

## INTERAPP DESPONIA BUTTERFLYVENTILER

Butterflyventil med forskellige liner- og discmateriale

INTERAPP DESPONIA  
Butterfly ventil DN 25 - 1600

- "State-of-the-art"
- Høj ydeevne
- Modulær
- Multifunktionel



### PRODUKTBEKRIVELSE

Desponia er en centrisk butterflyventil, med elastomer liner til væsker samt gasser. Den kan med fordel bruges i procesindustrien, kemikalieindustrien, samt medicinal- og fødevarerindustrien.

Desponia butterflyventil er tilgængelig i mange forskellige dimensioner, og er bygget/designet til langvarigt brug i de mest krævende miljøer.

En resistent body og en robust liner, der fås i mange forskellige materialer og en bred kombination af diske, gør InterApp's Desponia til en state-of-the-art industriel ventil.

InterApp har gennem årene sat en høj standard indenfor de mest krævende og forskelligartede applikationer.

Med mulighed for:

- Montering af pneumatisk eller elektrisk aktuator
- Montering af håndtag og/eller gearbox
- ATEX udførelse
- Liner i EDPM HT, Nitril (NBR), CSM (Hypalon), FPM (Viton)



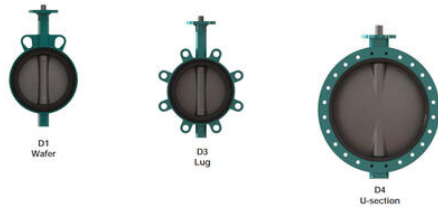
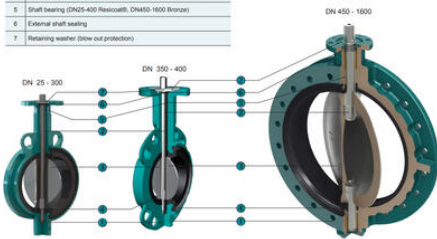
Kontakt vores produktspecialist, for den mest optimale løsning, til netop dit behov

# SPECIFIKATIONER

<b>3066_Pressure range (bar)</b>	Max 16 bar
<b>Face-to-face dimension</b>	ISO 5752/20   EN 558-1/20
<b>ISO</b>	ISO 593 / API 609 category A
<b>Temperaturområde</b>	-20°C   140°C
<b>Topflange</b>	EN ISO 5211
<b>Ventilhus</b>	D1 Wafer DN 25-1000   D3 Lug DN 25-600   D4 U-section DN 150-1600

### Construction

- 1 Body (extended valve neck allowing insulation)
- 2 Blow out proof shaft with position indication
- 3 Disc
- 4 Exchangeable liner with sealing grooves on the tightening face
- 5 Shaft bearing (DN25-400 Resacraft, DN450-1600 Bronze)
- 6 External shaft sealing
- 7 Retaining washer (blow out protection)

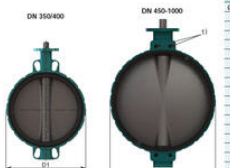
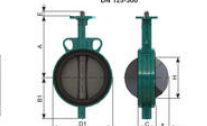
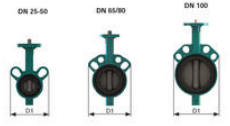


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SIL

The butterfly valves DESPONA meet the safety requirements of the pressure Equipments Directive 2014/68/EU (PED), appendix 1 for fluids of the groups 1 and 2.  
Butterfly valves DESPONA are suitable to be operated in safety related systems according to IEC 61508 / 61511, Safety Integrity Level SIL 2.



