Flanged Butterfly Valve

AW26/1

DN50 - DN300 (EPDM) **PN 10/16**

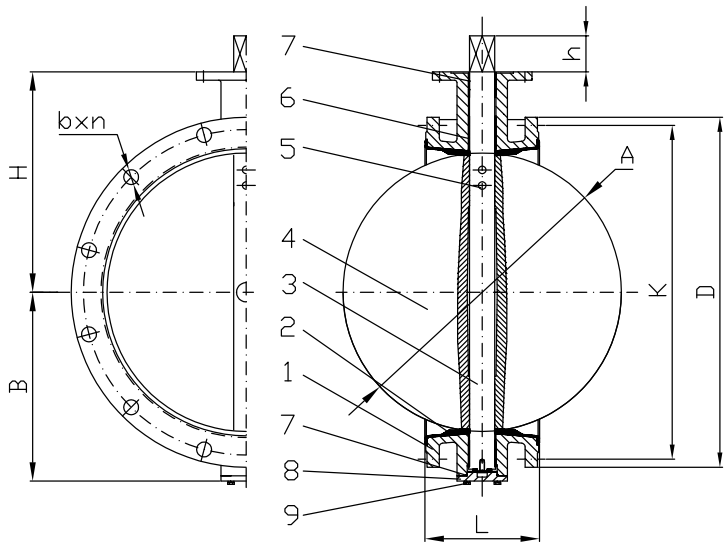
The Flanged Butterfly Valve has been developed in consultation with end users and large utilities to provide an advanced seal tight valve.

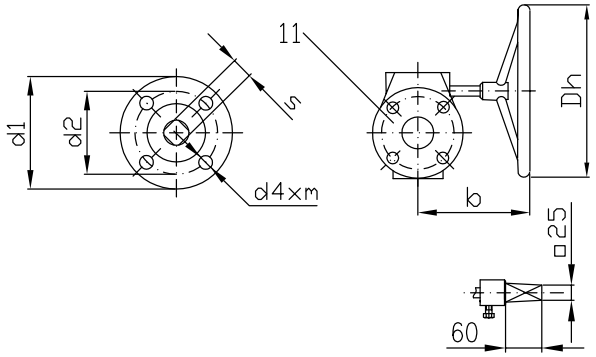
Technical Details

Face to Face in accordance to:
DIN 3202-1 (EN 558-1 Series 13)
Maximum Working Pressure PFA:
16 bar / PN16
Working temperature:
EPDM maximum +90°C
NBR maximum +90°C on request
Construction complies to:
EN 593 (DIN 3354)
Certification:
Russian Certificate of Conformity, Hygienic Certificate PZH
Flange Type:
EN 1092-2 PN10 & PN16
Connector type:
accordance to EN ISO 5211
Coating:
300 µm FBE coating - RAL5015
Application:
Installation for water, potable water, irrigation water and other chemically inert fluids for flow closing

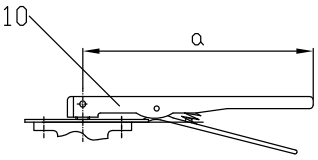
Design features

- High-grade materials for fully rated construction
- Bonded liner in EPDM fully isolates body and stem from the process fluid
- O-ring moulded in the liner eliminates the need for flange gasket
- Bonded liner provides primary seals for top and bottom shaft sealing
- Gearbox is supplied with Hand Wheel and Cap Top as standard
- Gearbox IP67 as standard (IP68 - optional).





(DN50-DN300)



(DN50-DN150)

No	Part Name	Material
1	Body	Ductile Iron, FBE coated EN-GJS-500-7
2	Seat	Elastomer EPDM*
3	Shaft	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316 (DN50-150) Stainless Steel X17CrNi16-2 / 1.4057 / 431 (DN200-300)
4	Disc	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
5	Pin	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
6	Bushing	Teflon PTFE
7	O-ring Seal	Elastomer NBR
8	Bottom Cover	Ductile Iron, FBE coated EN-GJS-500-7
9	Bolt	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
10	Lever	Cast Iron
11	Gearbox	Components

Notes: *NBR seat available on request

Dimension (mm & kg)

Group	DN	50	65	80	100	125	150	200	250	300
AW26/1		Lever								
	PN16	BB0205	BB0242	BB0206	BB0244	AB1810	BB0245	-	-	-
	PN10							-	-	-
		Gearbox with handwheel & cap top								
	PN16	AB1815	AB1816	AB1635	BB0250	AB1819	AB1820	BB0253	BB0254	BB0255
	PN10							AB1846	AB1847	AB1848
L		108	112	114	127	140	140	152	165	178
H		120	130	145	155	170	190	208	238	280
h		32	32	32	32	32	32	40	40	40
A		52,6	64,5	78,8	104	123,3	155,6	202,5	250,5	301,6
B		83	93	100	114	125	143	170	198	223
K PN16 / PN10		125	145	160	180	210	240	295	355 / 350	410 / 400
b x n PN16 / PN10		18x4	18x4	18x8	18x8	18x8	22x8	22x12 / 22x8	26x12 / 22x12	26x12 / 22x12
D PN16 / PN10		165	185	200	220	250	285	340	405/395	460/445
d1		65	65	65	90	90	90	125	125	125
d2		50	50	50	70	70	70	102	102	102
d4 x m		7x4	7x4	7x4	10x4	10x4	10x4	12x4	12x4	12x4
□s		11	11	11	11	14	14	17	22	22
Closing torque through bare stem*		26	38	59	107	135	180	351	585	980
ISO 5211		F05	F05	F05	F07	F07	F07	F10	F10 (F12)	F10 (F12)
a		270	270	270	270	270	270	-	-	-
Weight kg		7,6	9,7	10,6	13,8	18,2	21,7	34,6	51,1	66,8

* The torque not including the safe factor.