



AW26/11

FLANGED BUTTERFLY VALVE, BARE STEM (PINLESS)

DN700 - DN2000 (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

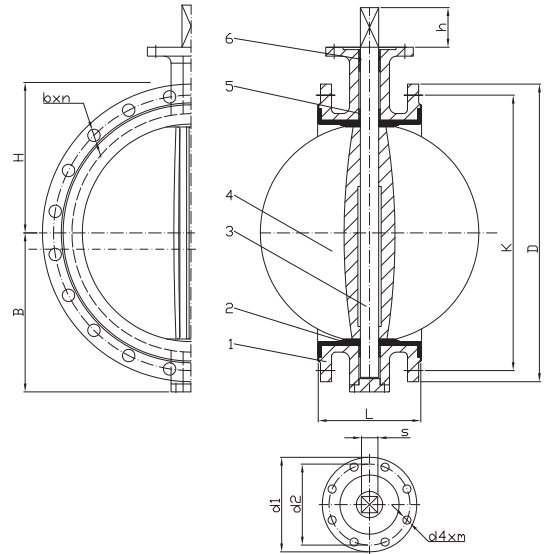
Face to Face in accordance to: DIN 3202-1 (EN 558-1 Series 13)	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN10 & PN16 ANSI B16.5 CLASS 150
Working temperature: EPDM maximum +90°C NBR maximum +90°C on request	Connector type: Accordance to EN ISO 5211
Construction 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		700	800	900	1000	1200	1400	1600	1800	2000
AW26/11	PN10	BB0750	BB0751	BB0752	BB0753	BB0754	BB0755	BB0756	BB0757	BB0758
	PN16	BB0741	BB0742	BB0743	BB0744	BB0745	BB0746	BB0747	BB0748	BB0749
L		299	325	337	417	478	540	610	682	772
H		550	622	660	718	916	1015	1150	1200	1363
B		478	562	584	657	825	930	1050	1156	1356
h		66	66	118	142	150	200	250	250	250
A		695	794,7	864,7	965	1159	-	-	-	-
D PN16 / PN10		910/895	1025/1015	1125/1115	1255/1230	1485/1455	1685/1675	1930/1915	2130/2115	2345/2325
K PN16 / PN10		840	950	1050	1170/1160	1390/1380	1590	1820	2020	2230
b x n PN16 / PN10		37×24 / 30×24	41×24 / 34×24	41×28 / 34×28	44×28 / 36×28	50×32 / 41×32	50×36 / 44×36	56×40 / 50×40	56×44 / 50×44	62×48 / 50×48
d1		300	300	300	300	350	415	415	475	560
d2		254	254	254	254	298	356	356	406	483
d4 x m		18×8	18×8	18×8	18×8	22×8	33×8	39×8	39×8	39×12
□s		46	46	55	55	55	90	95	110	120
ISO 5211		F25	F25	F25	F25	F30	F35	F35	F40	F48
Closing torque [Nm] PN16/PN10		4000/3600	5000/4500	6000/5400	11000/9900	18000/16200	40000/ 33000	63000/ 50000	85000/ 63000	12000/ 85000
MAST [Nm] PN16/PN10		5600/5040	7000/6300	8400/5400	15400/13860	25200/22680	56000/ 46200	88200/ 70000	119000/ 88200	168000/ 119000
Weight (kg)		310	443	544	771	1127	-	-	-	-