



AW26/10

FLANGED BUTTERFLY VALVE, BARE STEM (PINLESS)

DN50 - DN600 (EPDM)

The Flanged Butterfly Valve has been developed in consultation with end users and large utilities to provide an advanced seal tight valve.

Application:



District heating & cooling, Irrigation, Potable water



Design features

- High-grade materials for fully rated construction
- Bonded liner in EPDM fully isolates body and stem from the process fluid
- O-ring molded in the liner eliminates the need for flange gasket
- Bonded liner provides primary seals for top and bottom shaft sealing

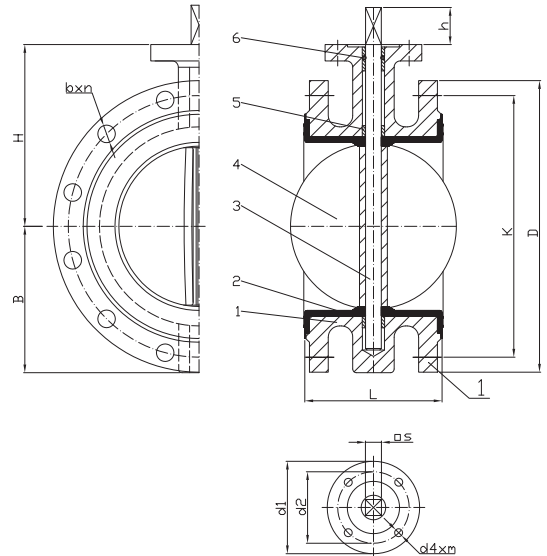
Technical Details

Face to Face in accordance to: DIN 3202-1 (EN 558-1 Series 13)	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN10 & PN16
Working temperature: EPDM maximum +90°C NBR maximum +90°C on request	Connector type: Accordance to EN ISO 5211
Construction complies to: EN 593 (DIN 3354)	Coating: 300 µm FBE coating, external and internal



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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Seat	Elastomer EPDM
3	Shaft	Duplex Stainless Steel EN2CrNiMoN22-5-3/1.4462/F51
4	Disc	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
5	Bushing	Teflon PTFE
6	O-ring Seal	Elastomer NBR



Dimension (mm & kg)

DN		50	65	80	100	125	150	200	250	300	350	400	450	500	600
AW26/10	PN10	BB0719	BB0720	BB0721	BB0722	BB0723	BB0724	BB0733	BB0734	BB0735	BB0736	BB0737	BB0738	BB0739	BB0740
	PN16							BB0725	BB0726	BB0727	BB0728	BB0729	BB0730	BB0731	BB0732
L		111	115	117	127	140	140	152	165	178	190	216	222	229	267
H		126	132	146	155	170	192	205	237	280	311	338	377	432	562
B		83	93	100	114	125	143	172	202	230	268	313	350	380	450
h		32	32	32	32	32	32	45	45	45	45	51	51	64	70
A		52.6	64.5	78.8	104	123.3	155.6	202.5	250.5	301.6	333.3	389.6	440.5	491.6	592.5
D PN16 / PN10		165	185	200	220	250	285	340	405/395	460/445	520/505	580/565	640/615	715/670	840/780
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	19×8	19×8	23×8	23×12 / 23×8	28×12 / 23×12	28×12 / 23×12	28×16 / 23×16	31×16 / 28×16	31×20 / 28×20	34×20 / 28×20	37×20 / 30×20
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
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
□S		9	9	9	11	14	14	17	22	22	22	27	27	27	36
ISO 5211		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	98/83	112/101	133/119	210/189	280/252	840/756	1050/ 945	1960/ 1764	2240/ 2016	2800/ 2520	3500/ 3150
Weight (kg)		6.5	8.5	10	11	13	18.1	28.9	42	54	74	107	125	167	243