOR ANY OTHER MOC AND HIGHER SIZE PLEASE REFER TO US. WE RESERVE THE RIGHT TO MAKE CHANGES IN DRAWING DUE TO TECHNICAL UP GRADATION.



MATERIAL OF CONSTRUCTION FOR CL. -150# & CL. -300#

SL No.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	WCB / LCB / CF8 / CF8M
2.	BODY SEAT	S.S 410 / 304 / 316
3.	DISC	WCB / LCB / CF8 / CF8M
4.	DISC SEAT FACING	13% CR. OVERLAY ON WCB / CA-15 / CF8 / CF8M
5.	STEM	S.S 410 / 304 / 316 / 431
6.	GASKET	RUBBER / SP.WOUND-S.S-304-ASB / GRAPH.FILLER
7.	COVER WITH TOKE	WCB / LCB / CF8 / CF8M
8.	BACK SEAT	S.S 410 / 304 / 316
9.	DISC NUT	S.S 410 / 304
10.	GLAND PACKING	MACHINE BRAIDED METALLIC WIRE REINFORCEMENT ASB / GRAFOIL / PTFE
11.	GLAND	S.S 410 / 304 / 316
12.	GLAND FLANGE	WCB / LCB / CF8 / CF8M
13.	EYE BOLTS & NUTS	ASTM A193, Gr.B7 & A194, Gr.2H / S.S 304
14.	STUDS & NUTS	ASTM A193, Gr.B7 & A194, Gr.2H / S.S 304
15.	STEM NUT	CARBON STEEL / TB
16.	STEM NUT LOCKING SCREW	CARBON STEEL / S.S 304
17.	HAND WHEEL	M.S / D.I / WCB
18.	WHEEL LOCK NUT	CARBON STEEL / S.S 304

DESIGN FEATURES	
DESIGN STANDARD	BS 1873
MFG. RANGE	50 MM TO 450 MM
FACE TO FACE	ASME B16.10
END CONNECTION	FLANGE END & DRILLED TO ASME-B16.5
TESTING STANDARD	API 598
OPERATION	MANUAL, GEARED, ELECTRICAL ACTUATOR, HEAD STOCK WITH EXTENDED SPINDLE
APPLICATION	SUITABLE FOR HANDLING WATER, AIR, GAS & LIQUID WITH CORROSIVE PROPERTIES.
FEATURE	DOUBLE FLANGED OUTSIDE SCREW, RISING STEM, YOKE TYPE, TWO PIECES GLAND, RENEWABLE SCREWED BODY SEAT RING, BACK SEAT BUSH.

HYDROSTATIC TEST PRESSURE IN PSI (Kg/Cm ²)			
CLASS	BODY	SEAT	AIR
150#	425 (30)	300 (21)	100 (7)
300#	1100 (77)	750 (53)	100 (7)

NOTE: - ALL DIMENSIONS ARE IN MM. FOR ANY OTHER MOC AND HIGHER SIZE PLEASE REFER TO US. WE RESERVE THE RIGHT TO MAKE CHANGES IN DRAWING DUE TO TECHNICAL UP GRADATION.

