

BUTTERFLY VALVE DUPLEX 316L

with seat in stainless steel AISI 316L, gearbox and Auma electric actuator
DN 150 - 1100 PN10/16

11.800A



Product description

- Butterfly valve series DUPLEX 316L with seat in stainless steel, gearbox and Auma electric actuator for waste water
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 1074 parte 1 & 2 and EN 593
- Flange drilling to EN 1092-2 PN10/16
- Face-to-face according to EN 558 table 2 series 14
- ISO top flange according to ISO 5210
- Auma Norm multi-turn electric actuators with enclosure IP68 according to EN 60529

Tests

All valves are individually hydrostatically tested according to EN 1074-1/2 and EN 12266:

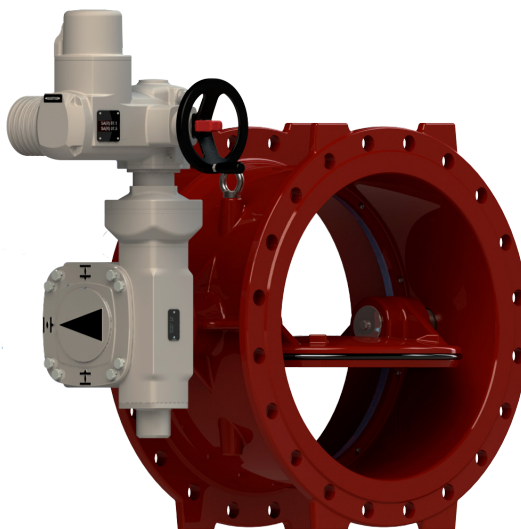
- Seal 1.1 x PN (in bar); Body: 1.5 x PN (in bar)

Corrosion protection

- Epoxy powder coating RAL 3011
- Applied internal and external with a minimum coating thickness of 250 µm
- Fusion bonded epoxy coating according DIN 3476-1, EN 14901-1 and GSK (RAL-GZ662) guidelines

Features

- Isolation and flow regulation valve approved for waste water
- Double eccentricity valve and bidirectional sealing allowing a perfect seal on both flow directions
- Body with integrated seat in ductile cast iron EN-GJS-500-7
- Body seat in stainless steel AISI 316L
- Shafts in stainless steel AISI 316L bronze covering
- Easy O-rings replacement
- Inovator shutter stability system which impedes its transversal displacement thus guaranteeing a permanent sealing
- Equipped with gearbox IP68 and electric actuator Auma Norm correctly adjusted in the factory, in the opening and closing positions, which guarantee its correct functioning
- Gearbox with worm-gear which blocks the shutter in any position, thus impeding that the impact of the flow changes its position
- Auma Norm electric actuator multi-turn SA with three-phase AC motors (3PH - 400V - 50Hz - IP68)
- On request possibility of actuator Auma Norm single phrase, Auma Matic, Aumatic or others.



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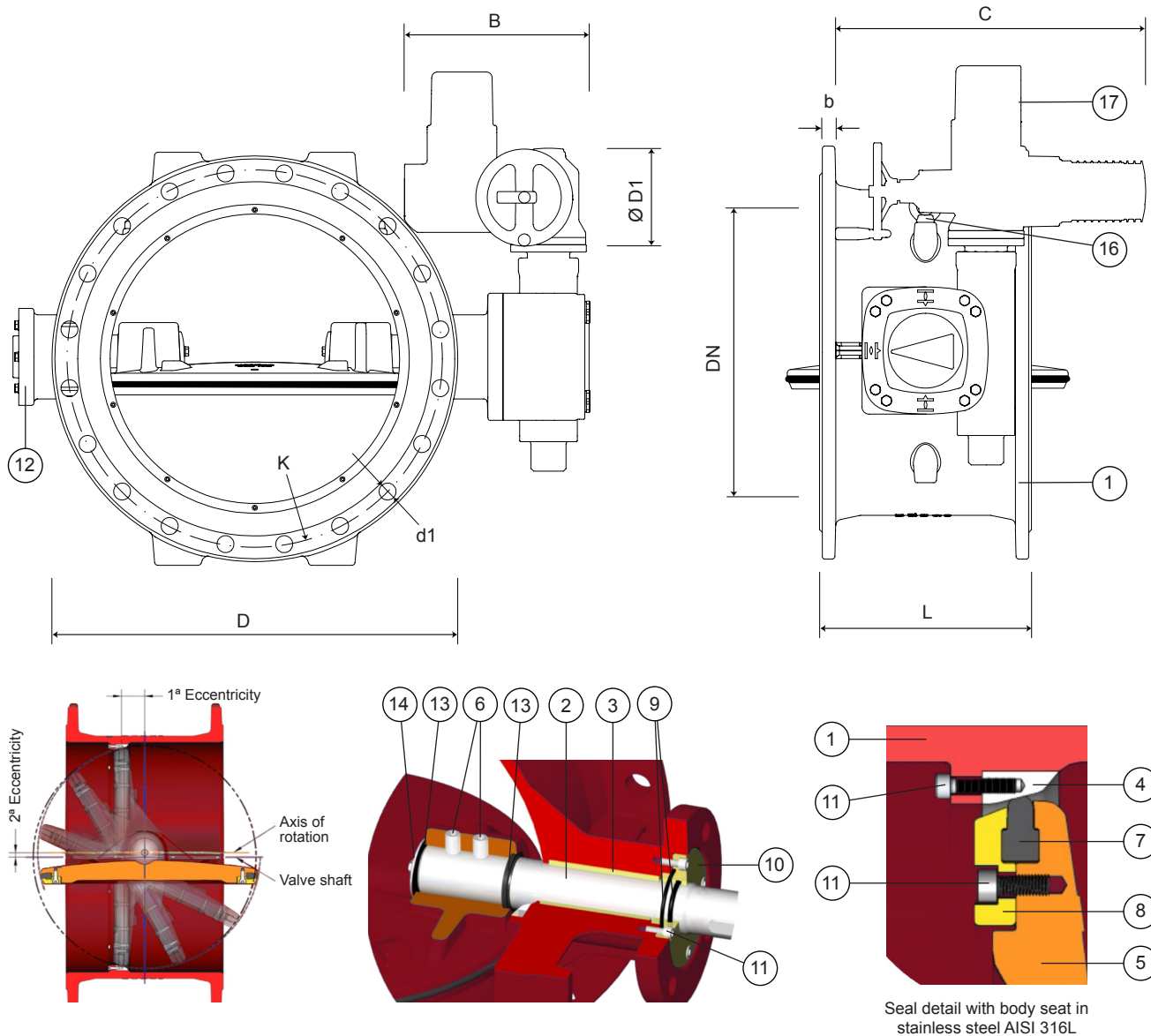
Being one of the main objectives of our company the development and satisfaction of our customers, we reserve the right to update, change or replace the specifications presented without prior notice.

