



AW29/21 **FLANGED DOUBLE ECCENTRIC BUTTERFLY VALVE, BARE STEM**

DN500 - DN1200 (EPDM)

The Flanged Double Eccentric Butterfly Valve has been developed in consultation with end-users and large utilities to provide a 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

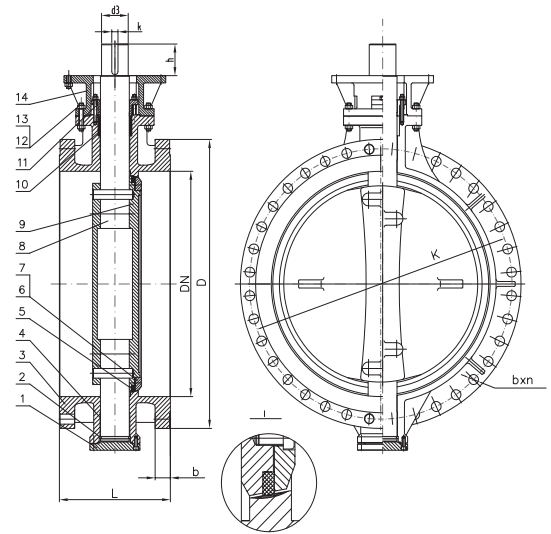
Face to Face in accordance to: DIN 3202-1 F4 (EN 558-1 Series 14)	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Construction complies to: EN 593 (DIN 3354)
Working temperature: Maximum +90°C	Flange Type: EN 1092-2 PN16 - Flange PN10 available for request
Coating: 300 µm FBE coating,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





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No	Part Name	Material
1	End Cover	WCB
2	Plate	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
3	Body	Ductile Iron
4	Bushing	Brass
5	Disc Sealing	EPDM
6	Disc Retainer Ring	Stainless Steel 316Ti
7	Bolts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
8	Stem	Duplex Stainless Steel 1.4462
9	Disc	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
10	Packing	Graphite
11	Packing	WCB
12	Bolts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
13	Nuts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
14	York	WCB



Dimension (mm & kg)

DN		500	600	700	800	900	1000	1200
AW29/21	PN16	BB0710	BB0711	B0712	B0713	B0714	B0715	B0716
L		229	267	292	318	33	410	470
b		36	38	42	42	44	46	52
h		70	90	100	100	120	120	120
K		610	725	795	900	1000	1170	1330
b x n		33×20	36×20	36×24	39×24	39×28	42×28	48×32
D		715	840	910	1025	1125	1255	1485
d3		48	60	70	80	90	90	100
k		14×2	16×2	18×2	20×2	22×2	28×2	28×2
ISO 5211		F16	F25	F25	F25	F30	F30	F30
Closing torque [Nm]		3500	5000	8000	10000	12000	20000	25000
MAST [Nm]		12600	7000	11200	14000	16800	28000	35000
Weight kg		230	330	420	550	680	900	1400