

BUTTERFLY VALVES

WOUTER WITZEL
Model EVFS DN 50 - 2000 (2" - 80")

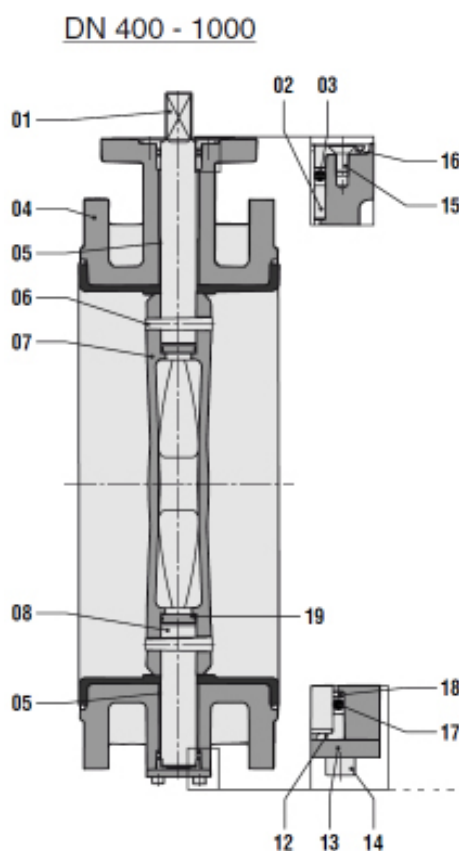
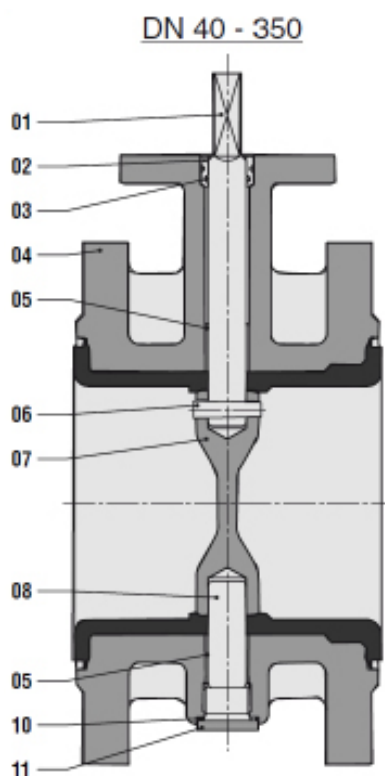


GENERAL SPECIFICATION

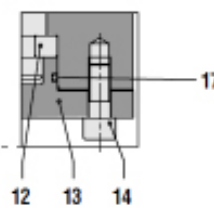
Body type	Double flanged short type, rubberlined
Valve function*	Isolating valve (on/off) and/or regulating valve
Installation	Bolting between two flanges with possibilities for downstream pipe dismantling
Flange connections*	PN 10 / 16 / 16 / 20 / ANSI Class 150 / JIS 5 / 10 / 16
Shut off pressure*	2,5 / 6 / 10 / 16 bar
Leakage rate	ISO 5208, Rate A (bi-directional tight shut off)
Face to face dimensions	ISO 5752 / EN 558
Type approvals*	KIWA, DVGW, WRC, SVGW, LRS, DNV, ABS, BV, GL, RIN, NKK, RMRS + DN 50 -1000:FM
Actuation possibilities*	Manual, electric, pneumatic or hydraulic

