

Double eccentric butterfly valve with electric actuator flanged

**PN10
PN16**

WATER



Butterfly valve DN1600

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 made of stainless steel 1.4404 (AISI 316L)
- Pressure ring made of stainless steel 1.4301
- 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 GSK RAL certificate
- 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 (F4), 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
pressure up to 1.6 MPa.

Execution variant:

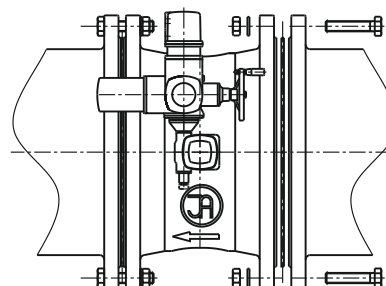
With by-pass from DN500

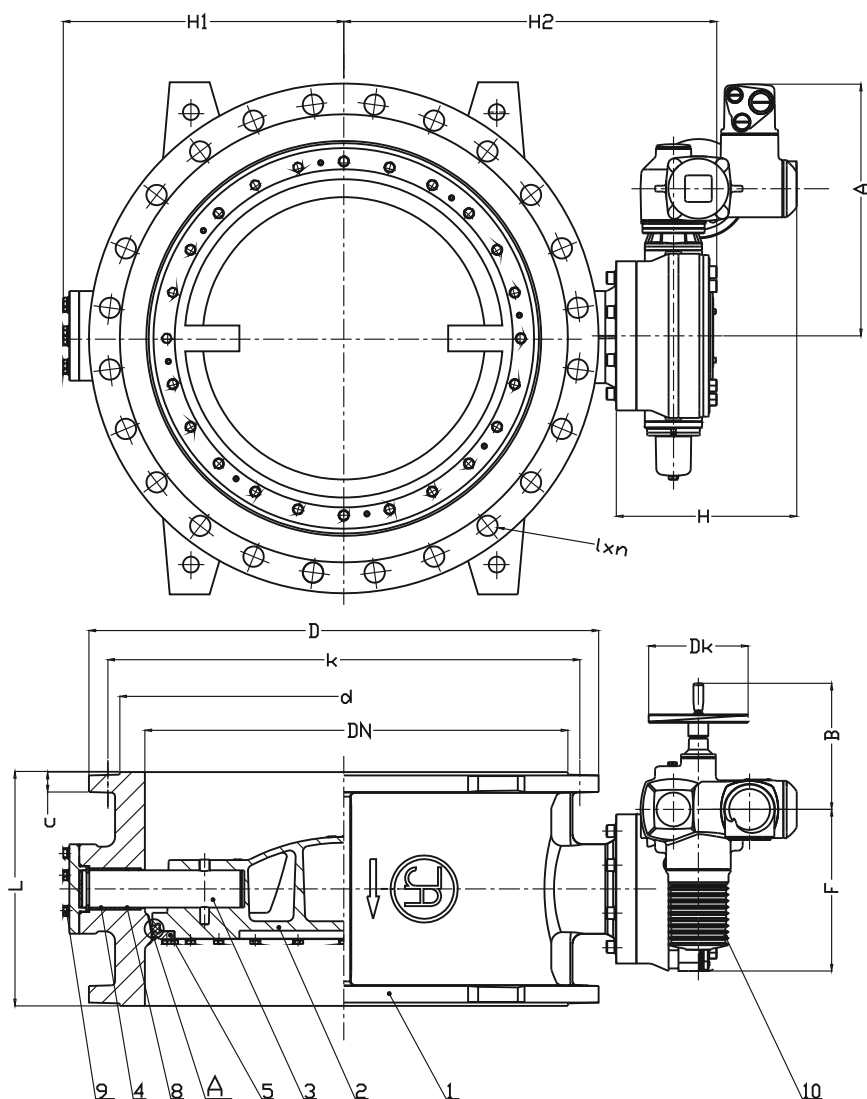
Test control:

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:

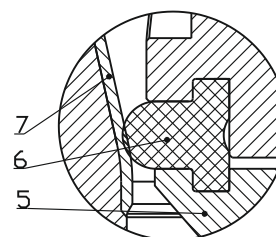
Actuator from the side shaft in horizontal position.
Recommended assembly in accordance with direction of flow.





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	Sleeve	Brass CW612N, CW614N(*) EN 1412
5	Pressure ring	Stainless steel 1.4301 EN 10027-2
6	Disc sealing ring	Rubber EPDM EN ISO 1629
7	Body sealing ring	Stainless steel 1.4430 EN 10027-2
8	O-ring	Rubber EPDM EN ISO 1629
9	Screw	Stainless steel A2 EN ISO 4017
10	Gearbox	Producer catalogue

(*) - other material variants on special request



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DN	L	D	K PN16(PN10)	d PN16(PN10)	c PN16(PN10)	l x n PN16(PN10)	H1	H2	Dk	A	B	F	H	EN ISO 5211
[mm]														
400	310	580	525(515)	480	28(24,5)	31(28)x16	310	640	500	405	191	282	315	F14
450	330	640	585(565)	548(530)	30(25,5)	31(28)x20	335	690	500	405	191	282	315	F14
500	350	715	650(620)	609(582)	31,5(26,5)	34(28)x20	380	780	600	535	191	282	325	F16
600	390	840	770(725)	720(682)	36(30)	37(31)x20	440	860	400	540	191	282	325	F16
700	430	910	840	794	39,5(32,5)	37(31)x24	490	930	500	615	191	282	340	F25
800	470	1025	950	901	43(35)	41(34)x24	570	1020	500	615	191	282	340	F25
900	510	1125	1050	1001	46,5(37,5)	41(34)x28	625	1130	600	700	191	282	356	F25
1000	550	1255	1170(1160)	1112	50(40)	44(37)x28	700	1180	600	700	191	282	356	F25
1100	630	1355	1270	1218	53,5(42,5)	44(37)x32	760	1300	600	740	235	384	450	-
1200	630	1485	1390(1380)	1328	57(45)	50(41)x32	820	1450	600	740	235	384	450	F30
1400	710	1685	1590	1530	60(46)	50(44)x36	920	1530	600	882	235	384	465	F35
1600	790	1930	1820	1750	65(49)	57(50)x40	1045	1615	600	975	235	384	465	F40
1800	870	2130	2020	1950	70(52)	57(50)x44	1170	1810	600	975	235	384	465	F40
2000	950	2345	2230	2150	75(55)	62(50)x48	1301	1908	600	975	235	384	465	F48