BUTTERFLY VALVES

TECHNICAL CATALOGUE

AENOR
Empresa Registrada
ER-0780/02/97

ISO-9001:2000

0056

SERIES FL(w)

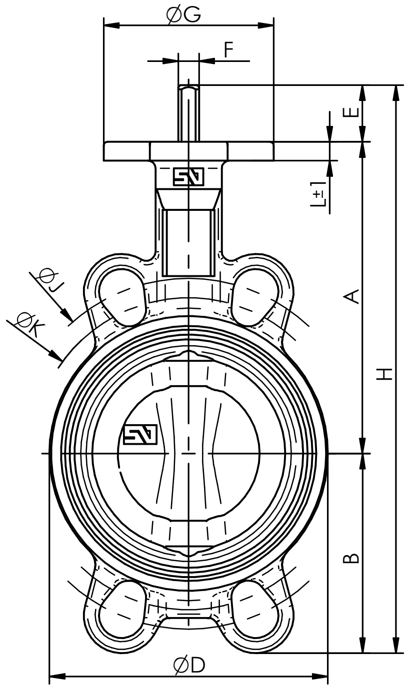
BUTTERFLY VALVES

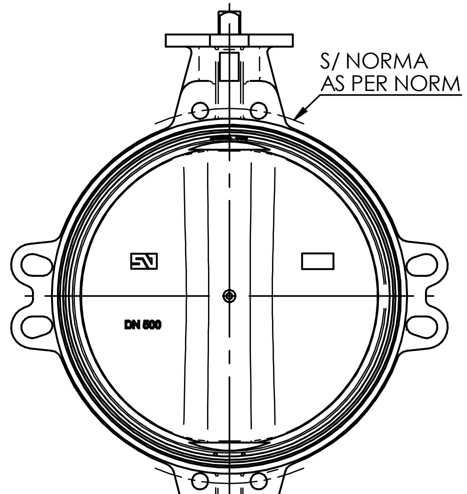
TECHNICAL CATALOGUE

AENOR Empresa Registrada ER-0780/02/97 ISO-9001:2000 0056

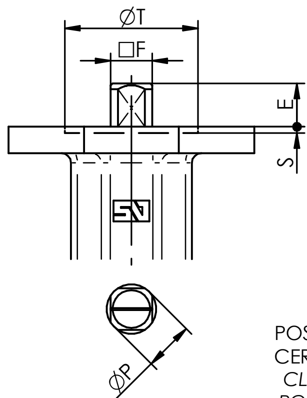
4.1 SERIES FL(w)

Designation:	**Technical Sheet:**
• FL(w) valve general dimensions.	FL(w) -001- DT
• FL(w) valve manual operation dimension.	FL(w) -002- DT
• FL(w) valve automatic operation dimension.	FL(w) -003- DT
• FL(w) valve flange assembly.	FL(w) -004- DT
• FL(w) valve assembly screwing.	FL(w) -005- DT
• FL(w) DN 25/200 valve material details	FL(w) -010- DT
• FL(w) DN 250/500 valve material details.	FL(w) -011- DT
• FL(w) DN 600/1100 valve material details.	FL(w) -012- DT
• FL(w) DN 1200 valve material details.	FL(w) -013- DT