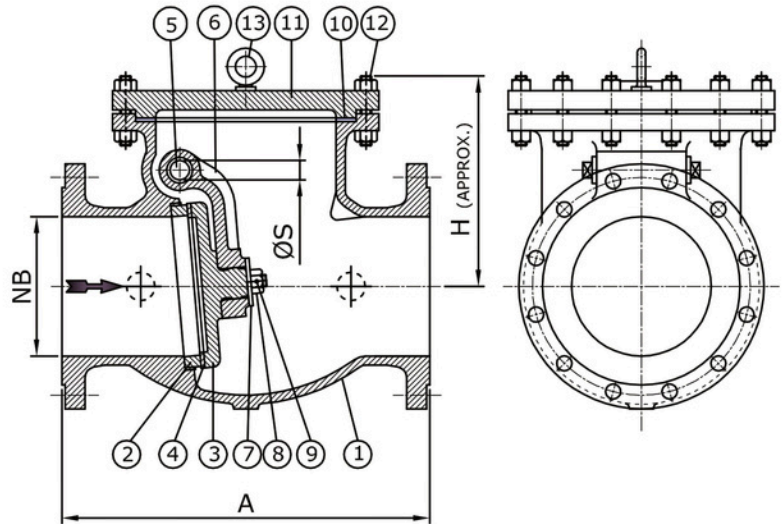
DIMENSION TABLE - 3

CLASS-150#												CLASS-300#													
SIZE ▷	50	65	80	100	125	150	200	250	300	350	400	450	SIZE ▷	50	65	80	100	125	150	200	250	300	350	400	450
A	203	216	241	292	356	406	495	622	698	787	914	978	A	267	292	318	356	400	445	559	620	711	-	-	-
S	19.0	22.2	25.4	28.6	28.6	31.8	35.0	38.1	41.3	44.4	47.6	-	S	19.0	22.2	25.4	28.6	31.8	35.0	38.1	41.3	44.4	-	-	-
H	304	365	385	420	445	485	570	712	1015	1132	1260	-	H	398	423	440	510	545	650	975	1255	1345	-	-	-
W	200	225	250	250	300	355	400	500	*500	*610	*610	-	W	200	250	250	355	400	450	560	*500	*500	-	-	-

Note :- 1. Flange Dimensions See Table-2

All dimensions are in mm.

SWING CHECK VALVE



MATERIAL OF CONSTRUCTION FOR CL. -150# & CL. -300#

SL No.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	WCB / LCB / CF8 / CF8M
2.	BODY SEAT	S.S 410 / 304 / 316
3.	DISC	WCB / LCB / CF8 / CF8M
4.	DISC SEAT FACING	13% CR. OVERLAY ON WCB / CA-15 / CF8 / CF8M
5.	HINGE PIN	S.S 410 / 304 / 316 / 431
6.	HINGE	WCB / LCB / CF8 / CF8M
7.	WASHER	S.S 410 / 304
8.	DISC LOCK NUT	S.S 410 / 304 / 316
9.	LOCKING PIN / SPLIT PIN	S.S 410 / 304
10.	GASKET	RUBBER / SP.WOUND-S.S-304-ASB / GRAF FILLER
11.	COVER	WCB / LCB / CF8 / CF8M
12.	STUDS & NUTS	ASTM A193, Gr.B7 & A194, Gr.2H / S.S 304
13.	LIFTING EYE BOLTS	ASTM A105 / S.S 304

NOTE :- ALL DIMENSIONS ARE IN MM. FOR ANY OTHER MOC AND HIGHER SIZE PLEASE REFER TO US. WE RESERVE THE RIGHT TO MAKE CHANGES IN DRAWING DUE TO TECHNICAL UP GRADATION.

DESIGN FEATURES	
DESIGN STANDARD	BS 1868
MFG. RANGE	50 MM TO 600 MM
FACE TO FACE	ASME B16.10
END CONNECTION	FLANGE END & DRILLED TO ASME- B16.5
TESTING STANDARD	API 598
OPERATION	SELF OPERATED
APPLICATION	SUITABLE FOR HANDLING WATER, AIR, GAS & LIQUID WITH CORROSIVE PROPERTIES.
FEATURE	SCOUR PLATE AND ROBUST ONE PIECE DESIGN TO WITHSTAND SEVERE SHOCK OF CHECK VALVE SERVICE. DIFFERENT ARRANGEMENT LIKE DASHPOT COUNTER WEIGHT, DRAIN PLUG AND BY-PASS ARE AVAILABLE.