* To be specified when ordering

PARTS



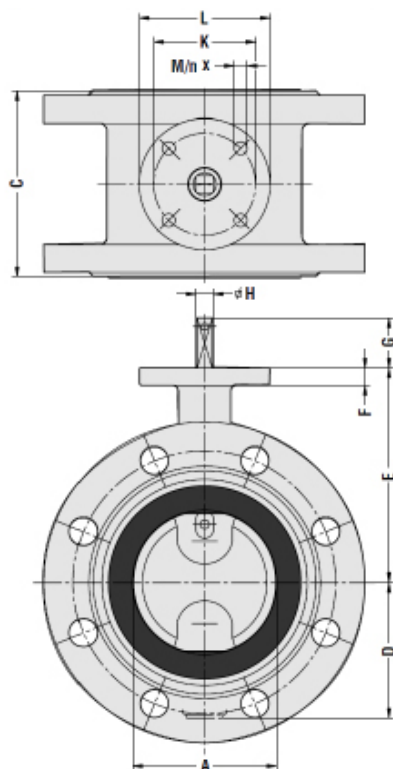
DN 1200 - 2000



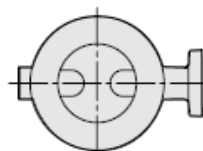
No.	Part
1	Shaft
2	Bush
3	O-ring
4	Body, rubber lined
5	Bearing
6	Conical pin
7	Disc
8	Shaft
10	Sealing ring
11	Plug
12	Axial bearing
13	Cover plate
14	Screw
15	Screw
16	Flanged bush
17	O-ring
18	Ring
19	Sealing plate

BUTTERFLY VALVES

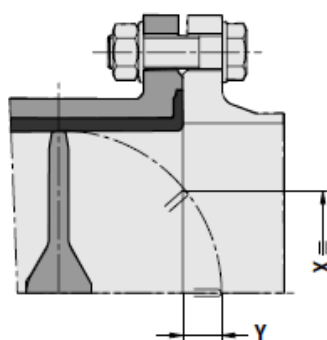
WOUTER WITZEL
Model EVFS DN 50 - 1000 (2" - 40")



Preferred position when installed
in horizontal pipeline



Disc protrusion + flange bolting



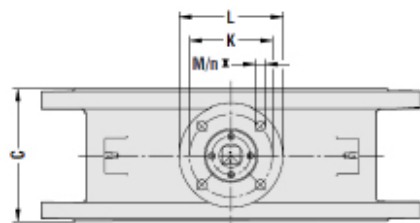
DIMENSIONS AND WEIGHTS

DN	NPS	A	C	D	E	F	G	H	K	L	M	n	ISO5211	X	Y	kg
40	1 1/2"	40	106	58	113	12	34	10	70	90	9	4	F07			7
50	2"	50	108	63	118	12	34	10	70	90	9	4	F07			8
65	2 1/2"	65	112	71	126	12	34	10	70	90	9	4	F07			9
80	3"	80	114	78	133	12	34	10	70	90	9	4	F07			11
100	4"	100	127	98	147	12	34	12	70	90	9	4	F07			13
125	5"	125	140	109	160	12	34	12	70	90	9	4	F07			17
150	6"	150	140	133	180	14	34	16	70	90	9	4	F07	53	5	23
200	8"	200	152	158	204	14	34	16	70	90	9	4	F07	130	24	32
250	10"	250	165	194	245	15	45	24	102	125	11	4	F10	188	43	50
300	12"	300	178	219	270	15	45	24	102	125	11	4	F10	242	61	65
350	14"	336	190	256	315	15	45	24	102	125	11	4	F10	277	73	95
400	16"	386	216	308	363	25	50	30	140	175	17	4	F14	320	85	130
450	18"	436	222	334	388	25	50	30	140	175	17	4	F14	376	107	150
500	20"	486	229	360	413	25	50	30	140	175	17	4	F14	429	129	200
600	24"	586	267	426	510	25	50	40	140	175	17	4	F14	522	160	300
700	28"	686	292	480	560	25	60	46	165	210	21	4	F16	621	197	380
750	30"	736	318	520	585	25	60	46	165	210	21	4	F16	665	210	440
800	32"	786	318	525	610	25	60	46	165	210	21	4	F16	719	234	500
900	36"	886	330	635	690	30	90	60	254	300	17	8	F25	823	278	660
1000	40"	986	410	685	740	30	90	60	*254	300	*17	8	*F25	897	288	900

