

BUTTERFLY VALVE

(Wafer Type) PN 16 With Stainless steel Disc

SALIENT FEATURES

- Design Standard IS13095 / BS5155
- Wafer Type. Quarter Turn Lever Operated
- Stainless Steel Disc
- No Visible Leakage
- Body liner (EPDM) will be renewable type for size upto DN150 and body molded type for size DN200 and above
- Compatible to sandwich between flanges as per ISO7005-1 (GB/T 9113)/IS 1538 (B16.5#150)1092-2

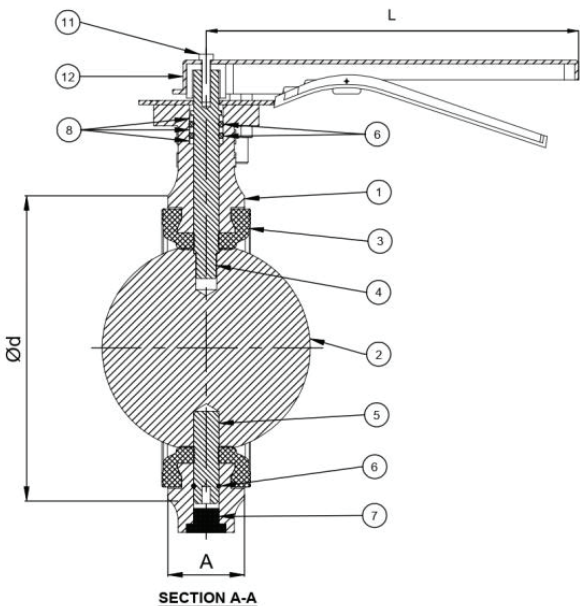
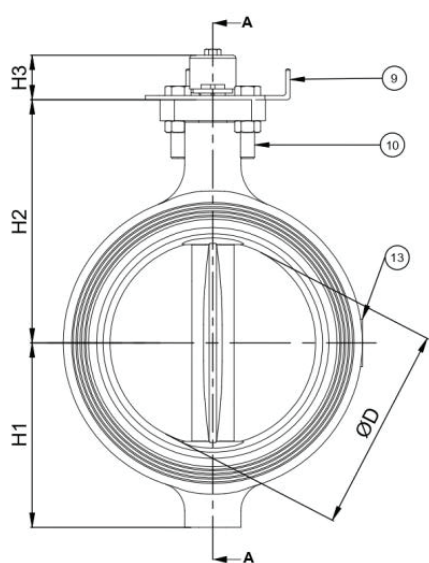


SPECIFICATIONS

Size Range	DN40 - DN300
Body Material	Upto DN250-Cast Iron (IS 210 FG 200), DN300-Ductile Iron (IS 1865 GR.400/15)
Pressure Rating	PN16
Test Pressure (Hydrostatic)	
Shell	24 Bar
Seat	17.6Bar
Maximum Working Temperature	-10°C to 110°C
Maximum Working Pressure	16 Bar
Suitable for	Water

DIMENSIONS (mm)

Valve schematic



MATERIAL OF CONSTRUCTION AND MATERIAL SPECIFICATIONS

PT No.	PART NAME	MATERIAL	SPECIFICATION	QTY.
01	BODY	CAST IRON/DUCTILE IRON	IS:210,Gr. FG200/IS 1865 GR. 400/15	1
02	DISC	STAINLESS STEEL	CF8	1
03	BODY LINING	RUBBER	EPDM	1
04	UPPER STEM	STAINLESS STEEL	ASTM A276 TYPE410	1
05	LOWER STEM	STAINLESS STEEL	ASTM A276 TYPE410	1
06	O-RING	RUBBER	EPDM	3
07	PLUG	MILD STEEL/PTFE	AISI 202	1
08	BUSH	PLASTIC	PTFE	3
09	NOTCH PLATE	MILD STEEL	ASTM A36(POWDER COATED)	1
10	FASTNER	STAINLESS STEEL	ASTM A202	2
11	SCREW	STAINLESS STEEL	ASTM A202	1
12	HANDLEVER	MILD STEEL	ASTM A36(POWDER COATED)	1
13	NAME PLATE	ALUMINIUM	ALUMINIUM	1

OUTSIDE DIMENSIONS (MM)

SIZE	40	50	65	80	100	125	150	200	250	300
MM (INCH)	(1-1/2")	(2")	(2-1/2")	(3")	(4")	(5")	(6")	(8")	(10")	(12")
A±1	34.5	41.5	44.5	44.5	50.5	54.5	54.5	58.5	66.5	76.5
H1±1.5	61	67	74	83	100	119	132	162	216	229
H2±1.5	106	110	118	127	145	161	174	221	285	315
H3±1	28	28	34	34	39	39	39	39	42	42
L±2	175	175	216	216	267	267	267	245	420	420
φD±2	39	52	65.5	80.5	100	122.5	146.5	196	252	300
φd±0.5	83	97	111	128	160	192	213	271	325	376

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