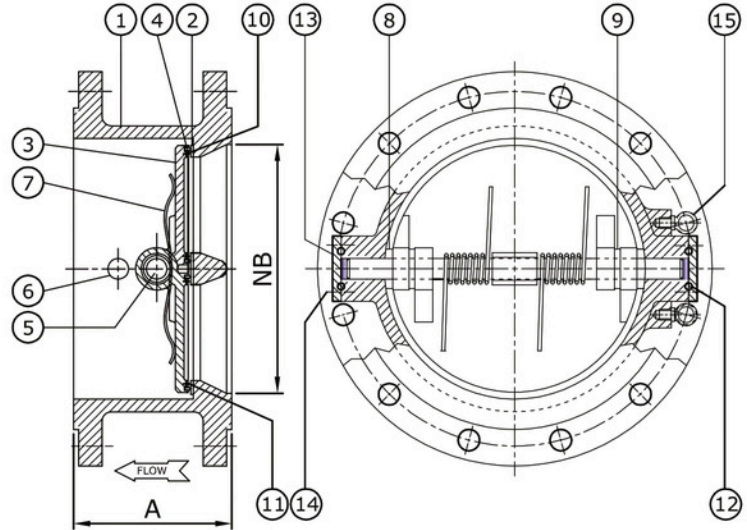
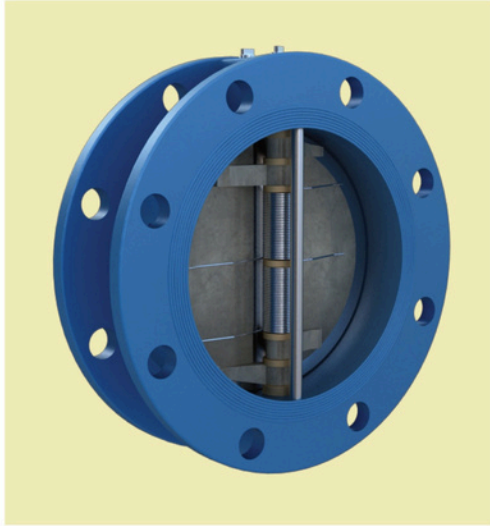
HYDROSTATIC TEST PRESSURE IN PSI (Kg/Cm ²)			
CLASS	BODY	SEAT	AIR
150#	425 (30)	300 (21)	100 (7)
300#	1100 (77)	750 (53)	100 (7)

DIMENSION TABLE - 4

CLASS-150#													CLASS-300#																
SIZE >	50	65	80	100	125	150	200	250	300	350	400	450	500	600	SIZE >	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	203	216	241	292	330	356	495	622	698	787	864	978	978	1295	A	203	216	241	292	330	356	495	622	698	787	864	978	978	1295
S	10	10	12	12	16	16	20	25	30	30	35	40	45	50	S	10	10	12	12	16	16	20	25	30	30	35	40	45	50
H	165	175	190	215	235	265	320	365	415	460	495	550	590	650	H	190	205	220	245	275	295	330	420	480	535	585	615	685	785

Note :- 1. Flange Dimensions See Table-2

All dimensions are in mm.



MATERIAL OF CONSTRUCTION FOR CL. -150# & CL. -300#

SL No.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	WCB / LCB / CF8 / CF8M
2.	BODY SEAT	S.S CF8 / CF8M
3.	DISC	WCB / LCB / CF8 / CF8M
4.	DISC SEAT RING	NITRILE RUBBER / CF8 / CF8M
5.	HINGE PIN	S.S 410 / 304 / 316 / 431
6.	STOP PIN	S.S 410 / 304 / 316 / 431
7.	SPRING	S.S 304 / 316
8.	BODY LUG BEARING	S.S 304 / 316
9.	DISC LUG BEARING	S.S 304 / 316
10.	RETAINER RING	CARBON STEEL / S.S-304 / 316
11.	INTERNAL FASTENERS	S.S 304
12.	O - RING / GASKET	RUBBER / CAF / PTFE
13.	END COVER PLATE / PLUG	CARBON STEEL / S.S-304 / 316
14.	EXTERNAL FASTERERS	ASTM A193, Gr.B7 & A194, Gr.2H / S.S 304
15.	LIFTING EYE BOLTS	ASTM A105 / S.S 304

NOTE :- ALL DIMENSIONS ARE IN MM. FOR ANY OTHER MOC AND HIGHER SIZE PLEASE REFER TO US. WE RESERVE THE RIGHT TO MAKE CHANGES IN DRAWING DUE TO TECHNICAL UP GRADATION.

