

**Concentric butterfly valve with electric actuator  
wafer**

PN10  
PN16

**WATER**



Centric butterfly valve DN200+SQ07+AUTOMATIC 01.2



Centric butterfly valve DN300 +SQ10.2

## 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.

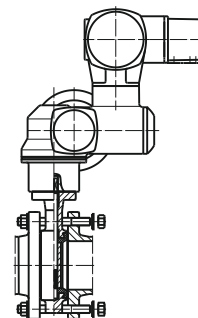
Working conditions:  
temp. up to +70°C  
pressure up to 1.6 MPa.

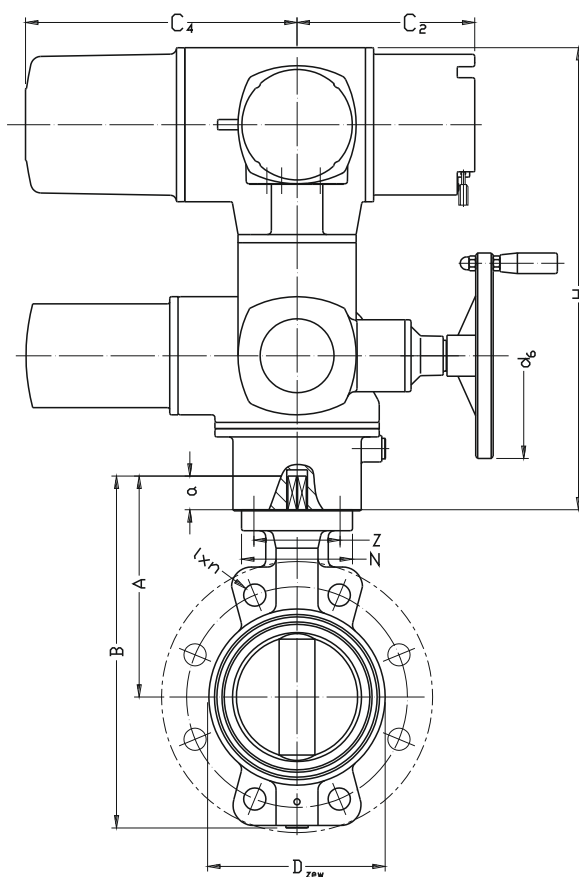
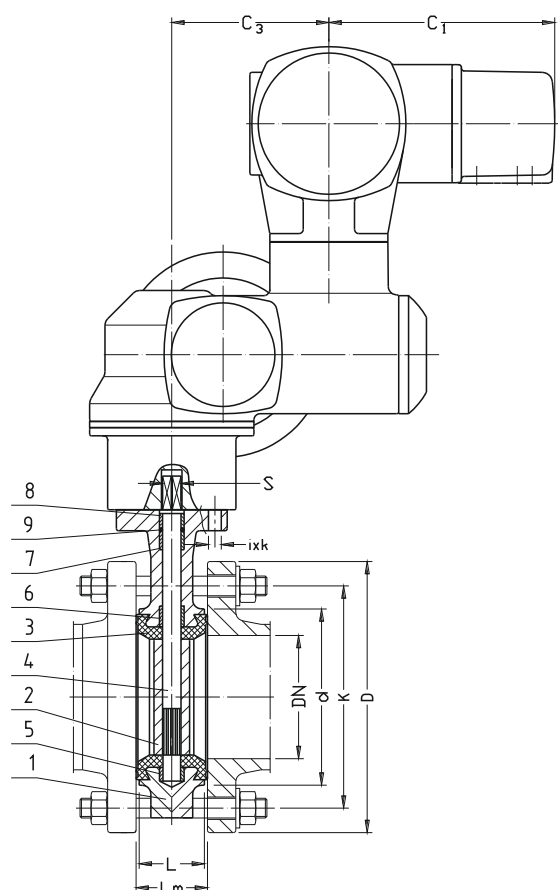
## Test control:

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

## Installation:

DN40-DN250 in any position. Over DN250 actuator from the side. 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 7,8	Sleeve	Brass CW617N EN 1412 PTFE(*)
9	O-ring	Rubber EPDM, NBR(*) EN ISO 1629
(*) - other material variants on special request		

DN	PN	L	Lm	A	B	D <sub>zew</sub>	d	D	D	K	K	I	I	n	n	ISO	I x k	N	z	S	a	C1	C2	C3	C4	H
[mm]	[bar]																									
40	10/16	33	36	121	176	76	76	150	150	110	110	19	19	4	4	F05	4x7	90	50	11	28	220	171	143	265	434
50	10/16	43	45	137	222	97	92	165	165	125	125	19	19	4	4	F05	4x7	90	50	11	28	220	171	143	265	434
65	10/16	46	49	150	235	108	106	185	185	145	145	19	19	4	4	F05	4x7	90	50	11	28	220	171	143	265	434
80	10/16	46	49	160	245	127	114	200	200	160	160	19	19	8	8	F05	4x7	90	50	11	30	220	171	143	265	434
100	10/16	52	55	182	280	160	143	220	220	180	180	19	19	8	8	F07	4x9	90	70	14	30	220	171	143	265	434
125	10/16	56	59	207	328	188	170	250	250	210	210	19	19	8	8	F07	4x9	90	70	14	30	220	171	143	265	434
150	10/16	56	59	223	357	210	203	285	285	240	240	23	23	8	8	F07	4x9	90	70	17	30	220	173	153	263	452
200	10/16	60	63	255	418	270	252	340	340	295	295	23	23	12	12	F10	4x12	125	102	17	30	220	173	153	263	452
250	10/16	68	72	314	510	331	306	395	405	350	355	23	28	12	12	F10	4x12	125	102	22	40	220	173	153	265	452
300	10/16	78	82	342	564	372	364	445	460	400	410	23	28	12	12	F10	4x12	125	102	22	45	220	173	153	265	452
350	10/16	78	82	365	640	414	431	505	520	460	470	23	28	16	16	F10	4x12	125	102	22	45	220	173	153	265	475
400	10/16	102	106	410	725	488	480	565	580	515	525	28	31	16	16	F14	4x18	175	140	27	60	220	173	153	265	510

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