

Concentric butterfly valve flanged

PN10
PN16

WATER



Butterfly valve DN250



Butterfly valve DN150

Product description (standard execution):

- Concentric disc made of stainless steel 1.4301 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
- Body made of cast iron EN-GJS 400-15
- With lock lever up to DN200 over with gear box
- Connection of the disc with the shaft roller
- 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 row 20 (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.

Accessories:

Extension spindle - see: 9010, 9011

Pillar with handwheel - see: 9113

Pillar for electric actuator - see: 9114

Street box - see: 9501

Execution variant:

With lever for DN200

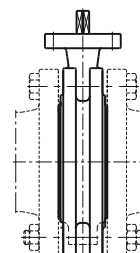
With Gear box from DN250

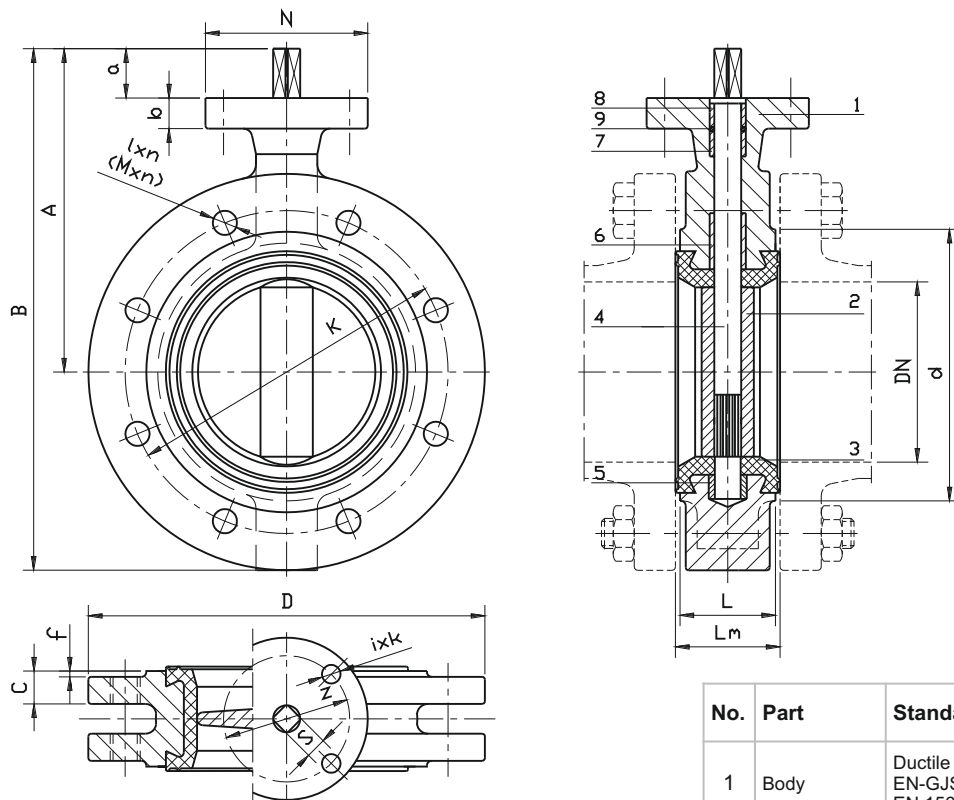
With electric or pneumatic actuator

For extension spindle

Installation:

Up to 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 1.4301(*) EN 10027-2
3	Ring	Rubber EPDM, NBR(*) EN ISO 1629
4	Shaft	Stainless steel 1.4021, 1.4057(*) 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	C	f	A	B	d	D PN10	D PN16	K PN10	K PN16	I(M) PN10	I(M) PN16	n PN10	n PN16	i	k	N	z	S	a	Weight
[mm]	[bar]	[mm]												[szł]			[mm]						[kg]
150	10(16*)	56	59	18	2	223	368	203	285	285	240	240	23	23	8	8	4	9	90	70	17	30	16,5
200	10(16*)	60	63	19	2	255	430	252	340	340	295	295	23	23	8	12	4	9	90	70	17	30	25
250	10(16*)	68	72	20	2	314	521	306	395	405	350	355	23	28	12	12	4	12	125	102	22	45	40
300	10(16*)	78	82	22	3	342	577	364	445	460	400	410	23	28	12	12	4	12	125	102	22	45	57
350	10(16*)	78	82	24	3	365	635	431	505	520	460	470	23	28	16	16	4	14	125	102	22	45	73
400	10(16*)	102	106	26	4	410	720	480	565	580	515	525	28	31	16	16	4	14	175	140	27	60	110
500	10(16*)	127	131	30	4	490	860	590	670	715	620	650	28(M24)	34(M30)	20	20	4	22	175	140	36	65	199
600	10(16*)	154	158	34	5	565	1015	688	780	840	725	770	31(M27)	37(M33)	20	20	4	22	210	165	36	65	295
700	10(16*)	165	169	34	5	610	1110	800	910	910	840	840	31(M27)	37(M33)	24	24	8	22	300	254	46	70	341
800	10(16*)	190	196	44	5	620	1245	905	1015	1025	950	950	34(M30)	41(M36)	24	24	8	22	300	254	55	80	-
900	10(16*)	203	209	46	5	720	1357	1005	1115	1125	1050	1050	34(M30)	41(M36)	28	28	8	22	300	254	55	118	-
1000	10(16*)	216	223	50	5	800	1501	1010	1230	1255	1160	1170	37(M33)	44(M45)	28	28	8	22	300	254	55	142	-
1200	10(16*)	254	263	56	5	940	1784	1330	1455	1455	1380	1390	41(M36)	50(M45)	32	32	8	22	350	298	65	160	-

* - ciśnienie nominalne PN16 na życzenie, możliwe wykonanie otworów gwintowanych

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