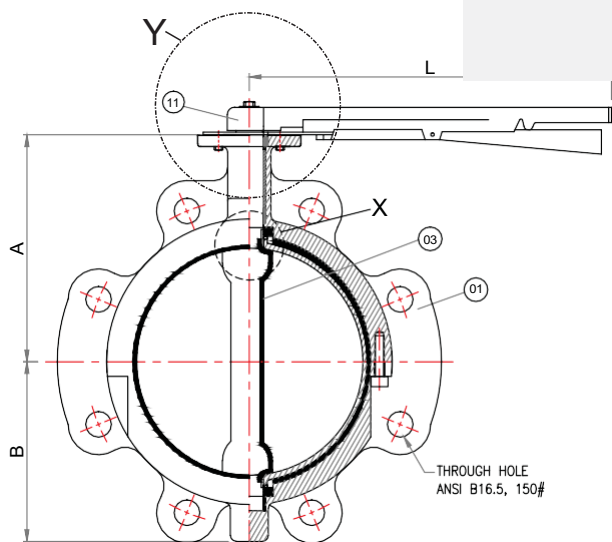
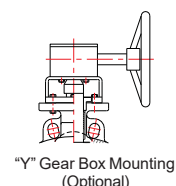
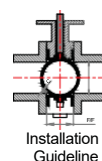
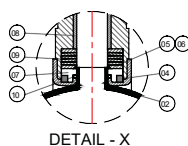


LUG TYPE LINED BUTTERFLY VALVE

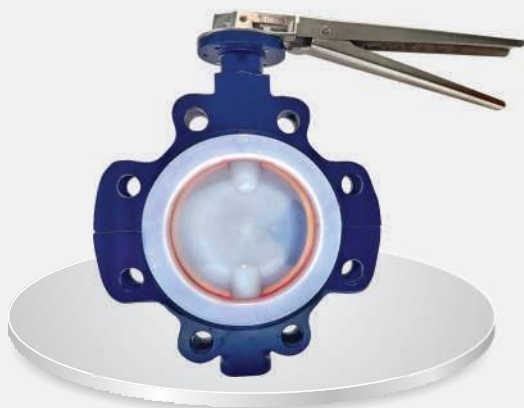


NO.	DESCRIPTION	MOC
01	Lug Type Body	ASTM A216 Gr.WCB†
02	Body Liner	PFA† / PTFE
03	Disc with Shaft	SS 304 Encapsulated With PFA†
04	Elastomer Backup	Silicon
05	Wedge Ring	PTFE
06	Thrust Washer	S.S.
07	Support Bush	TFM / SS PFA LINED / Coated
08	Guide Bush	S.S. PTFE Coated
09	Disc Spring	Spring Steel (Nickel Plated)
10	O Ring	Viton Rubber
11	Lever Assembly	CS (Nickel Plated)



Schematic Representation Only

† Standard Scope of Supply



BODY / DISC MATERIAL OPTIONS

- ☑ 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
- ☑ 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)
- ☑ Drilling : ANSI B16.5 / DIN PN10/16
- ☑ 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 (2012)

SALIENT FEATURES

- ☑ 'Maintenance Free' High Performance Design
- ☑ Bubble Tight Closer provides process efficiency
- ☑ Dynamic Live Loaded Seal Design give super safe operation
- ☑ Intact Performance in severe conditions of corrosion, abrasion and temperature fluctuation.
- ☑ Leakage rate : class VI, zero leakage - tight shut off

TEST & INSPECTION DATA

- ☑ Hydrostatic 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 / CF3M
- ☑ Extended Stem Design
- ☑ Pneumatic / Electric Actuated ON / OFF & Control Valves
- ☑ Limit switch, Solenoid Valve, Positioners - Electro Pneumatic / Smart

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)	Torque [§] (N.m)
DN40-1 1/2"	33	85	65	260	26	1.5	15
DN50-2"	43	100	67	260	29	1.5	30
DN65-2 1/2"	46	115	65	260	49	1.5	40
DN80-3"	46	120	80	260	68	1.5	40
DN100-4"	52	158	95	260	88	1.5	50
DN150-6"	58'	190	120	325	145	1.5	100
DN200-8"	64'	220	162	G.Box	196	3	180
DN250-10"	70'	235	200	G.Box	245	3	250
DN300-12"	80'	270	232	G.Box	293	3	350
DN350-14"	90'	300	255	G.Box	332	3	500
DN400-16"	102	330	290	G.Box	378	3	600
DN450-18"	114	395	310	G.Box	430	3	1200
DN500-20"	127	420	342	G.Box	480	3	1500
DN600-24"	156'	510	400	G.Box	572	6	2000
DN700-28"	165'	635	480	G.Box	695	6.5	Consult

* 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, Series-20

§ Torque measured at ΔP = 11 Bar at Room Temperature in Wet Condition (Test Media - water).

Technical Information subject to change without notice