



AW29/11 **FLANGED DOUBLE ECCENTRIC BUTTERFLY VALVE, BARE STEM**

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
- Sealing surface of body with additional overlay made of stainless steel
- All parts are protected against corrosion
- Executions with: mechanical, electric, pneumatic drive possibility

Technical Details

Face to Face in accordance to:
DIN 3202-1 F4 (EN 558-1 Series 14)

Certification:
WRAS

Maximum Working Pressure PFA:
16 bar / PN16

Construction complies to:
EN 593 (DIN 3354)

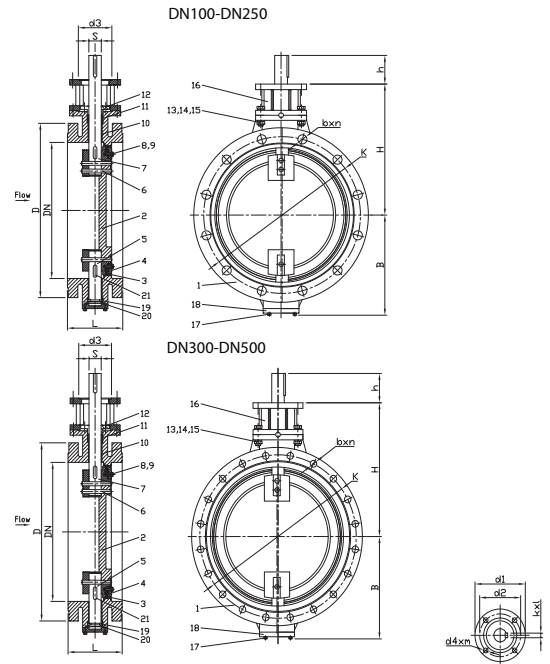
Working temperature:
Maximum +90°C

Flange Type:
EN 1092-2 PN10 & PN16

Coating:
300 µm FBE coating, external and internal



No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7+Stainless Steel 316
2	Disc	Ductile Iron EN-GJS-500-7
3	Seat	Elastomer EPDM
4	Retaining Ring	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
5	Trunnion Shaft	Duplex Stainless Steel F51
6	Pin	Duplex Stainless Steel F51
7	Shaft	Duplex Stainless Steel F51
8	Washers	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
9	Bolts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
10	Bushing	PTFE
11	Packing O-ring	Elastomer EPDM
12	Gland Cover	Ductile Iron EN-GJS-500-7
13	Nuts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
14	Washers	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
15	Bolts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
16	Yoke	Ductile Iron EN-GJS-500-7
17	Bolts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
18	Bottom Cover	Ductile Iron EN-GJS-500-7
19	Bearing Ring	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
20	O-ring	Elastomer EPDM
21	Parallel Key	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316



Dimension (mm & kg)

DN		100	125	150	200	250	300	350	400	450	500
AW29/11	PN10	BB0462	BB0463	BB0464	BB0465	BB0467	BB0469	BB0471	BB0473	BB0475	BB0477
	PN16				BB0466	BB0468	BB0470	BB0472	BB0474	BB0476	BB0478
L		190	200	210	230	250	270	290	310	330	350
B		125	160	168	220	224	224	283	312	344	381
H		347	380	444	477	565	690	715	763	786	882
h		39	47	47	47	50	50	50	50	50	70
D PN16 / PN10		220	250	285	340	400	455	520 / 505	580 / 565	640 / 615	715 / 670
K PN16 / PN10		180	210	240	295	355 / 350	410 / 400	470 / 460	525 / 515	585 / 565	650 / 620
b x n PN16 / PN10		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
s		16	20	20	25	30	34	40	45	45	52
d1		90	125	125	125	175	210	210	210	210	210
d2		70	102	102	102	140	165	165	165	165	165
d3		55	70	70	70	100	130	130	130	130	130
d4 x m		10×4	12×4	12×4	12×4	18×4	22×4	22×4	22×4	22×4	22×4
k x l		30×5×1	35×6×1	35×6×1	35×8×1	45×8×1	45×10×1	45×12×1	45×14×1	45×14×1	60×16×1
ISO 5211		F07	F10	F10	F10	F14	F16	F16	F16	F16	F16
Closing torque [Nm]		160	185	234	338	390	1040	1560	1840	2630	3640
MAST Value [Nm]		216	380	380	534	880	1540	1960	3640	3640	5540
Weight [kg]		18	25	30	44	64	101	120	163	200	256