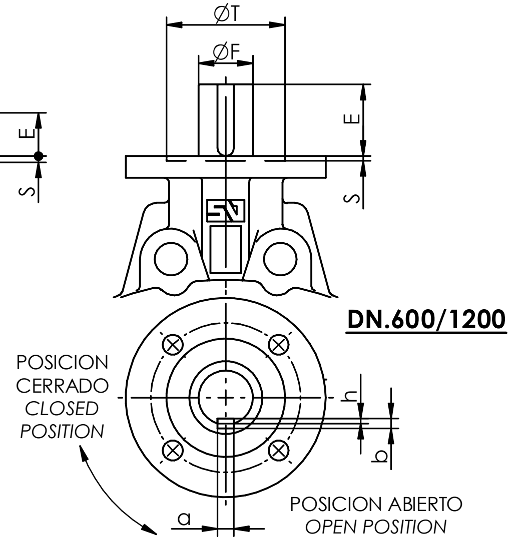


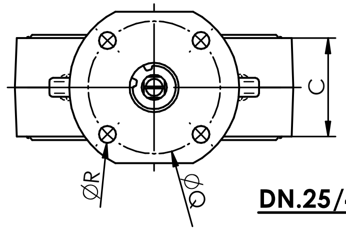


DN.500/1200



DN.25/500





DN.25/450

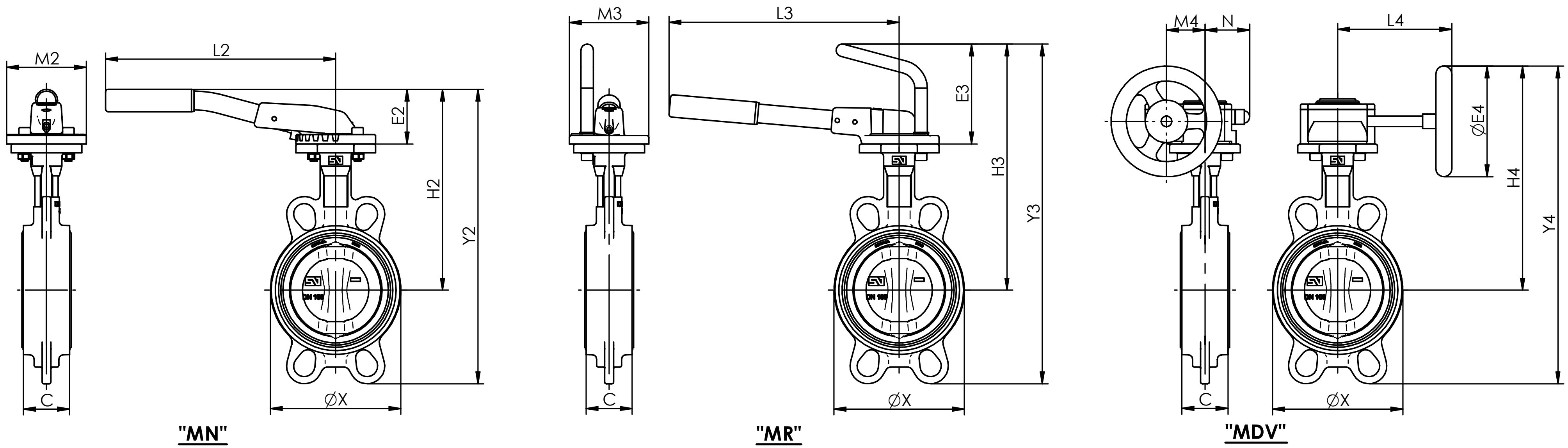
DIMENSIONES GENERALES / *GENERAL DIMENSIONS*														CABEZA / *HEAD*						CHAVETA *KEYWAY*	
mm	**Pulg** *Inch*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**J**	**K**	**L**	**Peso** *Weight*	**ISO**	**P**	**Q**	**R**	**S**	**T**	**a x b**	**h**
25	**1”**	102.5	60.2	33	68	30	11	90	192.7	100	85	8	1.5	F-07	13	70	4x9				
32	**1¼”**	102.5	60.2	33	68	30	11	90	192.7	100	85	8	1.5	F-07	13	70	4x9				
40	**1 ½”**	110	56	33	76	30	11	90	196	110	95	10	1.6	F-07	13	70	4x9				
50	**2”**	120	61.5	43	100	30	11	90	211.5	123	120.6	10	2.4	F-07	13	70	4x9				
65	**2 ½”**	135	69	46	108	30	11	90	234	145	127	10	2.7	F-07	13	70	4x9				
80	**3”**	141	94	46	124	30	11	90	265	160	145	10	3.2	F-07	13	70	4x9				
100	**4”**	165	106	52	147	30	11	90	301	185.5	165	10	4.0	F-07	13	70	4x9				
125	**5”**	180	126.5	56	180	33	14	90	339.5	225	206	12	6.2	F-07	17	70	4x9				
150	**6”**	193	133	56	206	33	14	90	359	241.3	229	12	7.3	F-07	17	70	4x9				
200	**8”**	225	170	60	257	33	17	90	428	305	280	12	11.1	F-07	20.3	70	4x9				
250	**10”**	282.5	210	68	324	23	22	130	515.5	362	335	14	20.2	F-10	26.2	102	4x12	3	70		
300	**12”**	308	240	78	376	23	22	130	571	431.8	394	14	29.6	F-10	26.2	102	4x12	3	70		
350	**14”**	338.5	263	78	422	31	22	160	632.5	476.3	445	16	35.2	F-10	28	102	4x12	3	70		
400	**16”**	380	308	102	480	31	27	160	719	540	510	18	55.5	F-12	33	125	4x14	4	85		
450	**18”**	380.5	340	114	536	38	36	190	758.5			20	79.7	F-14	48	140	4x18	4	100		
500	**20”**	432.5	380	127	593	38	36	210	850.5			20	114	F-14	48	140	4x18	4	100		
600	**24”**	494	440	154	690	80	60	210	1014			24	170.9	F-16		165	4x22	5	130	18x11	7
700	**28”**	590	490	165	830	106	65	300	1186			30	252.9	F-25		254	8x18	5	200	18x11	7
750	**30”**	590	530	190	836	106	80	300	1226			25	294.9	F-25		254	8x18	5	200	22x14	9
800	**32”**	630	565	190	902	106	80	300	1301			28	346.5	F-25		254	8x18	5	200	22x14	9
900	**36”**	695	610	203	1010	110	80	350	1415			32	459.5	F-25		254	8x18	5	200	22x14	9
1000	**40”**	770	675	216	1116	110	80	350	1555			32	580.7	F-25		254	8x18	5	200	22x14	9
1100	**44”**	815	733	216	1215	110	80	350	1658			32	715.5	F-25		254	8x18	5	200	22x14	9
1200	**48”**	875	818	254	1334	110	100	350	1803			40	963.3	F-30		298	8x23	5	230	28x16	10