DESIGN FEATURES	
DESIGN STANDARD	API 594
MFG. RANGE	50 MM TO 1200 MM
FACE TO FACE	API 594
END CONNECTION	WAFER / FLANGE End & DRILLED TO ASME- B16.5
TESTING STANDARD	API 598
OPERATION	SELF OPERATED
APPLICATION	SUITABLE FOR HANDLING WATER, AIR, GAS & LIQUID WITH CORROSIVE PROPERTIES.
FEATURE	DOUBLE SPRING ACTION ENSURE TIGHT SHUT OFF, POSITION INSTALLATION VERTICAL OR HORIZONTAL. NO HAMMER EFFECT DURING CLOSING, BOTH METAL TO METAL AND RESILIENT SEALING IS AVAILABLE.
CAUTION	FOR HORIZONTAL FLOW APPLICATION, VALVE MUST BE INSTALLED WITH DISC HINGE PIN IN THE VERTICAL POSITION TO ENSURE PROPER OPERATION.

HYDROSTATIC TEST PRESSURE IN PSI (Kg/Cm ²)			
CLASS	BODY	SEAT	AIR
150#	425 (30)	300 (21)	100 (7)
300#	1100 (77)	750 (53)	100 (7)

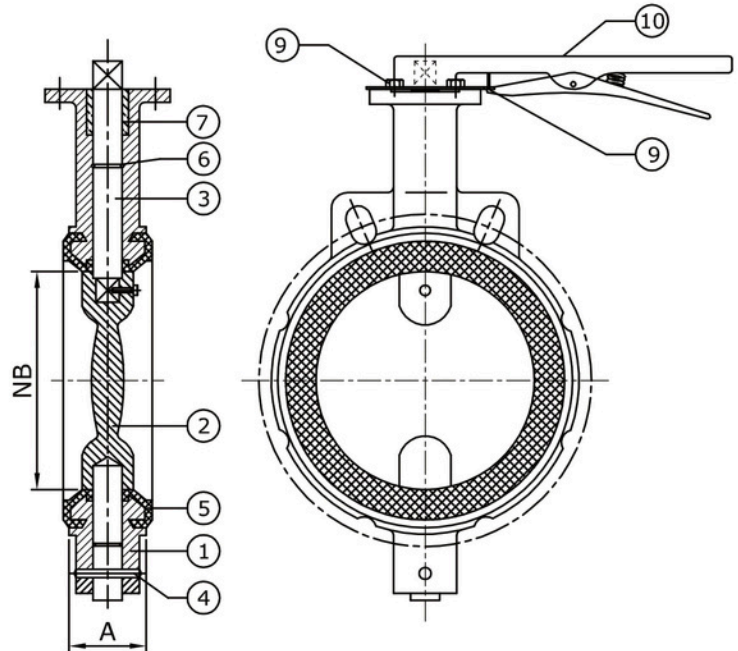
DIMENSION FOR FACE TO FACE (A) TABLE - 5

VALVE SIZE	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750	800	900	1050	1100	1200
CLASS 150#	60	67	73	73	*83	98	127	146	181	184	191	203	219	222	*305	305	*356	368	432	*440	524
CLASS 300#	60	67	73	73	*83	98	127	146	181	222	232	264	292	318	-	-	-	-	-	-	-

Note :- 1. * Dimensions as per Manufacturer's Standard.
2. Flange Dimensions See Table-2

All dimensions are in mm

WAFER TYPE BUTTERFLY VALVE



MATERIAL OF CONSTRUCTION FOR CL. -150# & CL. -300#

SL No.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	WCB
2.	DISC	WCB / CF8 / CF8M
3.	SHAFT	S.S 410 / 304 / 316 / 431
4.	PIN	S.S 304
5.	LINING/SHEATING	NITRILE RUBBER / EPDM
6.	SHAFT 'O' RING	NITRILE RUBBER / EPDM
7.	BUSH	PTFE / LTB-2
8.	BOLTS & NUTS	ASTM A193, Gr.B7 & A194, Gr.2H
9.	RATCHET	C.I. / M.S. / WCB
10.	LEVER	C.I. / M.S. / WCB

DESIGN FEATURES	
DESIGN STANDARD	IS: 13095 / EN-593 (BS 5155)
MFG. RANGE	40 MM TO 600 MM
FACE TO FACE	IS: 13095 / EN-593 (BS 5155)
END CONNECTION	WAFER / LUGGED
TESTING STANDARD	IS: 13095 / EN-593 (BS 5155)
OPERATION	MANUAL, GEARED, ELECTRICAL ACTUATOR, PNEUMATIC ACTUATOR, HEAD STOCK WITH EXTENDED SPINDLE
APPLICATION	SUITABLE FOR HANDLING WATER, AIR, GAS AND LIQUID WITH CORROSIVE PROPERTIES.
FEATURE	PTFE NYLON BUSHES CONFIRM LOW TORQUE, SINGLE PIECE BODY LINER PROVIDES SEATING TO VALVE DISC AND ENSURE PERFECT SEALING.

