

Double eccentric butterfly valve with bypass flanged

**PN10
PN16**

WATER



Butterfly valve DN800

Product description (standard execution):

- Body and cover made of ductile cast iron EN -GJS 400-15
- Eccentric disc made of ductile cast iron EN-GJS 500-7
- Body sealing ring and pressure ring made of stainless steel 1.4430 (AWS ER316LSi)
- EPDM sealing placed on disc replaceable without disassembling the disc
- Centering slide bearing shaft
- Anticorrosion protection - Epoxy coating minimum 250 microns according to EN 14901
- Medium flow regulation design
- Stainless steel connecting bolts
- Flanges connection according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Actuator connector according to EN ISO 5211
- Face to face according to EN 558, row 14 (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

Execution variant:

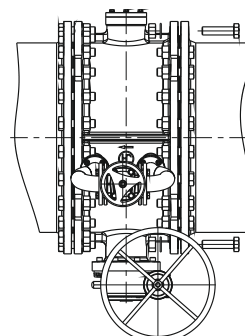
With electric actuator AUMA
With UV resistant paint coating

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.

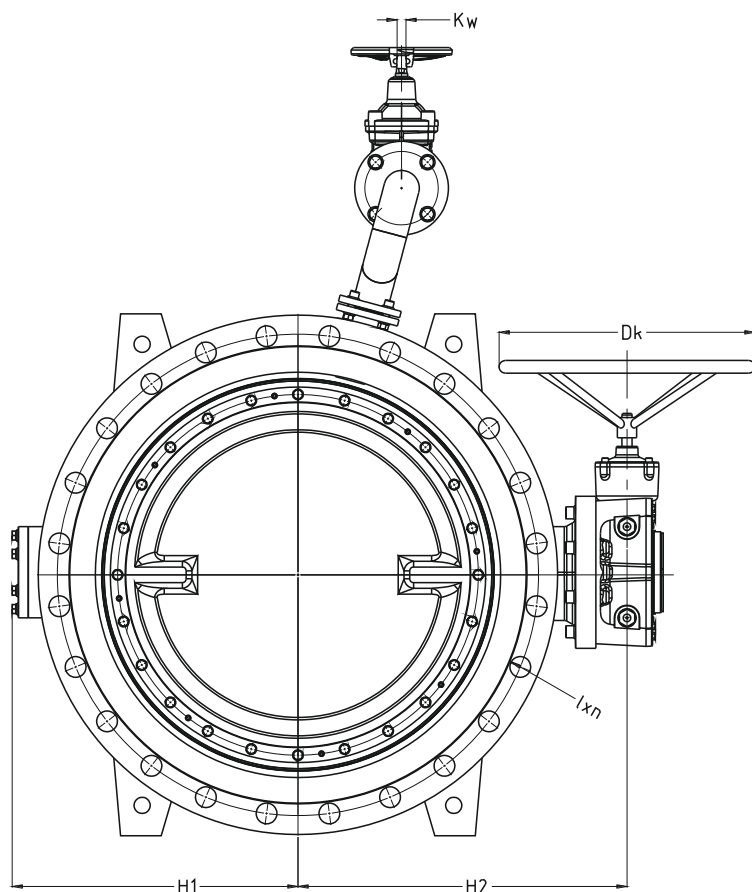
Installation:

Recommended assembly in accordance with direction of flow.



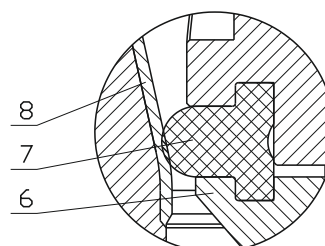
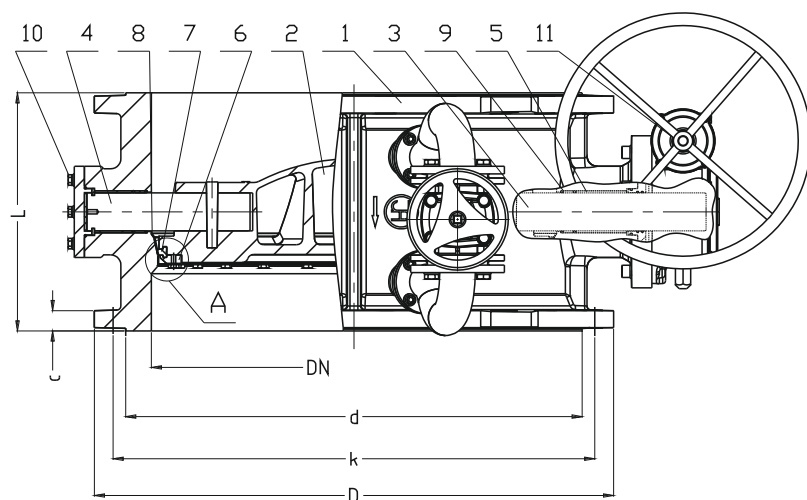
Accessories:

Extension spindle - see: 9025
Pillar with handwheel - see: 9113
Pillar for electric actuator - see: 9114
Street box - see: 9501



No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15 EN 1560
2	Disc	Ductile cast iron EN-GJS 500-7 EN 1560
3	Lower shaft	Stainless steel 1.4021 EN 10027-2
4	Upper shaft	Stainless steel 1.4021 EN 10027-2
5	Sleeve	Brass CW612N, CW614N(*) EN 1412
6	Pressure ring	Stainless steel 1.4301 EN 10027-2
7	Disc sealing ring	Rubber EPDM EN ISO 1629
8	Body sealing ring	Stainless steel 1.4430 EN 10027-2
9	O-ring	Rubber EPDM EN ISO 1629
10	Screw	Stainless steel A2 EN ISO 4017
11	Gearbox	Producer catalogue Protection grade IP68

(*) - other material variants on special request



Szcz. A

DN	L	D	K PN16(PN10)	d PN16(PN10)	c PN16(PN10)	l x n PN16(PN10)	H1	H2	Dk	BY-PASS	KW	Weight
[mm]												[kg]
500	350	715	650(620)	609(582)	31,5(26,5)	34(28)x20	380	458	600	DN40	14	260
600	390	840	770(725)	720(682)	36(30)	37(31)x20	440	519	400	DN50	14	411
700	430	910	840	794	39,5(32,5)	37(31)x24	490	736	500	DN65	17	552
800	470	1025	950	901	43(35)	41(34)x24	570	647	500	DN65	17	667
900	510	1125	1050	1001	46,5(37,5)	41(34)x28	625	935	600	DN80	17	791
1000	550	1255	1170(1160)	1112	50(40)	44(37)x28	730	787	600	DN80	17	1196
1100	630	1355	1270	1218	53,5(42,5)	44(37)x32	760	1080	600	DN100	19	1262
1200	630	1485	1390(1380)	1328	57(45)	50(41)x32	820	1154	600	DN100	19	1925