### D1 Wafer, DN25-1000

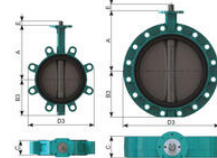


DN	A	B1	C	D1	E	H	X	Y	Øg
25	110	51	50	101	12	20	3	1,5	
30	130	55	53	108	12	20	6	1,3	
40	150	72	43	120	12	30	6	1,8	
50	160	82	46	130	12	30	11	2,3	
65	180	92	48	142	12	30	19	2,3	
80	190	105	52	152	12	30	26	3,0	
100	210	115	56	161	16	35	36	5,0	
125	230	131	56	176	16	40	48	5,0	
150	240	144	60	180	16	40	53	5,0	
200	280	174	60	200	16	50	72	5,0	
250	278	201	68	210	24	240	91	17,0	
300	315	234	78	242	24	290	112	21,0	
350	330	258	80	250	40	330	130	25,0	
400	360	299	102	425	40	330	140	27,0	
450	387	355	113	455	40	330	150	27,0	
500	437	395	128	512	40	474	162	27,0	
600	522	464	153	609	80	568	218	240	
800	643	554	174	724	100	653	272	300	
1000	745	657	218	833	120	760	361	370	

1) DN 450 - 1600, 2 x threads on valve neck and bottom

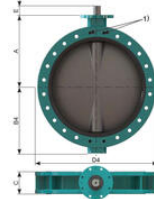
\* When using plastic studs please check dimension H x to avoid damaging of disc

### D3 Lug, DN 25-600



DN	A	B1	C	D3	E	H	X	Y	Øg
25	110	51	50	101	12	19	3	1,5	
30	130	55	53	108	12	19	3	1,5	
40	150	72	43	120	12	28	6	1,9	
50	160	82	46	131	12	28	6	2,4	
65	180	92	48	141	12	30	11	2,8	
80	190	105	52	151	12	30	19	3,0	
100	210	115	56	161	16	35	26	3,0	
125	230	131	56	171	16	40	36	3,0	
150	240	144	60	181	16	40	48	3,0	
200	280	174	60	201	16	50	72	3,0	
250	278	201	68	211	24	240	91	23,5	
300	315	234	78	241	24	290	112	26,4	
350	330	258	80	250	40	330	130	26,4	
400	360	299	102	431	40	330	140	26,4	
450	387	355	113	461	40	330	150	26,4	
500	437	395	128	511	40	474	162	26,4	
600	522	464	153	601	80	568	218	240	

### D4 U-section, DN 150-1600

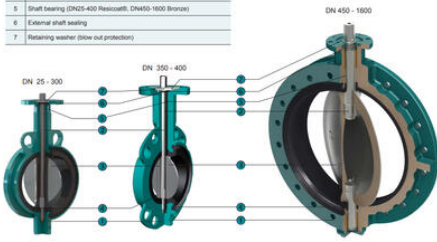


DN	A	B1	C	D4	E	H	X	Y	Øg
150	210	143	68	285	141	48	10	16	15
200	240	170	60	340	196	72	12,5	19	18,5
250	278	200	68	406	245	91	15	24	20,5
300	315	239	78	482	290	112	19	24	24
350	330	269	80	533	330	130	19	24	28
400	363	296	102	587	377	143	20	40	32
450	387	349	113	640	428	164	20	40	36
500	437	395	126	715	474	182	20	65	37,5
600	522	464	153	840	568	218	28,5	80	260
700	595	550	168	927	662	237	31,5	80	240
750	590	541	170	885	709	272	34	80	435
800	637	617	190	1040	774	304	24,5	80	510
850	696	643	204	1170	855	337	30	100	660
1000	745	690	218	1255	960	383	44	100	790
1100	820	739	238	1360	1034	429	44	100	800
1200	881	806	254	1488	1149	462	47	120	1180
1400	990	908	292	1744	1338	543	40	120	1200
1600	1117	1048	318	1924	1553	634	50	155	2000

1) DN 450 - 1600, 2 x threads on valve neck and bottom

**Construction**

- 1 Body (extended valve neck allowing insulation)
- 2 Blow out proof shaft with position indication
- 3 Disc
- 4 Exchangeable liner with seating grooves on the lightning face
- 5 Shaft bearing (DN25-400 Reinforced; DN450-1600 Bronze)
- 6 External shaft sealing
- 7 Retaining washer (blow out protection)



