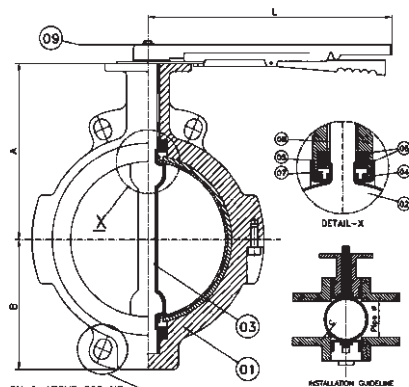




LINED BUTTERFLY VALVE WAFER TYPE

Schematic Representation Only



No.	Description	Moc
1	Wafer Type Body	ASTM A - 216 Gr.WCB
2	Body Liner	FEP / PFA / PTFE
3	Disc With Integral Shaft	CS With S.S. Shaft Encapsulated With FEP / PFA / PTFE
4	Elastomer Backup	Silicon
5	Wedge Ring	PTFE
6	Thrust Washer	S.S.
7	GFT Bush	Glass Filled PTFE
8	Guide Bush	S.S. PTFE Coated
9	Lever Assembly	CS

Body / Disc Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Lining Material Options :

- PTFE – ASTM D 4895-91a
- PFA – ASTM D 3307
- FEP – ASTM D 2116
- ETFE – ASTM D 3159

Technical Specifications :

- Design Standard : BS EN 593:2004 (Formerly BS 5155)
- Drilling : ANSI B16.5 / BS / DIN
- Face to Face : API 609 / DIN 3202 K1 / BS 5155 / ISO 5752 / BS EN 558-1/2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Dimensional Data :

Suitable to Mount Between ANSI #150 / PN10 - 16 Flanges						
SIZE	F/F (±2) (mm)	A (mm)	B (mm)	L (mm)	Min. Pipe Ø* (mm)	C\$ (mm)
DN40-1 1/2"	33	90	65	260	26	1.5
DN50-2"	43	100	67	260	29	1.5
DN65-2 1/2"	46	115	65	260	49	1.5
DN80-3"	46	120	80	260	68	1.5
DN100-4"	52	158	95	260	88	1.5
DN150-6"	58*	190	120	325	145	1.5
DN200-8"	64*	220	162	G.Box	196	3
DN250-10"	70*	250	200	G.Box	245	3
DN300-12"	80*	270	232	G.Box	293	3
DN350-14"	86*	300	255	G.Box	332	3
DN400-16"	102	300	290	G.Box	378	3
DN450-18"	114	395	310	G.Box	430	3
DN500-20"	127	420	342	G.Box	480	3
DN600-24"	156*	510	400	G.Box	572	6

* Smallest Pipe Ø of connecting pipe for Inline Mounting.

\$ 'C' Shows the minimum clearance required between Valve Disc & Pipe ID

♦ per Manufacturer's Standard † As per BS EN 558-2, Table-5, Series-20

Salient Features :

- 'Maintenance Free' High Performance Design
- Bubble Tight Closing provides process efficiency
- Dynamic Live Loaded Seal Design give super safe operation.
- Intact Performance in severe conditions of corrosion, abrasion and temperature fluctuation.

Test & Inspection Data :

- Hydraulic Test # : Seat - 11 Kg/Cm2
- Pneumatic Test# : Seat - 6 Kg/Cm2
- Spark Test : 15 K.V. D.C

Optional Design / Components :

- Anti - Static Clip
- Gear Box / Actuator
- Unlined Disc – Astm A351 Gr.CF8 / CF8M
- Extended Stem Design
- Lug Type Design
- Higher Sizes Available On Request

Testing in accordance with BS EN 12266-1(2003) Table A.3

Seat Test will be provided @1.5 of design pressure.

Design Pressure of 400NB is 5 Kg/cm2 & on and above 450NB is 2 Kg/cm2

Technical Information subject to change without notice

Quality Valves you can rely on, Always.