



AW24/1

WAFLER BUTTERFLY VALVE, BARE STEM

DN50 - DN600 (EPDM)

The Wafer Butterfly Valve is available with various disc and seat material variations to suit a wide range of applications. It should be installed with its shaft horizontal, lower edge of disc opening downstream.

Application:



District heating & cooling, Irrigation, Potable water



Design features

- Polished disc edge for improved concentric sealing and lower torque
- Rubber liner is replaceable and fully isolates body and stem
- O-ring molded in the liner eliminates the need for flange gasket
- Full threaded lugs allows end-of-line installation (rating reduced to 50%)
- Other materials can be supplied on request

Technical Details

Face to Face in accordance to: EN 558-1 Series 20	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN10 & PN16
Working temperature: EPDM maximum +80°C	Connector type: Accordance to EN ISO 5211
Construction complies to: EN 593, BS 5155, EN 12266-1	Coating: 300 µm FBE coating, external and internal
Application: Installation for water, potable water, irrigation & other chemically inert fluids for flow closing	

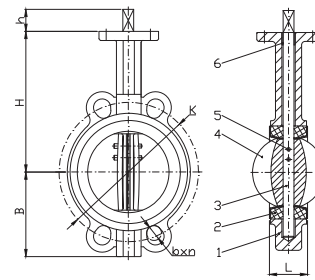




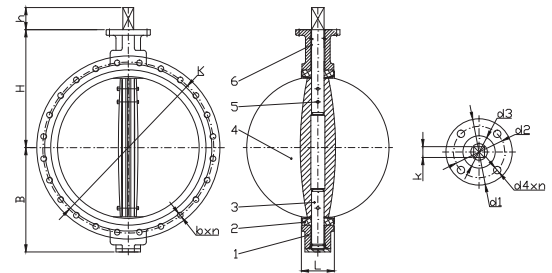
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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Seat	Elastomer EPDM
3	Stem	Duplex Stainless Steel EN2CrNiMoN22-5-3/1.4462/F51
4	Disc	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
5	Pin	Duplex Stainless Steel EN2CrNiMoN22-5-3/1.4462/F51
6	Bushing	Brass

(DN50-DN450)



(DN500-DN600)



Dimension (mm & kg)

DN		50	65	80	100	125	150	200	250	300	350	400	450	500	600
AW24/1	PN10	BB0687	BB0688	BB0689	BB0690	BB0691	BB0692	BB0701	BB0702	BB0703	BB0704	BB0705	BB0706	BB0707	BB0708
	BB0693							BB0694	BB0695	BB0696	BB0697	BB0698	BB0699	BB0700	
L		46	49	49	55	59	59	64	72	81	79	106	119	135	156
H		141	154	161	178	191	206	240	270	308	372	387	422	465	562
h		32	32	32	32	32	32	45	45	45	45	51	51	64	70
B		80	89	105	106	127	139	175	203	242	270	297	328	390	459
K PN16/PN10		125	145	160	180	210	240	295	355/350	410/400	470/460	525/515	585/565	650/620	770/725
b x n PN16/PN10		19×4	19×4	19×8	19×4	19×4	23×4	23×4	28×4/ 23×4	28×4/ 23×4	28×4/ 23×4	31×4/ 28×4	31×4/ 28×4	34×20/ 28×20	37×20/ 31×20
d1		65	65	65	90	90	90	125	125	125	125	175	175	175	210
d2		50	50	50	70	70	70	102	102	102	102	140	140	140	165
d3		35	35	35	55	55	55	70	70	70	70	100	100	100	130
k		9	9	9	11	14	14	17	22	22	22	27	27	27	36
d4 x m		7×4	7×4	7×4	10×4	10×4	10×4	12×4	12×4	12×4	12×4	18×4	18×4	18×4	22×4
ISO5211		F05	F05	F05	F07	F07	F07	F10	F10	F10	F10	F14	F14	F14	F16
Closing torque [Nm] PN16/PN10		45/40	50/45	60/54	70/63	80/72	95/85	150/ 135	200/ 180	600/ 540	750/ 675	1400/ 1260	1600/ 1440	2000/ 1800	2500/ 2250
MAST [Nm] PN16/ PN10		63/56	70/63	84/76	98/88	112/ 101	133/ 119	210/ 189	280/ 252	840/ 756	1050/ 945	1960/ 1764	2240/ 2016	2800/ 2520	3500/ 3150
Weight [kg]		2	2,4	2,9	4,1	5,5	6,3	11,6	17,1	25,6	36,2	68	86	111	183