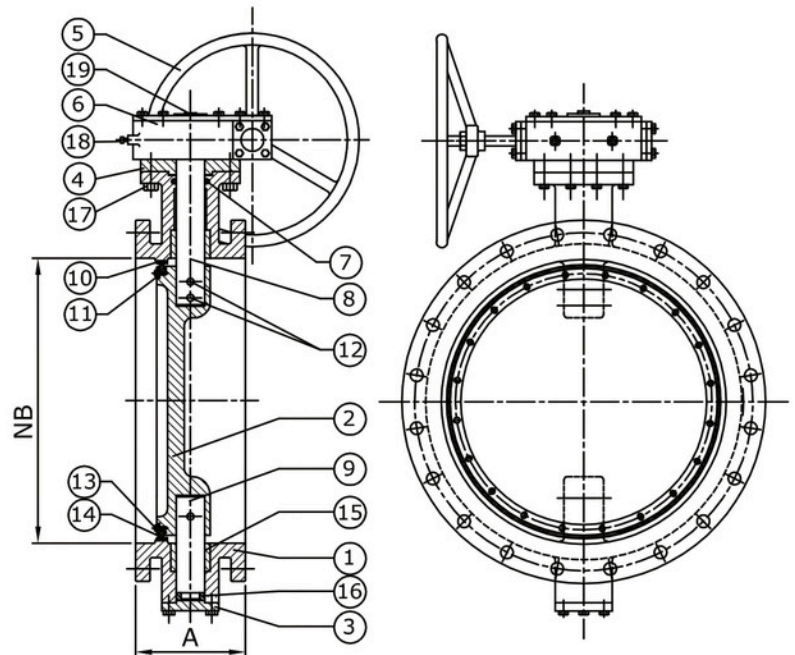
NOTE :- ALL DIMENSIONS ARE IN MM. FOR ANY OTHER MOC AND HIGHER SIZE PLEASE REFER TO US. WE RESERVE THE RIGHT TO MAKE CHANGES IN DRAWING DUE TO TECHNICAL UP GRADATION.

HYDROSTATIC TEST PRESSURE IN PSI (Kg/Cm ²)			
RATING	BODY	SEAT	AIR
PN-10	225 (15)	150 (10)	-
PN-16	360 (24)	240 (16)	-

DIMENSIONS FOR FACE TO FACE (A) TABLE - 6

VALUE SIZE	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	
RATING	PN-10	33	43	46	46	52	56	56	60	68	78	92	102	114	127	154
	PN-16	33	43	46	46	52	56	56	60	68	78	92	102	114	127	154

Note :- 1. Flange Dimensions See Table-2 All dimensions are in mm.



MATERIAL OF CONSTRUCTION FOR CL. -150# & CL. -300#

Sl. No.	DESCRIPTION	MATERIALS & SPECN.
1.	BODY	WCB
2.	DISC	WCB / CF8 / CF8M
3.	END COVER	WCB
4.	GLAND COVER PLATE	WCB
5.	HAND WHEEL	C.I. / WCB
6.	WORM GEAR UNIT	MFR'S STD
7.	'O' RING	NITRILE RUBBER / EPDM
8.	DRIVE SHAFT	S.S 410 / 304 / 316 / 431
9.	STUB SHAFT	S.S 410 / 304 / 316 / 431
10.	BODY SEAT RING	13% Cr. OVERLAY ON WCB / CA- 15 / CF8 / CF8M
11.	SEAL RETAINING RING	S.S 304
12.	FIXING BOLTS	S.S 304
13.	INTERNAL FASTENERS	S.S 304
14.	DISC SEAL	NITRILE RUBBER / EPDM
15.	BEARING BUSHES	LTB-2
16.	THRUST PAD	LTB-2
17.	EXTERNAL FASTENERS	ASTM A193, Gr.B7 & A194, Gr.2H
18.	STOPPER LOCK	HT. BOLTS.
19.	INDICATOR	ALUMINIUM