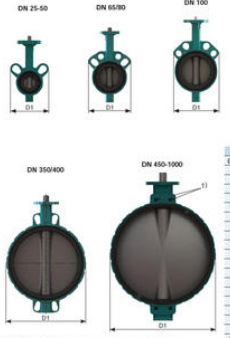
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 Butterfly valves DESPONA are suitable to be operated in safety related systems according to IEC 61508 / IEC 61511, Safety Integrity Level SIL 2



**D1 Wafer, DN25-1000**

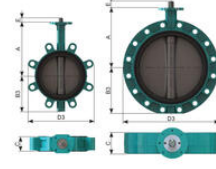


DN	A	B1	C	D1	E	H*	H*	H*	h
DN25	110	51	30	101	12	19	3	1.5	
40	130	55	33	108	12	20	6	1.5	
50	135	72	43	110	12	22	6	1.8	
65	150	83	50	120	12	23	11	2.3	
80	160	92	48	142	12	23	19	2.3	
100	180	110	52	162	12	26	26	2.9	
125	195	128	52	181	16	26	36	6.0	
150	210	141	56	205	16	28	48	5.5	
200	240	174	60	260	19	34	72	9.3	
250	270	201	68	310	24	38	91	17.0	
300	310	234	79	363	24	39	112	23.7	
350	330	250	80	420	40	39	130	41.0	
400	360	299	102	475	40	37	146	57.2	
450	390	300	113	530	65	42	164	76	
500	430	303	126	595	65	43	180	120	
600	520	464	153	695	80	46	218	180	
700	560	503	168	800	80	60	257	200	
800	620	577	196	900	80	77	304	300	
900	676	643	204	1015	100	85	337	350	
1000	740	693	219	1133	100	90	363	710	

1) DN 450 - 1600, 2 x threads on valve neck and bottom

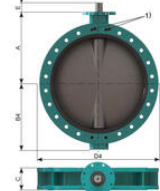
\* When using plastic studs please check dimension H / e to avoid damaging of disc

**D3 Lug, DN 25-600**



DN	A	B1	C	D1	E	H*	H*	H*	h
25	110	51	30	101	12	19	3	1.5	
35	110	51	30	101	12	19	3	1.5	
40	130	54	33	108	12	20	6	1.8	
50	135	72	43	110	12	22	6	2.4	
65	150	82	48	121	12	23	11	4.8	
80	160	88	48	148	12	23	19	4	
100	180	110	52	162	12	26	26	6.2	
125	195	116	56	246	16	26	38	7.7	
150	210	128	56	274	16	28	48	9.4	
200	240	161	60	332	19	34	72	16.6	
250	270	198	68	402	24	38	91	23.5	
300	310	234	79	472	24	39	112	32.4	
350	330	250	80	520	40	39	130	35	
400	360	290	102	584	40	37	146	71	
450	397	305	113	655	60	42	164	100	
500	437	309	126	712	80	47	182	170	
600	522	464	153	829	80	50	218	240	

**D4 U-section, DN 150-1600**



DN	A	B1	C	D4	H*	H*	J	E	h
150	210	143	66	280	141	48	10	16	31
200	240	170	80	340	184	72	12.5	19	39.5
250	270	200	100	400	240	91	15	24	50.5
300	315	239	78	482	290	112	15	24	44
350	330	250	80	533	330	150	18	40	59
400	360	296	102	597	377	143	20	40	52
450	397	305	113	640	420	164	24	65	118
500	437	309	126	718	474	182	26	65	179
600	522	464	153	840	568	218	28.5	80	260
700	560	503	168	927	600	257	31.5	80	345
750	590	541	170	985	700	272	34	80	438
800	627	577	190	1060	774	304	36.5	80	510
900	696	643	204	1170	850	337	38	100	600
1000	745	693	218	1255	950	383	44	100	790
1100	820	728	218	1385	1054	429	48	100	850
1200	881	806	254	1485	1140	462	47	120	1180
1400	960	868	280	1744	1284	543	40	120	1510
1600	1117	1048	318	1924	1553	634	50	150	2000

1) DN 450 - 1600, 2 x threads on valve neck and bottom