

Description

Centric butterfly valve with elastomer liner, acc. to EN 593
Application fields: Building services and irrigation

Product features

- Body construction A1A Wafer, A3A Lug
 - Face to face dimension according to ISO 5752/20, EN 558-1/20
 - Top flange according to EN ISO 5211
 - Max. working pressure DN25-150 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 EN 12266 P10/P12
- 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	Ductile iron	Epoxy coated
2	Disc	Ductile iron	Epoxy coated
		Stainless steel	1.4408
3	Liner	EPDM HT	
4	Upper shaft	Stainless steel	1.4021 (AISI 420)
5	Lower shaft	Stainless steel	1.4021 (AISI 420)
6	Dew point barrier	PP (white)	
7	Retaining plate	POM	
8	O-ring	EPDM	
9	Ring	POM	
10	Bearing	Steel/PTFE	
11	O-ring	NBR	
12	Plug	POM	

Type code

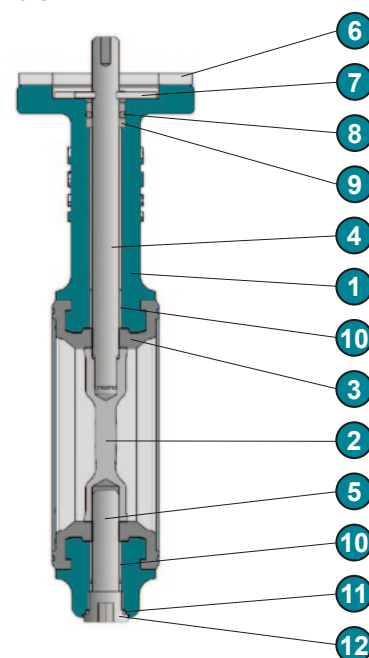
A1A	100	.	3	3	-	2DE	.	4A	.	4C0	.	EC
1	2		3	4		5		6		7		8

1	Type	A1A	AQUARIA Wafer	DN25-300
		A3A	AQUARIA Lug	DN25-300
2	Nominal diameter	025 - 300	mm / DN25 - 40 and DN ≥ 350 → DESPONIA	
3	Working pressure	2	10 bar	DN200-300
		3	16 bar	DN25-150
4	Rating	for A1A Wafer		
		3	PN6/10/16, ANSI cl. 150	A1A Wafer DN25-300
		for A3A Lug		
		2	PN10	A3A Lug DN200-300
		3	PN10/16	A3A Lug DN25-150
5	Body	2DE	Ductile iron, Epoxy coated	
		2AR	Ductile iron, Epoxy coated	DN25-40 / A3A Lug DN200-300 PN16
6	Shaft	4A	Stainless steel 1.4021 (AISI420)	
7	Disc	4C0	Stainless steel 1.4408	
		2DE	Ductile iron, Epoxy coated	
8	Liner	2AE	Ductile iron, Epoxy coated	A3A Lug DN200-300 PN16
		EC	EPDM HT (-10°C ... 130°C)	

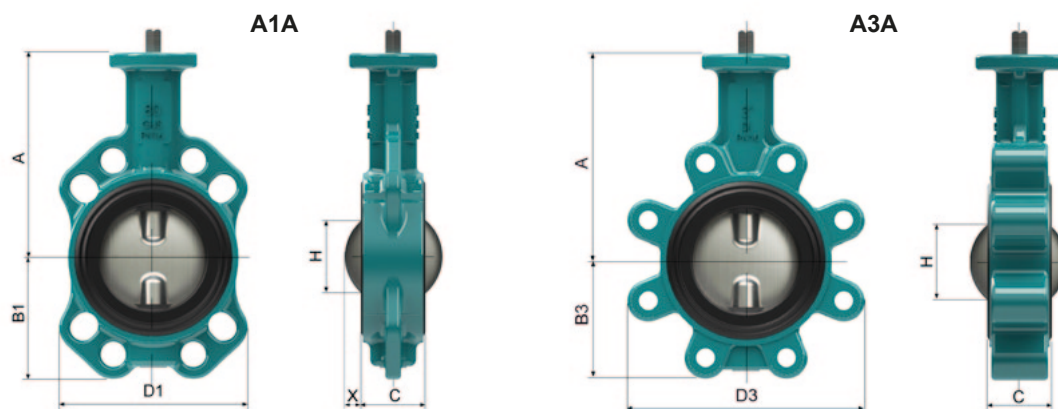


A1A
Wafer

A3A
Lug



Dimensions



	DN	A	B1	B3	C	D1	D3	H	X	kv[m³/h]	[kg]A1	[kg]A3
PN10/16	25/32	110	51	51	30	101	101	19	3	40	1.4	1.4
	40	130	54	51	33	108	108	28	6	50	2	2
	50	125	65	65	43	257	118	24	3.5	91	2.3	2.9
	65	150	78	78	46	263	132	44	9.5	206	3.0	3.7
	80	157	85	85	46	266	178	63	17	436	3.6	5.0
	100	182	98	98	52	320	208	82	24	660	5.4	7.4
	125	201	114	114	56	330	238	109	34.5	1300	7.1	10.4
PN10	150	214	127	127	56	342	260	136	47	2100	8.4	11.4
	200	245	158	158	60	519	322	188	70	4100	13.1	18.1
	250	283	194	194	68	376	394	237	91	6090	23	30
PN16	300	308	219	219	78	434	461	287	111	9570	33	42
	200	240	-	116	60	-	332	194	72	2800	-	19.6
	250	279	-	199	68	-	402	240	91	4480	-	28.7
	300	315	-	234	78	-	472	290	112	6800	-	41.2

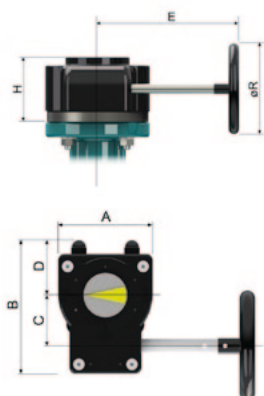
Handlever



PA6.6 30% GF

DN		L	H	(kg)
25-40	HLP.F0708.240	240	43	0.3
50-80	HLP.F0509.195A	195	62	0.4
100	HLP.F0711.240A	240	67	0.6
125-150	HLP.F0714.240A	240	67	0.6
200	HLP.F0717.390A	390	71.5	0.9

Gearbox



Aluminium, Polyurethan coated (liquids, 20°C ÷ 80°C)

DN		A	B	C	D	E	H	øR	n*	[kg]
25-40	GB232-05.F05-F0711.100(R08)	80	114	42.5	48	121	53	100	10	0.8
50-80	GB232-05.F05-F0709.100	80	114	42.5	48	121	53	100	10	0.8
100	GB232-05.F05-F0711.100	80	114	42.5	48	121	53	100	10	0.8
125-150	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.F07-F1022.250	100	131	50	56	209	76	250	9.25	1.55

* n = Handwheel turns ON/OFF

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

InterApp Ges.m.b.H.
Kolpingstrasse 19
A-1230 Wien
Phone +43 (0) 1 6162371-0
Fax +43 (0) 1 6162371-99
info@at.interapp.net

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

InterApp GmbH
Schillerstrasse 50
D-42489 Wülfrath
Phone +49(2058) 8909250
Fax +49(2058) 8909255
info@de.interapp.net

AVK Válvulas S.A.
InterApp Válvulas S.A.
Polígono Industrial Francolí, parcela 27
E-46006 Tarragona
Phone +34 977 543 008
Fax +34 977 541 622
avk@avkvalvulas.com

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

© 2015 InterApp AG, all rights reserved