

Description

Centric butterfly valve with elastomer liner.

Application fields: Building services, swimming pools and irrigation

Product features

- Body construction A1C Wafer, A3C Lug
 - Face to face dimension according to ISO 5752/20, EN 558/1-20
 - Top flange according to EN ISO 5211
 - Max. working pressure DN32-150 16bar, DN 200-300 10 bar
 - Rating PN6, PN10, PN16, ANSI cl. 150
 - Temperature range -10°C ÷ 130°C according to materials and working conditions
 - Hydraulic test according to DIN 3230/part 3 BN leakage rate 1, tightness test 1,1 x PN
- The butterfly valves AQUARIA meet the safety requirements of the pressure Equipments Directive 97/23/EC (PED) appendix 1 for fluids of the groups 1 and 2



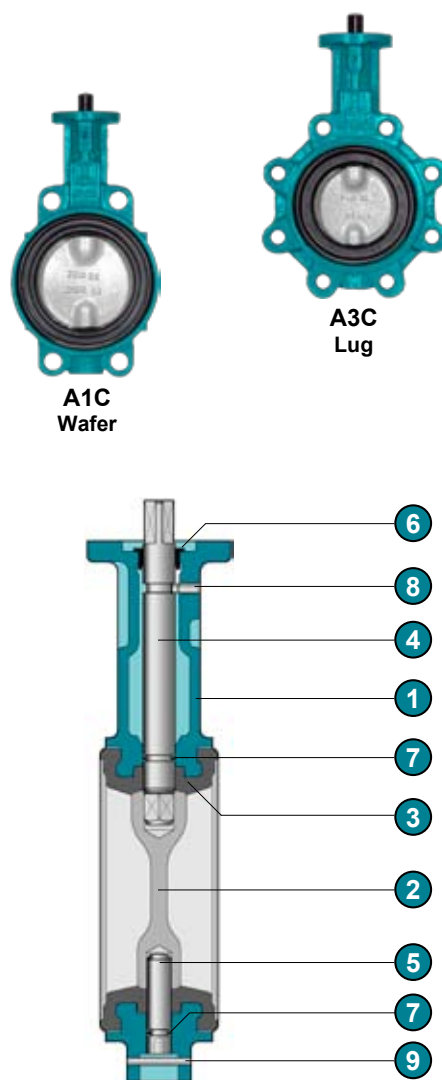
Material specification

1	Body Epoxy coated	Cast iron only for A1C 50-150	EN-GJL-250
		Ductile iron for all other types	EN-GJS-400-15
2	Disc	Ductile iron	EN-GJS-400-15
		Stainless steel	1.4408 (AISI316)
3	Liner	EPDM HT / NBR	
4	Upper shaft	Stainless steel	1.4021 (AISI 420)
5	Lower shaft	Stainless steel	1.4021 (AISI 420)
6	Bushing	DELFIN	
7	O-Ring	NBR	
8	Pin	Stainless steel	
9	Screw	Stainless steel	

