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FLANGED DOUBLE ECCENTRIC BUTTERFLY VALVE DRY SHAFT BARE STEM

DN200 - 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

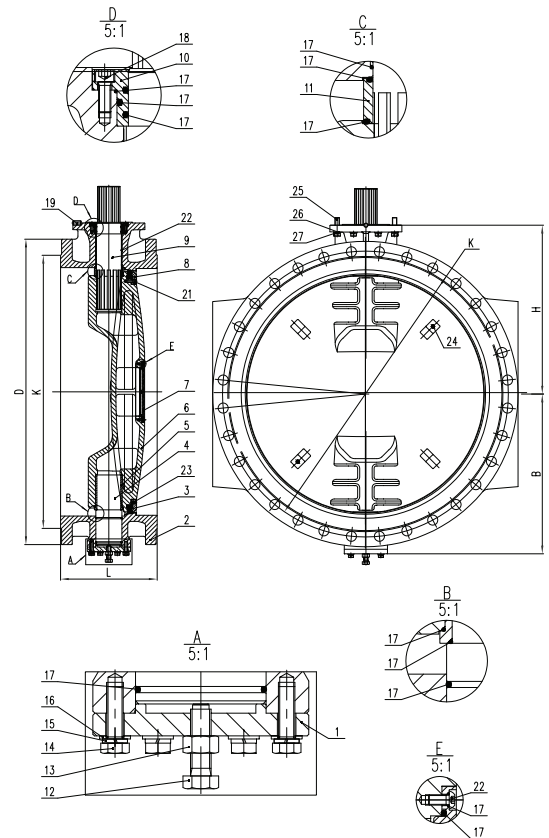
Face to Face in accordance to: DIN 3202-1 F4 (EN 558-1 Series 14)	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Construction complies to: EN 593 (DIN 3354)
Working temperature: Maximum +80°C	Flange Type: EN 1092-2 PN16 - Flange PN10 available for request
Test standard: Accordance to EN 12226-1	Coating: 300 µm FBE coating, external and internal





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No	Part Name	Material
1	Bonnet Cover	Ductile Iron EN-GJS-500-7
2	Body	Ductile Iron EN-GJS-500-7
3	Rubber Ring	EPDM
4	Lower Shaft	Duplex Stainless Steel
5	Lower Bearing	Al-Bronze
6	Disc	Ductile Iron EN-GJS-500-7
7	Cover	Ductile Iron EN-GJS-500-7
8	Press Ring	Ductile Iron EN-GJS-500-7
9	Upper Shaft	Duplex Stainless Steel
10	Sealing Sleeve I	Brass
11	Sealing Sleeve II	Brass
12	Bolt	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
13	Nut	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
14	Bolt	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
15	Spring Washer	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
16	Flat Washer	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
17	O-Ring	NBR
18	Hexagon Screws	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
19	Pin	Steel
20	Upper Bearing	Self Lubricating PTFE
21	Hexagon Screw	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
22	Hexagon Flate Screw	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
23	Hexagon Set Screw	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
24	Bolt	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
25	Hexagon Set Screw	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
26	Spring Washer	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
27	Flat Washer	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316



Dimension (mm & kg)

DN		200	250	300	350	400	450	500	600	700	800	900	1000	1200
AW29/22	PN16	BB1027	BB1028	BB1029	BB1030	BB1031	BB1032	BB1033	BB1034	BB1035	BB1036	BB1037	BB1038	BB1039
	PN10	BB1040	BB1041	BB1042	BB1043	BB1044	BB1045	BB1046	BB1047	BB1048	BB1049	BB1050	BB1051	BB1052
L		230	250	270	290	310	330	350	370	400	470	510	550	620
B		191	216	241	265	308	336	357	419	494	536	617	648	777
H		200	225	267	308	345	370	400	460	550	590	639	697	821
K		295	355	410	470	525	585	650	770	840	950	1050	1170	1390
b x n		23×12	28×12	28×12	28×16	31×16	31×20	34×20	37×20	37×24	40×24	40×28	43×28	49×32
D		340	405	460	520	580	640	715	840	910	1025	1125	1255	1485
ISO 5211		F10	F10	F12	F12	F14	F14	F16	F16	F20	F25	F25	F25	F30
Closing torque [Nm]		450	750	990	1300	1850	2600	3500	5080	7500	9800	13600	16500	26500
MAST [Nm]		1351	1351	1899	2839	4042	6410	6410	12170	20627	28396	28396	42566	67396
Weight kg		45.9	59.5	83.5	107.9	152.9	176.9	272.3	350.6	406.9	576.4	776.5	1106.5	1698.6