DESIGN FEATURES	
DESIGN STANDARD	IS: 13095 / EN-593 (BS 5155) / AWWA-C504
MFG. RANGE	200 MM TO 1200 MM
FACE TO FACE	IS: 13095 / EN-593 (BS 5155) / AWWA-C504
END CONNECTION	FLANGED DRILLED TO CUSTOMER SPEC.
TESTING STANDARD	EN- 12266- 1 (BS-6755) / AWWA-C504
OPERATION	MANUAL, GEARED, ELECTRICAL ACTUATOR, PNEUMATIC ACTUATOR, HEAD STOCK WITH EXTENDED SPINDLE.
APPLICATION	SUITABLE FOR HANDLING WATER, AIR, GAS AND LIQUID WITH CORROSIVE PROPERTIES.
FEATURE	ONE PIECE BODY ENSURE ROBUST DESIGN. BRONZE BUSH BEARING CONFIRM LOW TORQUE & EASY OPERATION.

HYDROSTATIC TEST PRESSURE IN PSI (Kg/Cm ²)			
RATING	BODY	SEAT	AIR
PN- 10	225 (15)	150 (10)	-
PN- 16	360 (24)	240(16)	-
CLASS- 150# (AWWA-C504)	305(21)	150(10)	-

NOTE :- ALL DIMENSIONS ARE IN MM. FOR ANY OTHER MOC AND HIGHER SIZE PLEASE REFER TO US. WE RESERVE THE RIGHT TO MAKE CHANGES IN DRAWING DUE TO TECHNICAL UP GRADATION.

DIMENSIONS FOR FACE TO FACE (A) TABLE - 7

VALUE SIZE	200	250	300	350	400	450	500	600	700	750	800	900	1000	1100	1200
AS PER IS/BS	152	165	178	190	216	222	229	267	292	305	318	330	410	440	470
AS PER AWWA	203	203	203	203	203	203	203	203	305	305	305	305	305	305	381

Note :- 1. Flange Dimensions See Table-2

All dimensions are in mm.

CAST STEEL GATE VALVE NON-RISING STEM / RISING STEM

DIMENSIONS TABLE - 1

S I Z E	CLASS-150#					CLASS-300#				CLASS-600#				S I Z E		
	A	S	H (Approx.)		W	A	S	H (Approx.)		W	A	S	H (Approx.)		W	
	Face to Face	Stem Dia.	Non-Rising Stem	Rising Stem (Gate Open)	H/wheel Dia.	Face to Face	Stem Dia.	Rising Stem (Gate Open)	H/wheel Dia.	Face to Face	Stem Dia.	Rising Stem (Gate Open)	H/wheel Dia.			
32	140	15.59	365	-	-	178	15.59	-	-	229	15.59	-	-	32		
40	165	17.17	380	-	160	190	17.17	-	160	241.3	18.77	-	-	40		
50	178	18.77	365	410	200	216	18.77	460	200	292	18.77	470	224	50		
65	190	18.77	380	450	200	241	18.77	500	200	330	21.87	520	250	65		
80	203	21.87	425	515	224	283	21.87	540	224	356	25.40	570	280	80		
100	229	25.40	470	615	250	305	25.40	640	250	432	28.22	700	315	100		
125	254	25.40	485	680	250	381	25.40	705	250	508	28.22	-	315	125		
150	267	28.22	595	810	315	403	31.39	870	355	559	37.62	950	450	150		
200	292	31.39	725	1010	355	419	34.47	1045	400	660	40.77	1260	500	200		
250	330	34.47	835	1190	400	457	37.62	1240	450	787	46.94	1500	630	250		
300	356	37.62	910	1370	450	502	40.77	1425	500	838	50.14	1720	710	300		
350	381	40.77	1020	1540	500	762	43.84	1585	630	889	56.44	1870	800	350		
400	406	43.84	1110	1750	560	838	46.94	1960	630	991	59.44	2060	800	400		
450	432	46.94	1200	1980	630	914	50.14	2155	710	1092	62.74	2290	900	450		
500	457	50.14	1300	2170	630	991	53.24	2350	800	1194	69.14	2510	900	500		
600	508	56.44	1500	2560	710	1143	62.74	2720	900	1397	75.44	2930	900	600		
700	610	62	1670	3210	800	1346	-	3360	1000					700		
750	610	67	1780	-	900	1397	-	3650	1250					750		
800	660	67	1930	3610	900									800		
900	711	77	2080	3970	900									900		
1000	811	77	2200	4390	900									1000		
1100	-	87	2450	-	1000									1100		
1200	-	87	2580	-	1000									1200		