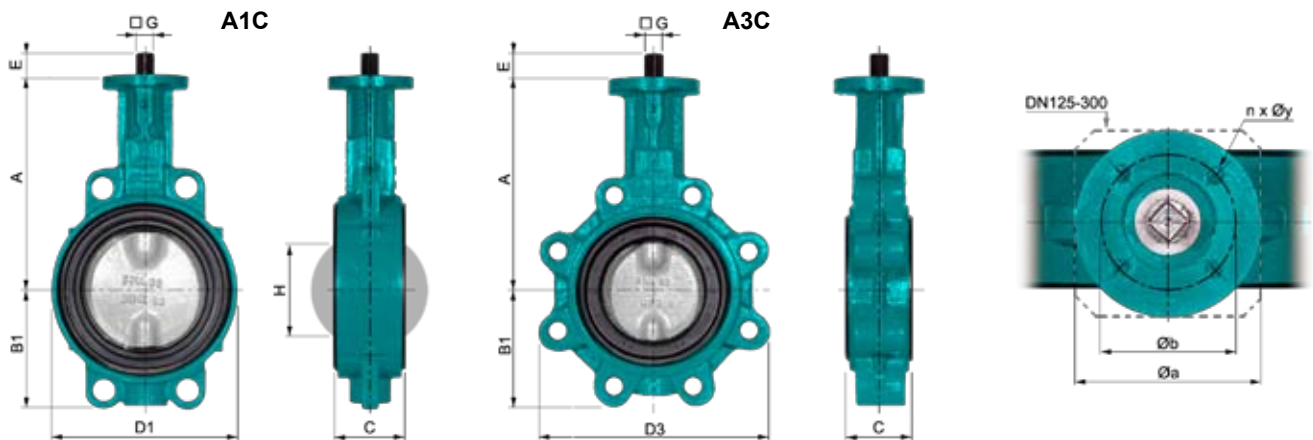
Type code

A1C	100	.	3	3	-	1AE	.	4A	.	2AE	.	EC
1	2		3	4		5		6		7		8

1	Type	A1C	AQUARIA Wafer	DN32-300
		A3C	AQUARIA Lug	DN32-300
2	Nominal diameter	032 - 300	mm	
3	Working pressure	2	10 bar	DN200-300
		3	16 bar	DN32-150
4	Rating	for A1C Wafer		
		3	PN6/10/16, ANSI cl. 150	A1C Wafer DN32-300
		for A3C Lug		
		2	PN10	A3C Lug DN200-300
		3	PN10/16	A3C Lug DN32-150
		1AE	Cast iron EN-GJL-250 (GG-25), Epoxy coated	A1C Wafer DN50-150
5	Body	2AE	Ductile iron EN-GJS-400-15 (GGG-40), Epoxy coated	A3C Lug DN32-300 A1C Wafer DN32/40, DN200-300
6	Shaft	4A	Stainless steel 1.4021 (AISI420)	
7	Disc	2AE	Ductile iron EN-GJS-400-15 (GGG-40), Epoxy coated	DN50-300
		4C0	Stainless steel 1.4408, (AISI316)	DN32-300
8	Liner	EC	EPDM HT (-10°C ... 130°C)	
		N	NBR (-10°C ... 90°C)	



Dimensions



DN	A	B1	B3	C	D1	D3	H	E	G	ISO 5211	a	b	n x Øy	kv[m³/h]	[kg]A1	[kg]A3
32	136	54	54	33	78	108	22,5	25	11	F05	70	50	4 x 7	50	2,1	2,2
40	136	54	54	33	78	108	22,5	25	11	F05	70	50	4 x 7	50	2,1	2,2
50	146	64	64	43	96	116	24,5	25	11	F05	70	50	4 x 7	100	2,7	3,1
65	153,5	72	72	46	113	128	45	25	11	F05	70	50	4 x 7	210	3,2	3,7
80	163	88	79	46	128	174	65	25	11	F05	70	50	4 x 7	360	3,6	4,6
100	172,5	98	101	52	150	194	85	25	14	F05	70	50	4 x 7	650	4,6	5,8
125	192,5	119	119	56	184	224	111	25	14	F07	70	70	4 x 9	1050	7,9	9,1
150	205	129	129	56	212	254	138	25	14	F07	70	70	4 x 9	1770	9,2	11,2
200	234	166	166	60	268	320	190	25	17	F07	70	70	4 x 9	3400	13,5	15,5
250	300	202	202	68	320	386	243	30	22	F10	125	125	4 x 10,5	5090	22,3	28,7
300	340	237	237	78	378	454	292	30	22	F10	125	125	4 x 10,5	7360	28,7	40,3

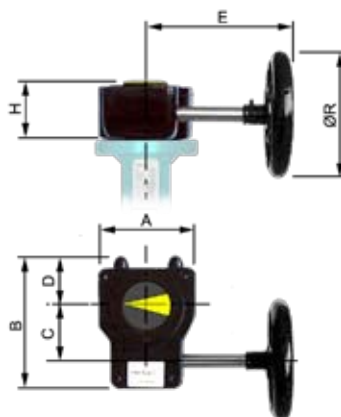
Handlever



Aluminium, Epoxy coated

DN		L	H	(kg)
32-80	HLA.F0511.200	200	76	0,4
100	HLA.F0514.275	275	76	0,5
125-150	HLA.F0714.275	275	76	0,5
200	HLA.F0717.340	340	45,5	0,6

Gearbox



Aluminium, Polyurethan coated

DN		A	B	C	D	E	H	ØR	n*	[kg]
32-80	GB232-05.F05-F0711.100	80	114	42,5	48	121	53	100	10	0,8
100-150	GB232-05.F05-F0714.100	80	114	42,5	48	121	53	100	10	0,8
200	GB232-06.F05-F0717.160	80	114	42,5	48	179	59	160	10	0,9
250-300	GB232-08.F10-F1222.250	100	131	50	56	209	67	250	9,25	1,55

* n = Handwheel turns ON/OFF

Further documentation

Pneumatic actuators, Electric actuators, Accessories according separate data sheets.

Installation guide, Maintenance guide, Flanges: Please consult these guides for the installation and maintenance of our butterfly valves.

InterApp AG
Grundstrasse 24
CH-6343 Rotkreuz
Phone +41 (0) 41 7982233
Fax +41 (0) 41 7982234
info@ch.interapp.net

InterApp Germany
Im Wasen 2
D-78667 Villingendorf (RW)
Phone +49 (0) 741 34885290
Fax +49 (0) 741 34885292
info@de.interapp.net

InterApp Austria
Kolpingstrasse 19
A-1230 Wien
Phone +43 (0) 1 6162371-0
Phone +39 02 339371
Fax +43 (0) 1 6162371-99
info@at.interapp.net

InterApp Italy
Via Gramsci 29
I-20016 Pero (MI)
Phone +39 02 339371
Phone +34 (0) 91 6584360
Fax +39 02 33937200
info@it.interapp.net

InterApp Spain
Calderón de la Barca 12
E-28860 Paracuellos de Jarama
Phone +34 (0) 91 6584360
Phone +33 (0) 67 4366134
Fax +34 (0) 91 6581430
info@es.interapp.net

InterApp France
La Picoterie
F-14400 Arganchy
Phone +33 (0) 67 4366134
Phone +33 (0) 23 1211895
Fax +33 (0) 23 1211895
info@fr.interapp.net

InterApp Singapore Pte. Ltd.
11, Changi North Street 1, #03-11
Singapore 498823
Phone +65 62141048
Phone +65 62140481
info@sg.interapp.net

The technical data are noncommittal and do not assure you of any properties. Please refer to our general sales conditions. Modifications without notice.

© 2009 InterApp AG, all rights reserved