SIGEVAL,S.A

VALVULA DE MARIPOSA "FL(w)" / *BUTTERFLY VALVE "FL(w)"*
DIMENSIONES GENERALES / *GENERAL DIMENSIONS*

REVISION
07
14-10-10

FICHA TECNICA N:
FL(w)-001-DT



DN				MN						MR						MDV							
Mn	**Pulg**	**C**	**X**	**E2**	**H2**	**Y2**	**L2**	**M2**	**Kg**	**E3**	**H3**	**Y3**	**L3**	**M3**	**Kg**	**REF**	**E4**	**H4**	**Y4**	**L4**	**M4**	**N**	**Kg**
25	**1”**	33	68	49	151.5	211.7	220	90	1.9	113	215.5	276	260	90	2.1	0	125	190.5	250.8	129	43.5	50.5	2.7
32	**1¼”**	33	68	49	151.5	211.7	220	90	1.9	113	215.5	276	260	90	2.1	0	125	190.5	250.8	129	43.5	50.5	2.7
40	**1½”**	33	76	49	159	215	220	90	2.0	113	223	279	260	90	2.3	0	125	198	254	129	43.5	50.5	2.8
50	**2”**	43	100	49	169	230.5	220	90	2.8	113	233	294.5	260	90	3.1	0	125	208	269.5	129	43.5	50.5	3.6
65	**2½”**	46	108	49	184	253	220	90	3.1	113	248	317	260	90	3.4	0	125	223	292	129	43.5	50.5	3.9
80	**3”**	46	124	60	201	295	260	90	3.7	113	254	348	260	90	3.9	0	125	229	323	129	43.5	50.5	4.4
100	**4”**	52	147	60	225	331	260	90	4.5	113	278	384	260	90	4.7	0	125	253	359	129	43.5	50.5	5.2
125	**5”**	56	180	75	255	381	315	90	6.8	113	293	419.5	310	90	6.9	1	160	285.5	412	135	43.5	50.5	7.6
150	**6”**	56	206	75	268	401	315	90	7.9	113	306	439	310	90	8.0	1	160	298.5	431.5	135	43.5	50.5	8.7
200	**8”**	60	257	75	300	470	315	90	11.7	113	338	508	310	90	11.8	1A	200	355	525	152	52.5	59	13.7
250	**10”**	68	324							121	403.5	613.5	500	130	21.9	2	250	442.5	652.5	222	61.2	70.5	23.7
300	**12”**	78	376							121	429	669	500	130	31.3	2	250	468	708	222	61.2	70.5	33.1
350	**14”**	78	430							121	459.5	722.5	500	130	36.9	2	250	498.5	761.5	222	61.2	70.5	38.7
400	**16”**	102	485													2A	300	572.5	880.5	278	68.8	72.5	64.4
450	**18”**	114	536													3	400	630.5	970.5	321	96.5	91.5	98.1
500	**20”**	127	593													3	400	682.5	1063	321	96.5	91.5	132
600	**24”**	154	690													4	500	798.5	1239	408	137.5	140	205
700	**28”**	165	830													4	600	944.5	1435	424	137.5	140	288
750	**30”**	190	836													5	600	944.5	1475	456	137.5	140	336
800	**32”**	190	902													5	600	984.5	1550	456	137.5	140	388
900	**36”**	203	1010													6	700	1109	1719	510	180	156	520
1000	**40”**	216	1116													7	700	1184	1859	579	180	156	647
1100	**44”**	216	1215													7	700	1229	1962	579	180	156	782
1200	**48”**	254	1334													8	700	1310	2128	593	252	228	1159

