



Joshi Jampala



AN ISO 9001 : 2008 COMPANY

Empowering you to control the flow !



Special Purpose Valves
FOR WATER APPLICATION

Special Features

- Rigid and sturdy design with minimum loss of head across the valve
- Compact, light weight, low operating torques result in less wear and tear and longer life
- Eccentric seat geometry results in less wear and tear and longer life
- Self cleaning and non jamming seat design
- Gas tight shut-off

Design Standard

AWWA C 504, BS – 5155, API – 609, IS - 13095

Valve Size

ND – 300 TO ND – 3000 PR Rating – PN-1, PN-6, PN-10

Class

150 #, 300#

Flange Standard

AWWA C207, BS – 5155, ISO – 5752, Drilling Std. as per Customer

End Connection

Double Flange, Wafer Lug type, Butt Ends

Testing Standard

API-598, AWWA 504

Type of Valve

Concentric Double Eccentric, Triple Eccentric.

Drive

Electrical, Manual, Hydraulic

Face to face Dimension

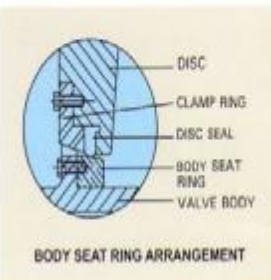
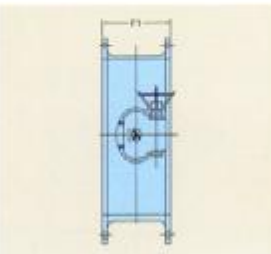
AWWA C 504, BS 5155, and API 609

Material of Construction (Fabricated)

- Valve Body - CS-2062 Gr.B, CS-2002 Gr. 2, SS-304, SS-316
- Disc - CS-2002 Gr. 2, SS-304, SS-316
- Seat Ring - SS-304, SS-316
- Clamp Ring - CS-2062 Gr.B, CS-2002 Gr. 2, SS-304, SS-316
- Shaft - SS-410, SS-316
- Seal - Silicon Rubber, Nitril Rubber, Viton Rubber, SS-304

Material of Construction (Casting)

- Valve Body - CS-ASTM A 515 Gr.70, CS-ASTM A 216 WCB, CS-ASTM A 352 LCB, SS-ASTM A 351 CF8M/CF8
- Disc - SS-ASTM A 351 CF8M/CF8, SS-304
- Seat Ring - SS-304, SS-316
- Seal - Silicon Rubber, Nitril Rubber, Viton Rubber, SS-304 Laminar
- Clamp Ring - SS-304, SS-316
- Shaft - SS-410, SS-316



VALVE ND	FLANGE OD	FLANGE THK	FACE TO FACE DIM.	GB CENTER TO VALVE CENTER	VALVE CENTER TO STUB SHAFT END
300	485	22	203	900	600
350	535	24	203	925	625
400	600	26	203	950	650
450	635	28	203	975	675
500	700	30	203	1000	700
600	815	32	203	1050	750
700	930	34	305	1100	800
750	985	36	305	1125	825
800	1065	40	305	1150	850
900	1170	42	305	1200	900
1000	1290	42	305	1250	950
1200	1515	48	381	1350	1050
1400	1740	58	381	1450	1150
1500	1855	58	457	1500	1200
1600	1945	62	457	1550	1250
1800	2170	68	457	1650	1350
2200	2620	80	590	1850	1550
2400	2850	84	650	1950	1650
2600	3080	84	700	2050	1750
2800	3310	88	760	2150	1850
3000	3535	90	810	2250	1950

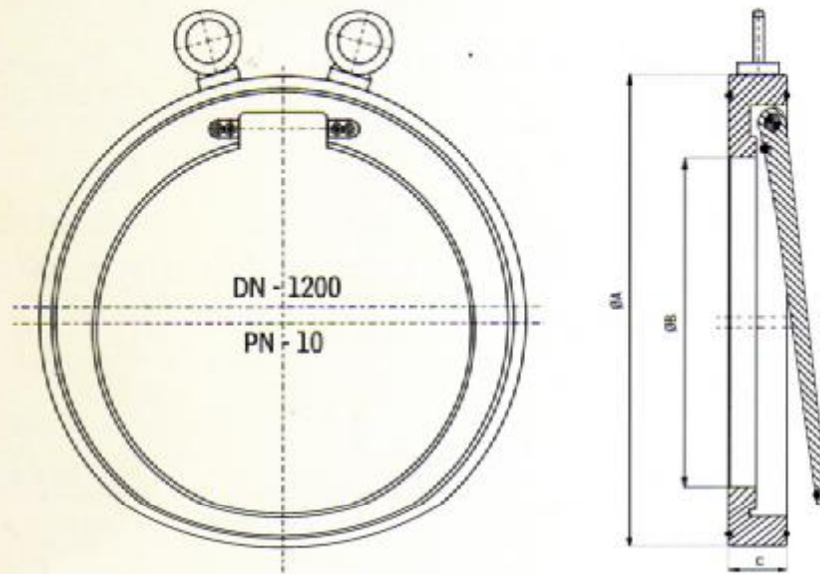
As per AWWA C 207 Class D

OTHER VALVES

- Guillotine Dampers • Butterfly Dampers (Circular, Square, Rectangular) • Slide Gates • Tunnel Dampers •



WAFER CHECK VALVE



SIZE	C	Ø B	Ø A			WEIGHT APPROX
			PN 10	PN 16	# 150	
350	44	270	438	444	448	40
400	51	310	489	495	511.5	55
450	60	360	539	555	546	80
500	64	405	594	617	603	100
600	76	460	695	734	714.5	175
650	83	485	-	-	771	210
700	89	510	810	804	828.5	245
750	102	560	-	-	880	275
800	102	610	917	911	937	305
900	127	700	1017	1011	1045	440
1000	146	770	1124	1128	1159	645
1200	172	965	1341	1342	1381	1080
1400	203	1100	1518	1542	1603	1720
1600	229	1250	1772	1764	-	2660

SR. NO.	PART	MATERIAL
1	BODY	CS SGI WCB CF8 CF8M
2	DISC	CS SGI WCB CF8 CF8M
3	HINGE PIN	410 304 316
4	ALLEN SCREW	410 304 316
5	'O' RING BUSH	BUNA-N / VITON / EPDM
6	'O' RING BODY	BUNA-N / VITON / EPDM
7	HINGE PIN BUSH	BRONZE

CODE	CS	SGI	WCB	CF8	CF8M	410	304	316
MATL. SPECN	IS-2062 B	IS-1885 400/12	A 216 WCB	A 351 CF8	A 351 CF8M	A 276 410	A 276 304	A 276 316

TEST PRESSURES IN bar

RATING	PN - 10
HYD. SHELL	15
HYD. SEAT	11

NOTE: Dimension 'C' Conforms to API - 6D, # 150 short pattern for DN 350 to DN 500
All Dimensions are in mm



Joshi Jampala

AN ISO 9001 : 2008 COMPANY

JOSHIJAMPALA ENGINEERING PVT. LTD.

M 64, Additional M.I.D.C., Satara - 415 004 Maharashtra, India. Tel.: + 91 2162 240097 / 240017

Email : info@joshijampala.com sales@joshijampala.com

website : www.joshijampala.com