WAFER & LUGGED WAFER TYPE

Description:

Widely used in Process and General Industries, Power, Building and Construction and Marine sectors

Special Features :

- Top plate double drilled to fit ISO 5211 dimensions and standard secondary bolt circle dimensions
- Unique centre-lock seat design virtually eliminates any seat movement during the seating and un-seating of the disc
- Unique stem retention system to provide blow-out proof stem and easy assembly and

Constructional Features :

Body

Heavy duty one piece wafer and lugged wafer body designed to withstand specified pressures

Disc

Nylon coated high strength disc with hand polished disc edge and hubs ensures excellent corrosion resistance to several chemical media

Body Seat

Heavy duty square grooved seat design with moulded O-ring seals to serve as flange gasket

Stem

One piece stem with close tolerances double D drive eliminates the need for disc screws or taper pins

Journal Bearing

Heavy duty bearing absorbs the forces acting on the stem/disc assembly due to line pressure

Constructional Features :

Valve Body	Disc	Seat	Stem
Cast Iron	Ductile Iron (Nylon 12 coated)	EPDM	SS 410
Ductile Iron	SS 316		
Carbon steel		Buna N	SS 316
		Viton*	
		Silicone	

WAFER & LUGGED WAFER TYPE

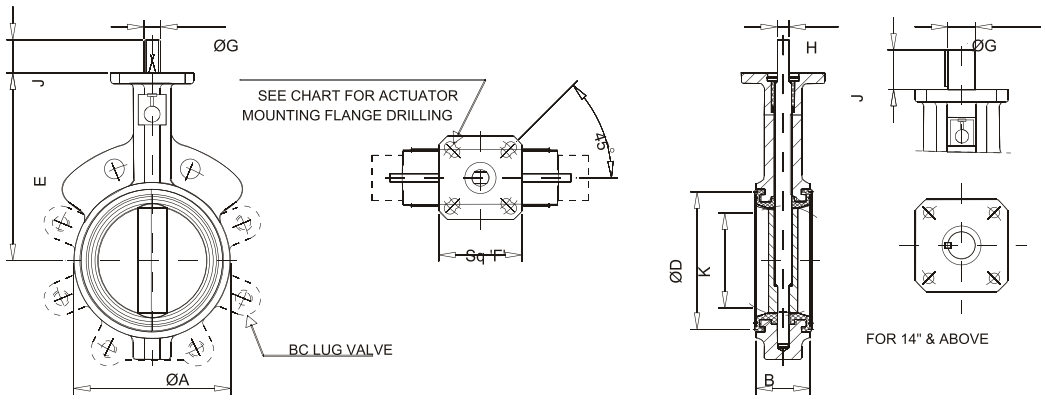
TECHNICAL SPECIFICATIONS:

Design and Manufacturing Standard	:	API 609/ EN 593 (BS 5155)
Testing Standard	:	API 598/ EN 12266-1
Size Range	:	50 mm to 600 mm
Pressure Rating	:	50 mm to 600 mm : PN 10 50 mm to 300 mm : PN 16
Operation	:	Manual Hand Lever (Up to 200 mm) Manual Gearbox (250 mm and above) Electrical and Pneumatic Actuators with accessories and Manual Override
End Connection	:	To suit ANSI # 125 / 150

APPLICATIONS:

Suitable for variety of liquids in Process and General Industry, Water Works, Power Plants, Sewage Plants, Chemical and Petrochemical Plants etc. for tight shut off and flow control

GENERAL DIMENSIONS / MOUNTING DETAILS:



Valve Size		ØA	*B	ØD	E	Sq'F'	Top Plate Drilling			ØG	H	J	Key Size	K	Lug Bolting Data			Weight in Kg.	
Inch	DN						BC	No. of Holes	Hole Dia						BC	No.of Holes	Threads UNC-2B	Wafer (Series 50)	Lug (Series 52)
2	50	91	43	76	140	80	70/82.5	4	10/11	14	10	32	---	33.5	120.7	4	5/8-11	2.30	3.08
2 ½	65	105	46	90	152	80	70/82.5	4	10/11	14	10	32	---	52.1	139.7	4	5/8-11	2.63	3.59
3	80	120	46	106	160	80	70/82.5	4	10/11	14	10	32	---	68.5	152.4	4	5/8-11	3.10	4.05
4	100	150	52	132	180	80	70/82.5	4	10/11	16	11	32	---	91.7	190.5	8	5/8-11	4.93	7.42
5	125	175	56	160	192	80	70/82.5	4	10/11	19	13	32	---	117.3	215.9	8	3/4-10	6.31	9.78
6	150	205	56	187	205	80	70/82.5	4	10/11	19	13	32	---	139.7	241.3	8	3/4-10	7.40	11.50
8	200	259	60	240	241	120	70/125/127	4	10/14/14.3	22	16	32	---	187.6	298.5	8	3/4-10	12.70	17.20
10	250	310	68	292	273	120	125/127	4	14/14.3	30	22	51	---	236.4	362.0	12	7/8-9	20.00	28.00
12	300	364	78	345	311	120	125/127	4	14/14.3	30	22	51	---	282.4	431.8	12	7/8-9	27.60	41.85
14	350	415	78	388	346	120	125/127	4	14/14.3	35	---	51	10x10	328.3	476.2	12	1-8	39.90	55.70
16	400	472	102	442	375	120	125	4	14	35	---	51	10x10	375.8	539.7	16	1-8	59.20	83.60
18	450	525	108	495	406	170	165	4	21	50	---	64	10x12	421.4	577.8	16	1 1/8-7	88.20	108.60
20	500	580	127	548	438	170	165	4	21	50	---	64	10x12	472.6	635.0	20	1 1/8-7	107.40	139.20
24	600	692	154	654	495	Ø210	165	4	21	63.5	---	102	15.88x15.88	572.7	749.3	20	1 1/4-7	175.00	216.40