

**Concentric butterfly valve with pneumatic actuator
wafer type**

PN10
PN16

WATER



Centric butterfly valve DN100

Product description (standard execution):

- Concentric disc made of stainless steel 1.4401 or ductile cast iron
- EPDM, NBR replaceable loose liner protected against axial displacement
- Stainless steel 1.4021 solid spline (not pinned) shaft with the bottom side seated in blind hole of the body
- Three-slide bearings
- Special shaped loose liner to seal with the shaft crossing
- Additional shaft sealing made of EPDM, NBR o-rings
- For DN350 splined connection from DN400 with pin connections
- Body made of ductile cast iron EN-GJS 400-15
- Actuator connector according to ISO 5211 (ISO top flange)
- Epoxy coating to EN 14901
- End connection according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Face to face according to EN 558-A1 row20 (DIN 3202)
- Product according to EN 1074-1; EN 1074-2; EN-593
- Product marking according to : EN 19, EN 1074

Application:

Water network and tanks. Transport of industrial water and non aggressive liquids.

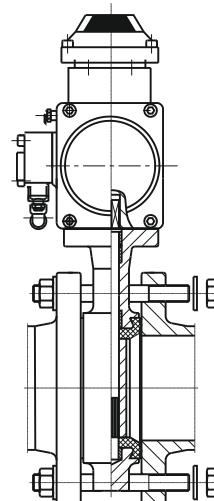
Working conditions:
temp. up to +70°C
pressure up to 1.6 MPa.

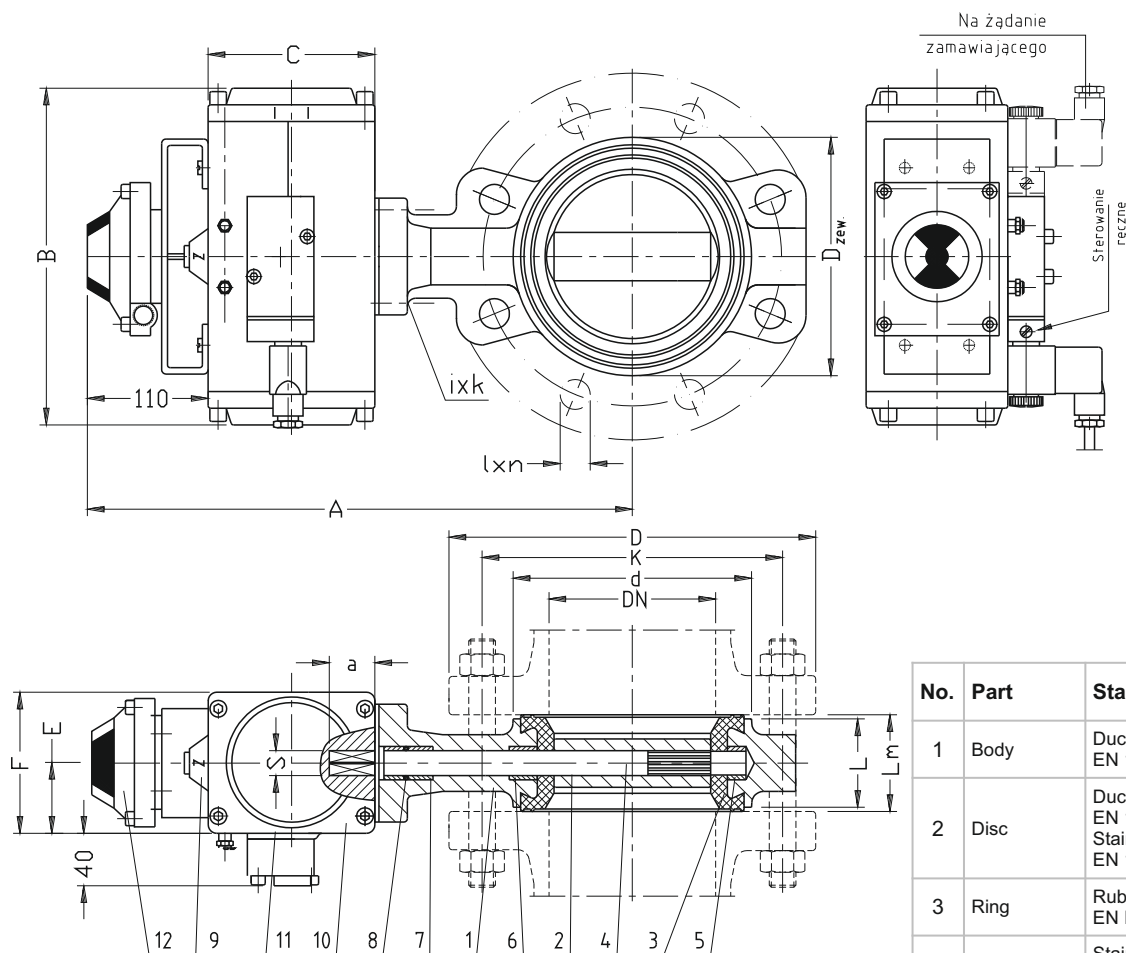
Test control:

Hydraulic test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 x PN
Body: 1,5 x PN
Operation torque test.

Installation:

DN50-DN250 in any position. Over DN250 shaft in horizontal position





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15 EN 1560
2	Disc	Ductile cast iron EN-GJS 400-15 EN 1560 Stainless steel 1.4401(*) EN 10027-2
3	Ring	Rubber EPDM, NBR(*) EN ISO 1629
4	Shaft	Stainless steel 1.4021 EN 10027-2
5,6 7	Sleeve	Brass CW617N EN 1412 PTFE(*)
8	O-ring	Rubber EPDM, NBR(*) EN ISO 1629
9	Indicator	Producer catalogue
10	Pneumatic actuator	Producer catalogue
11	Solenoid valve	Producer catalogue
12	Breaker box	Producer catalogue
(*) - other material variants on special request		

DN	PN	L	Lm	A	B	D _{zew.}	d	D	D	K	K	I	I	C	ISO	I x k	z	S	a	E	Weight
[mm]	[bar]							PN10	PN16	PN10	PN16	PN10	PN16		-						[kg]
50	10/16	43	45	280	147	97	92	165	165	125	125	19	19	74	F05	4x7	50	11	28	42	72
65	10/16	46	49	318	168	108	106	185	185	145	145	19	19	88	F05	4x7	50	11	28	47	83
80	10/16	46	49	349	184	127	114	200	200	160	160	19	19	100	F05	4x7	50	11	30	53	95
100	10/16	52	55	370	204	160	143	220	220	180	180	19	19	109	F07	4x9	70	14	30	57	103
125	10/16	56	59	430	262	188	170	250	250	210	210	19	19	120	F07	4x9	70	14	30	59	109
150	10/16	56	59	440	268	210	203	285	285	240	240	23	23	135	F07	4x9	70	17	30	64	122
200	10/16	60	63	490	301	270	252	340	340	295	295	23	23	155	F10	4x12	102	17	30	75	142
250	10/16	68	72	542	390	331	306	395	405	350	355	23	28	172	F10	4x12	102	22	40	77	152
300	10/16	78	82	595	390	372	364	445	460	400	410	23	28	172	F10	4x12	102	22	45	77	152
350	10/16	78	82	620	458	414	431	505	520	460	470	23	28	197	F10	4x12	102	22	45	87	174
400	10/16	102	106	735	532	488	480	565	580	515	525	28	31	255	F14	4x18	140	27	60	113	226
500	10/16	127	131	830	602	593	590	670	715	620	650	28	34	292	F14	4x18	140	36	65	130	260

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