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Component list

pos.	components	material	standard
1	Body	Ductile iron EN-GJS-500-7	EN 1563
2	Shafts	Stainless steel AISI 316L	EN 10088 - 1
3	Shafts bushing	Bronze	EN 1982
4	Body seat	Stainless steel AISI 316L	EN 10088 - 1
5	Obturator	Ductile iron EN-GJS-500-7	EN 1563
6	Stud	Stainless steel A2	EN 10088 - 1
7	Obturator sealing	Elastomer NBR	EN 681 - 1
8	Seal tightening ring	Ductile iron EN-GJS-500-7	EN 1563
9	O-rings	Elastomer NBR	EN 681 - 1
10	Locking ring O-ring	Bronze	EN 1982
11	Bolts	Stainless steel A2	EN 10088 - 1
12	Side bonnet	Ductile iron EN-GJS-500-7	EN 1563
13	Shafts sealing	Elastomer NBR	EN 681 - 1
14	Shafts washer	Stainless steel AISI 316L	EN 10088 - 1
15	Gearbox	-	-
16	Lifting eyes	Steel zinc plated	-
17	AUMA electric actuator	-	-

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Reference and dimensions

DN	PN	code	D	L	K	n° x d1	b	AUMA atuator	B	C	Ø D1	RPM atuator	closed time s.	Kg approx.
			mm	mm	mm	mm	mm		mm	mm	mm			
150	10/16	10777305A	285	210	240	8 x 23	19	SA 7.6	300	514	160	22	35	58
200	10	10777310A	340	230	295	8 x 23	20	SA 7.6	300	514	160	22	35	69
200	16	10777315A	340	230	295	12 x 23	20	SA 7.6	300	514	160	22	35	94
250	10	10777320A	400	250	350	12 x 23	22	SA 7.6	300	514	160	16	48	97
250	16	10777325A	400	250	355	12 x 28	22	SA 7.6	300	514	160	16	48	98
300	10	10777330A	455	270	400	12 x 23	24.5	SA 7.6	300	514	160	16	48	115
300	16	10777335A	455	270	410	12 x 28	24.5	SA 7.6	300	514	160	16	48	115
350	10	10777340A	505	290	460	16 x 23	24.5	SA 7.6	300	514	160	16	50	150
350	16	10777345A	520	290	470	16 x 28	26.5	SA 10.2	313	537	200	16	50	162
400	10	10777350A	565	310	515	16 x 28	24.5	SA 7.6	300	514	160	16	50	171
400	16	10777355A	580	310	525	16 x 31	28	SA 10.2	313	537	200	16	50	184
450	10	10777360A	615	330	565	20 x 28	25.5	SA 7.6	300	514	160	32	98	226
450	16	10777365A	640	330	585	20 x 31	30	SA 7.6	300	514	160	32	98	248
500	10	10777370A	670	350	620	20 x 28	26.5	SA 7.6	300	514	160	32	98	260
500	16	10777375A	715	350	650	20 x 34	31.5	SA 7.6	300	514	160	32	98	285
600	10	10777380A	780	390	725	20 x 31	30	SA 7.6	300	514	160	32	98	327
600	16	10777385A	840	390	770	20 x 37	36	SA 10.2	313	537	200	22	142	381
700	10	10777390A	895	430	840	24 x 31	32.5	SA 10.2	313	537	200	22	142	461
700	16	10777395A	910	430	840	24 x 37	39.5	SA 10.2	313	537	200	22	142	513
800	10	10777400A	1015	470	950	24 x 34	35	SA 10.2	313	537	200	22	142	583
800	16	10777405A	1025	470	950	24 x 41	43	SA 10.2	313	537	200	32	207	678
900	10	10777410A	1115	510	1050	28 x 34	37.5	SA 7.6	300	514	160	32	207	782
900	16	10777415A	1125	510	1050	28 x 41	46.5	SA 7.6	300	514	160	45	288	909
1000	10	10777420A	1230	550	1160	28 x 37	40	SA 10.2	313	537	200	22	301	972
1000	16	10777425A	1255	550	1170	28 x 44	50	SA 10.2	313	537	200	32	405	1122
1100	10	10777427A	1340	590	1270	32 x 37	42.5	SA 10.2	313	537	200	32	405	1761
1100	16	10777429A	1355	590	1270	32 x 44	53.5	SA 14.2	377	725	315	22	578	1837



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