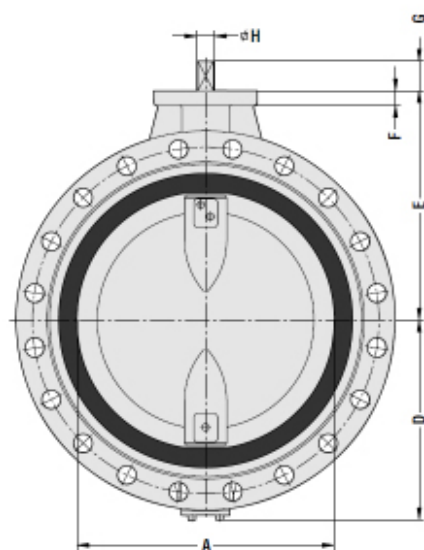
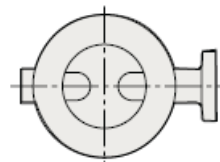
* Factory standard

BUTTERFLY VALVES

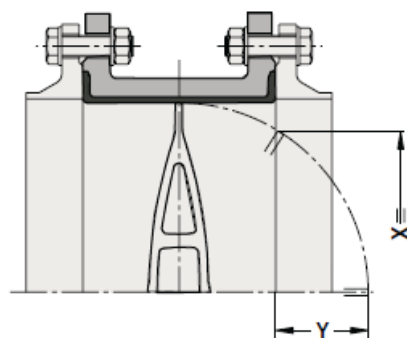
WOUTER WITZEL
Model EVFS DN 1200 - 2000 (48" - 80")



Preferred position when installed
in horizontal pipeline



Disc protrusion + flange bolting



DIMENSIONS AND WEIGHTS

DN	NPS	APmax	A	C	D	E	F	G	H	K	L	M	n	ISO5211	X	Y	kg
1200	48"	10 bar	1186	470	870	855	35	85	75	298	415	21	8	F30	1089	358	1300
1200	48"	16 bar	1186	470	870	855	35	85	75	356	415	31	8	F35	1089	358	1300
1400	56"	10 bar	1386	530	970	955	35	85	75	356	415	31	8	F35	1281	428	1700
1400	56"	16 bar	1386	530	980	955	35	100	90	356	415	31	8	F35	1281	428	1700
1600	64"	10 bar	1586	600	1096	1079	50	100	90	356	475	31	8	F35	1469	493	2500
1600	64"	16 bar	1586	600	1096	1079	50	120	105	406	475	37	8	F40	1469	493	2500
1800	72"	6 bar	1776	670	1187	1176	50	100	90	356	415	31	8	F35	1642	550	3500
1800	72"	10 bar	1776	670	1187	1176	50	120	105	406	475	37	8	F40	1642	550	3500
2000	80"	6 bar	1976	760	1287	1276	50	120	105	406	475	37	8	F40	1822	606	4000
2000	80"	10 bar	1976	760	1287	1276	50	140	120	406	475	37	8	F40	1822	606	4000
1200	48"	10 bar	1186	470	870	855	35	85	75	298	415	21	8	F30	1089	358	1300
1200	48"	16 bar	1186	470	870	855	35	85	75	356	415	31	8	F35	1089	358	1300
1400	56"	10 bar	1386	530	970	955	35	85	75	356	415	31	8	F35	1281	428	1700
1400	56"	16 bar	1386	530	980	955	35	100	90	356	415	31	8	F35	1281	428	1700
1600	64"	10 bar	1586	600	1096	1079	50	100	90	356	475	31	8	F35	1469	493	2500
1600	64"	16 bar	1586	600	1096	1079	50	120	105	406	475	37	8	F40	1469	493	2500
1800	72"	6 bar	1776	670	1187	1176	50	100	90	356	415	31	8	F35	1642	550	3500
1800	72"	10 bar	1776	670	1187	1176	50	120	105	406	475	37	8	F40	1642	550	3500
2000	80"	6 bar	1976	760	1287	1276	50	120	105	406	475	37	8	F40	1822	606	4000
2000	80"	10 bar	1976	760	1287	1276	50	140	120	406	475	37	8	F40	1822	606	4000