

Technical Data:

Design and Manufacturing : ISO 13095 | BS EN 593
 Valve Face to Face : Short Wafer As Per ISO 5752-TAB 5
 Dimension : ISO 5752 TAB 5

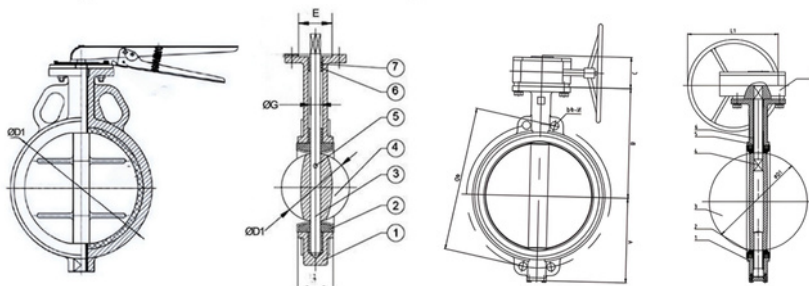
Flange Standard Conformity: ASME B16.5 Class 150 | PN16 | JIS 10K
 Inspection & Testing : BS EN 12266-1 ISO 5211

Applications:

- Water Supply
- Waste Water Treatment
- Air & Gas Supply
- Vacuum Service
- Compressed Air & Gas Services
- Pharmaceuticals

Butterfly Valve Details:

Pressure Rating : PN10 | PN16 | 150psi
 Seat Leakage : Tight Shut Off
 Valve Type : Centric Disc Butterfly Valve
 Body Type : Wafer (Sandwiched Between Flanges)
 Seat Type : Bonded with the Body

**Material Specifications:**

Part No.	Part Name	Material	Standard
1	Body	Ductile Iron	CI IS 210 Gr. FG220 DIN EN 1563 ASTM A536 Gr. 65-45-12 (S.G Iron)
2	Seat	Rubber	NBR/EPDM/HYPLON/VITON
3	Shaft	Stainless Steel	SS304/ SS316/ SS410/ SS416
4	Disc	DI + Bronze	ASTM A536 Gr. 65-45-12 (S.G Iron) ASTM A351 Gr. CF8M ASTM A351 Gr. CF8
5	Pin	Stainless Steel	SS304/ SS316
6	Bushing	Bronze	Bronze/ PTFE
7	O-Ring	Rubber	EPDM/ NBR

Test Pressure		
Testing	Body	Seat
Hydraulics	15kg/cm	10kg/cm
	24kg/gm	16kg/cm

Suitable for				
Steam	Water	Oil	Air	Gases
•	•	•	•	•

Note: It may varies in usage, please consult a Technical Engineer for appropriate materials.

Dimensions:

DN	NPS	Ø D1			Ø D2	L	E	Ø G	&
		PN10	PN16	150LB					
45	1-1/2"	110	110	98.4	70	33	57	Ø 12.6	90°
50	2"	125	125	120.7	73	43	57	Ø 12.6	90°
65	2-1/2"	145	145	139.7	85	46	57	Ø 12.6	90°
80	3"	160	160	152.4	100	46	57	Ø 12.6	90°
100	4"	180	180	190.5	131	52	70	Ø 15.77	90°
125	5"	210	210	215.9	155	56	70	Ø 18.92	90°
150	6"	240	240	241.3	185	56	70	Ø 18.92	90°
200	8"	295	295	298.5	234	60	89	Ø 22.1	90°
250	10"	350	355	362	288	68	89	Ø 28.45	90°
300	12"	400	410	431.8	340	78	108	Ø 31.6	90°
350	14"	460	470	476.3	371	78	108	Ø 31.6	90°
400	16"	515	525	539.8	435	86/102	159	Ø 33.15	90°
450	18"	565	585	577.9	486	104/114	159	Ø 37.95	90°
500	20"	620	650	635	531	130/127	159	Ø 41.15	90°
550	22"	675	710	692.1	600	150	159	Ø 41.15	90°
600	24"	725	770	749.3	650	154	216	Ø 50.65	90°
650	26"	780	790	806.4	715	172	216	Ø 50.65	90°
700	28"	840	840	863.6	770	165	254	Ø 63.35	90°
750	30"	900	900	914.4	815	167	254	Ø 63.35	90°
800	32"	950	950	977.9	901	190	254	Ø 63.35	90°
900	36"	1050	1050	1085.8	973	203	254	Ø 75	22.5°
1000	40"	1160	1170	1200.2	1060	216	254	Ø 85	22.5°
1100	44"	1270	1270	1314.4	1184	251	254	Ø 95	22.5°
1200	48"	1380	1390	1422.4	1320	276/254	298	Ø 105	22.5°

*All dimensions are in millimeter.