



AW29/12 **FLANGED DOUBLE ECCENTRIC BUTTERFLY VALVE, BARE STEM**

DN600 - 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

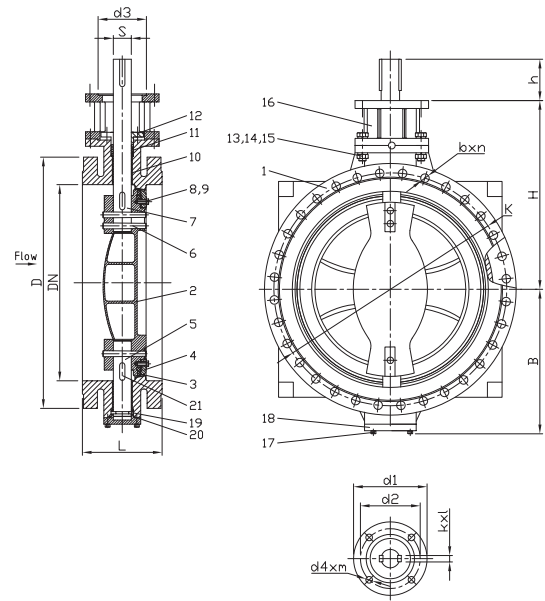
Face to Face in accordance to: DIN 3202-1 F4 (EN 558-1 Series 14)	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Construction complies to: EN 593 (DIN 3354)
Working temperature: Maximum +90°C	Flange Type: EN 1092-2 PN10 & PN16
Coating: 300 µm FBE coating, external and internal	





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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		600	700	750*	800	900	1000	1100	1200	1400	1500	1600	1800	2000
AW29/12	PN10	BB0479	BB0481	BB0640	BB0483	BB0485	BB0487	BB0489	BB0491	BB0493	BB0626	BB0495	BB0497	BB0499
	PN16	BB0459	BB0482		BB0484	BB0486	BB0488	BB0490	BB0492	BB0494	BB0627	BB0496	BB0498	BB0500
L		390	430	450	470	510	550	550	630	710	600	790	870	950
B		451	526	540	581	643	722	710	840	950	1005	1100	1200	1300
H		987	1048	772	1097	1197	1273	1189	1484	1160	1240	1300	1400	1500
h		90	90	80	100	100	146	146	146	200	200	250	250	250
D PN16 / PN10		840 / 780	910 / 895	995	1025 / 1015	1125 / 1115	1255 / 1230	1355 / 1340	1485 / 1455	1685 / 1675	1820 / 1785	1930 / 1915	2130 / 2115	2345 / 2325
K PN16 / PN10		770 / 725	840	914,4	950	1050	1170 / 1160	1270	1390 / 1380	1590	1710 / 1700	1820	2020	2230
b x n PN16 / PN10		37×20 / 31×20	37×24 / 31×24	35×28	41×24 / 34×24	41×28 / 34×28	44×28 / 37×28	44×32 / 37×32	50×32 / 41×32	50×36 / 44×36	50×36 / 44×36	56×40 / 50×40	56×44 / 50×44	62×48 / 50×48
s		55	65	65	70	80	92	92	100	130	130	160	180	180
d1		300	300	300	300	300	350	350	350	415	415	475	560	650
d2		254	254	254	254	254	298	298	298	356	356	406	483	590
d3		200	200	200	200	200	230	230	230	260	260	300	370	490
d4 x m		18x8	18x8	18x8	18x8	18x8	22x8	22x8	22x8	33x8	33x8	39x8	39x12	39x12
k x l		70×16×2	70×18×2	70×18×2	80×20×2	80×22×2	130×25×2	130×25×2	130×28×2	32×180×2	32×180×2	40×230×2	45×230×2	45×230×2
ISO 5211		F25	F25	F25	F25	F25	F30	F30	F30	F35	F35	F40	F48	-
Closing torque [Nm]		4550	6240	7020	7800	9750	15600	20000	23400	40000	50000	63000	85000	120000
MAST Value [Nm]		7150	12240		14800	23750	41600	41600	43400	82000		113000	185000	185000
Weight [kg]		393	483	515	613	800	1048	1325	1705	2800	3550	4260	5200	6150

* ANSI B16.5 CLASS 150