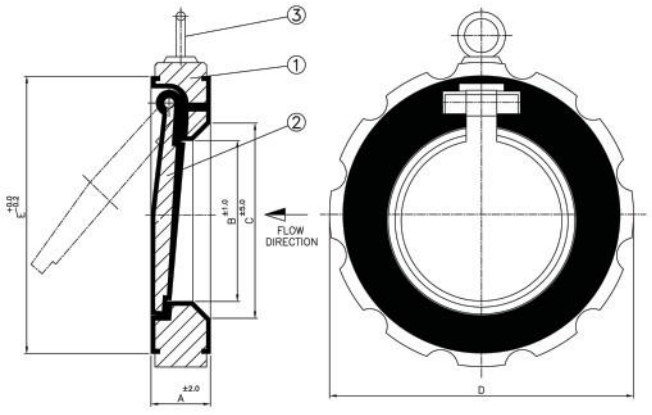
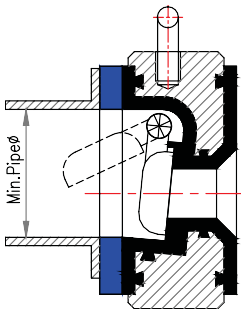
WAFER TYPE SWING CHECK VALVE



NO.	DESCRIPTION	MOC
01	Body With Lining	Ductile Iron GGG40.3 / ASTM A216 Gr.WCB (FEP Lined) †
02	Lined Disc	ASTM A216 Gr.WCB (FEP Lined)†
03	Eye Bolt	SS 304



DEG.OF OPENING

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.

Schematic Representation Only

† Standard Scope of Supply

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

LINING MATERIAL OPTIONS

- PFA - ASTM D 3307
- ANT. PFA - ASTM D 3307
- FEP - ASTM D 2116
- ETFE - ASTM D 3159
- PVDF - ASTM D 3222

TECHNICAL SPECIFICATIONS

- Design Standard : BS EN 593:2015 (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 (2012)

DIMENSIONAL DATA

SUITABLE TO MOUNT BETWEEN ANSI 150# / 300# FLANGES								
SIZE	△† (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Inner Pipe Ø Min.	Inner Pipe Ø Max.	Max. Opening
DN25-1″	33	12	21	62	53	20	27	59°
DN40-1 1/2″	33	20	35	80	70	35	46	52°
DN50-2″	43	30	52	100	92	46	56	52°
DN80-3″	46	48	74	133	127	73	82	52°
DN100-4″	52	65	94	162	152	95	100	60°
DN150-6″	58	112	152	240	211	145	150	60°
DN200-8″	62	133	175	295	258	192	195	60°
DN250-10″	68	189	230	348	320	242	260	52°
DN300-12″	78	232	272	398	367	292	310	52°
DN350-14″	92	252	297	426	397	315	330	48°
DN400-16″	102	327	370	510	470	380	390	45°
DN500-20″	127	386	485	603	585	466	480	45°
DN600-24″	154	448	574	710	685	575	590	45°

† As per BS EN558-2, Series-20
# Testing in accordance with BS EN 12266-1 (2012) Table A.3

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

- Hydrostatic Test# : Body - 15 Kg/Cm²
  Back Seat - 2 Kg/Cm²

△P (psi)	Leakage Rate
0 - 40	5-10 cc/min
41 - 74	3-5 cc/min
75 & Above	0 cc/min

- Spark Test : 15 K.V. D.C Spark Test

OPTIONAL DESIGN/COMPONENTS

- PTFE SOLID RETAINER RING

Technical Information subject to change without notice