

12, Sardar Bachan Singh Indl. Estate, Sonawala Road,
Opp. Indian Bank, Goregaon (East), Mumbai - 400 063. INDIA.
Cell : 098210 43687 / 97694 43687
Email : flutec1@hotmail.com, sales@flutecvalves.com
Website : www.flutecvalves.com / www.flutecvalves.in

FLUTEC[®] VALVES
Manufacturers of High Pressure Hydraulic Valves

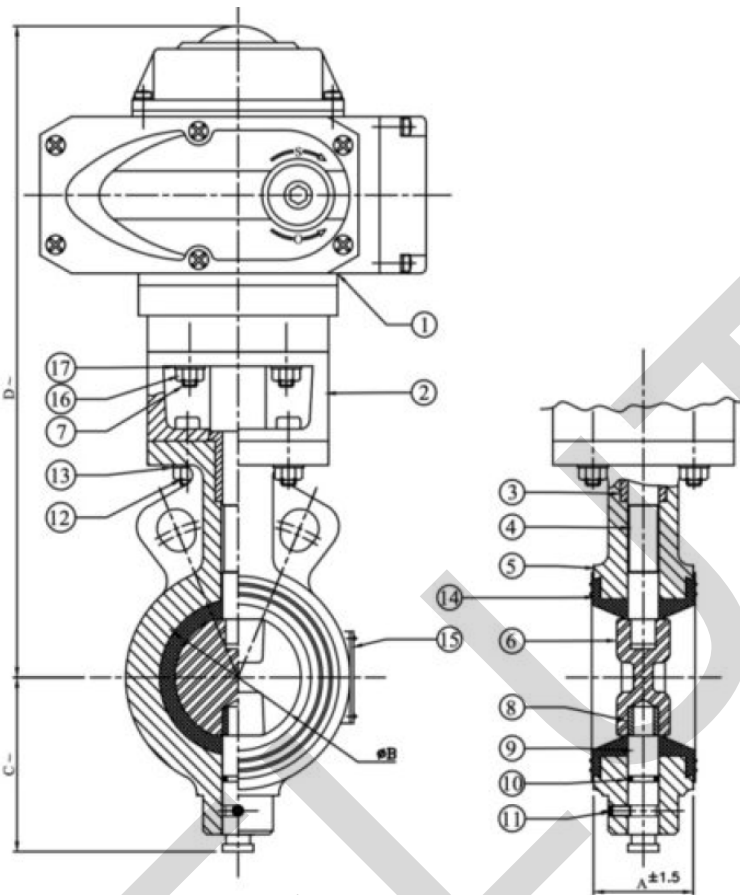
Motorized Butterfly Valves

TECHNICAL DATA:-

Design And Manufacturing : API 609 Category A / IS: 13095 /
BS EN 593
Valve Face To Face Dimension: Short Wafer As Per ISO 5752-TAB 5
/ISO 5752 TAB 5 (API 609-BS 5155)
Flange Standard Conformity : ASME B 16.5 Class 150
Inspection & Testing : API 598 / BS EN 12266-1
ISO 5211

Butterfly Valve Detail:-

Pressure Rating : PN-10 / 16
Seat Leakage : Tight Shut Off
Valve Type : Centric Disc Butterfly Valve
Body Type : Wafer (Sandwiched Between Flanges)
Seat Type : Bonded With The Body



P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Electric Actuator	---	---	1
2	Actuator Base	S.G. Iron	IS 1865 Gr. 400/15	1
3	Packing Bush	Bronze	IS 318 Gr. LTB 2	1
4	Upper Stem	Stainless Steel	IS 6603 Gr. 12 Cr12	1
5	Body	S.G Iron	IS 1865 Gr. 400/15	1
6	Disc	Stainless Steel	IS 3444 Gr. 1 / ASTM A351 Gr. CF8	1
7	Studs for Actuator	Carbon Steel	IS 1367	4
8	Bush	Bronze	IS 318 Gr. LTB 2	1
9	Lower Stem	Stainless Steel	IS 6603 Gr. 12 Cr12	1
10	'O' Ring	Nitrile Rubber	IS 5192 - 1	1
11	L - Key Screw	Carbon Steel	---	1
12	L-Key Bolts & Nuts	Carbon Steel	---	4 Each
13	Locking Washer	Spring Steel	---	4 Each
14	Body Lining	EPDM / Nitrile	IS 5192 - 1	1
15	Name Plate	Aluminium	---	1
16	Nuts	Carbon Steel	IS 1363 Part 3 Class 4.0	4
17	Spring Washer	Spring Steel	---	4

Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	ØB	C ~	D ~
1 1/2	40	33	40.6	57	283
2	50	43	52.4	73	293
2 1/2	65	46	67	80	306
3	80	46	81.3	88	313
4	100	52	101	110	341
5	125	56	127.1	122	342
6	150	56	151	151	370
8	200	60	201.6	180	427
10	250	68	252.2	220	516
12	300	78	301.3	250	540
14	350	86	352	295	610

~ ±10

TEST PRESSURE		
TESTING	BODY	SEAT
HYDRAULIC	15 Kg/Cm ²	10 Kg/Cm ²
	24 Kg/Cm ²	16 Kg/Cm ²

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DRN: KAM.	CHKD:	APPD:	REV	DATE
TITLE: FLUTEC Butterfly Valve				
ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED				
SCALE	DWG.No.	SHEET		
N.T.S		1 OF 1		