*Note :- For Dimensions of 700NB & above as per MFR'S Standard.

DIMENSIONS TABLE - 2

DIMENSIONS TABLE - 2

S I Z E	FLANGE DRILLING																				
	ASME B16.5 - 2009 CL.-150#							ASME B16.5 - 2009 CL.-300#							ASME B16.5 - 2009 CL.-600#						
	O.D.	THIK.	RF. DIA.	RF. THIK.	P.C.D.	HOLES		O.D.	THIK.	RF. DIA.	RF. THIK.	P.C.D.	HOLES		O.D.	THIK.	RF. DIA.	RF. THIK.	P.C.D.	HOLES	
No.						DIA.	No.						DIA.	No.						DIA.	
25	110	14.7	51	2	79.4	4	15.8	125	17.9	51	2	88.9	4	19	125	24.5	51	7	88.9	4	19
32	115	16.3	64	2	88.9	4	15.8	135	19.5	64	2	98.4	4	19	135	27.7	64	7	98.4	4	19
40	127	17.9	73	2	98.4	4	15.8	155	21.1	73	2	114.3	4	22.2	155	29.3	73	7	114.3	4	22.2
50	150	19.5	92	2	120.7	4	19	165	22.7	92	2	127	8	19	165	32.4	92	7	127	8	19
65	180	21.7	105	2	139.7	4	19	190	25.9	105	2	149.2	8	22.2	190	35.6	105	7	149.2	8	22.2
80	190	24.3	127	2	152.4	4	19	210	29	127	2	168.3	8	22.2	210	38.8	127	7	168.3	8	22.2
100	230	24.3	157	2	190.5	8	19	255	32.2	157	2	200	8	22.2	275	42	157	7	215.9	8	25.4
125	255	24.3	186	2	215.9	8	22.2	280	35.4	186	2	235	8	22.2	330	51.5	186	7	266.7	8	28.6
150	280	25.9	216	2	241.3	8	22.2	320	37	216	2	269.9	12	22.2	355	54.7	216	7	292.1	12	28.6
200	345	29	270	2	298.5	8	22.2	380	41.7	270	2	330.2	12	25.4	420	62.6	270	7	349.2	12	31.8
250	405	30.6	324	2	362	12	25.4	445	48.1	324	2	387.4	16	28.6	510	70.5	324	7	431.8	16	35
300	485	32.2	381	2	431.8	12	25.4	520	51.3	381	2	450.8	16	31.8	560	73.7	381	7	489	20	35
350	535	35.4	413	2	476	12	28.6	585	54.4	413	2	514.4	20	31.8	605	76.9	413	7	527	20	38.1
400	595	37	470	2	539.8	16	28.6	650	57.6	470	2	571.5	20	35	685	83.2	470	7	603.2	20	
450	635	40.1	533	2	577.9	16	31.8	710	60.8	533	2	628.6	24	35	445	89.6	533	7	654	20	44.5
500	700	43.3	584	2	635	20	31.8	775	64	584	2	685.8	24	35	815	95.9	584	7	723.9	24	44.5
600	815	48.1	692	2	749.3	20	35	915	70.3	692	2	812.8	24	41.3	940	108.6	692	7	838.2	24	50.8

DIMENSIONS ARE IN MM.



THE VALVE VALUE

Durga Valves Private Limited

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Unit II: Tulsiberia, Kulgachia, Mahisrekha, Uluberia, Howrah.
WB. Pin 711303. India

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