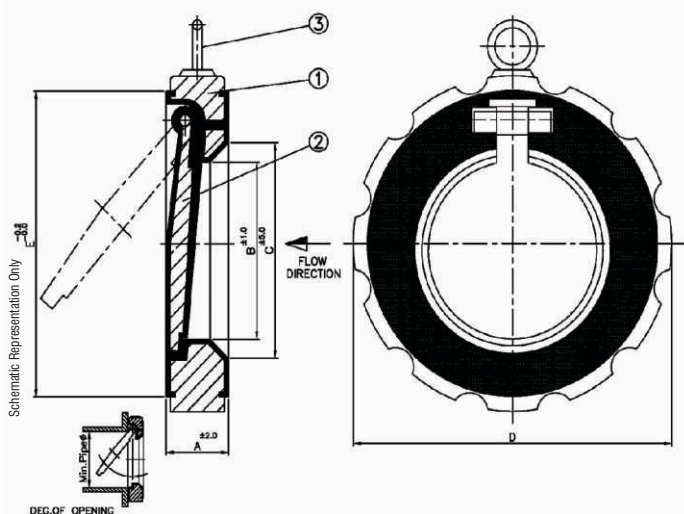




LINED SWING CHECK VALVE (WAFER TYPE)



Technical Specifications :

- Design Standard : BS EN 593:2004 (Formerly BS 5155)
- Flange : As per ANSI B16.5 / B16.42
- Face to Face : ANSI B16.10 / DIN 3202 K1 / BS 5155 /
- ISO 5752 / API 609 / BS EN 558 – 1&2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Dimensional Data :

	SIZE (NB)	A [†] (mm)	B (mm)	C (mm)	D (mm)	E (mm)	InnerPipeØ		Max. Opening
							Min.	Max.	
SUITABLE MOUNT BETWEEN ANSI#150 FLANGES	40	33	20	35	95	70	35	46	52°
	50	43	30	52	110	90	46	56	52°
	80	46	42	64	142	124	73	82	52°
	100	52	65	80	180	152	95	100	60°
	150	56	111	128	233	207	145	150	60°
	200	60	133	175	295	260	192	195	60°
	250	68	184	224	348	317	242	260	52°
	300	78	232	272	398	367	292	310	52°
	350	92	252	297	426	397	315	330	48°
	400	102	327	370	510	470	380	390	45°

* As per BS EN 558 – 2 Table 6, Series-3.

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

Technical Information subject to change without notice

3	EYE BOLT	C.S (ZINC PLATED)	1
2	LINED DISC	DUCTILE IRON GGG40.3 (FEP / PFA / ETFE LINED)	1
1	BODY WITH LINING	Ductile Iron GGG40.3 / ASTM A216 Gr.WCB (FEP / PFA / ETFE LINED)	1
NO.	DESCRIPTION	MOC	QTY

Special Installation Instruction :

Use PTFE Retainer Ring if connecting pipe ID is greater than Max. Inner Pipe Ø mentioned in below table. In such case retainer ring ID shall be equal to max. pipe ID required for respective size.

Lining Material Options :

- PFA – ASTM D 3307, Type II
- FEP – ASTM D 2116, Type IV
- ETFE – ASTM D 3159, Type I, Gr. 1
- PVDF – ASTM D 3322

Salient Features :

- Ideal Replacement to costly high alloy valves.
- No Spring or Pin – No Corrosion or Wear & Tear
- Low Pressure Drop
- Special Liner Locking System to hold liner securely in position.

Test & Inspection Data :

- Hydraulic Test # : Body – 15 Kg/Cm²
Back Seat – 12 Kg/Cm²
- Spark Test : 15 K.V. D.C

Δ P (psi)	Leakage Rate
0 – 40	5.10 cc/min
41 – 74	3.5 cc/min
75 & Above	0 cc/min

Body 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

Optional Design/Components :

- Y TYPE BALL CHECK DESIGN
- HORIZONTAL INSTALLATION KIT
- HIGHER SIZES AVAILABLE ON REQUEST

Quality Valves you can rely on, Always.