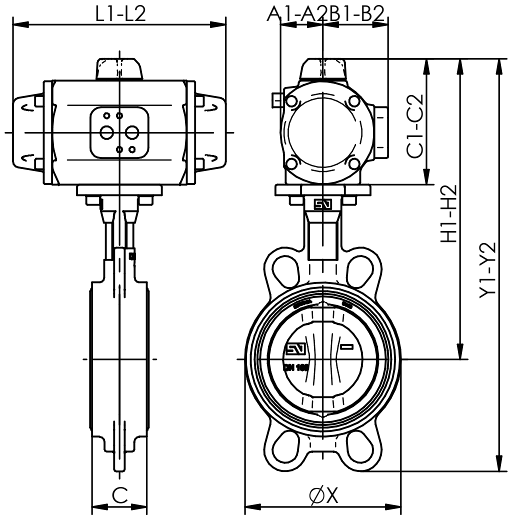
SIGEVAL,S.A

VALVULA DE MARIPOSA "FL(w)" / *BUTTERFLY VALVE "FL(w)"*

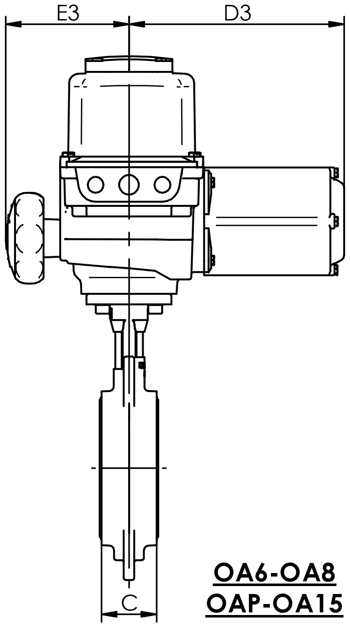
ACT. MANUAL / *MANUAL ACT.*

REVISION 05 14-10-10

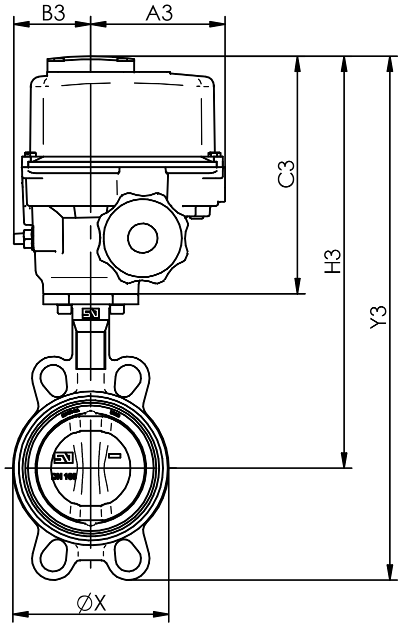
FICHA TECNICA N: **FL(w)-002- DT**

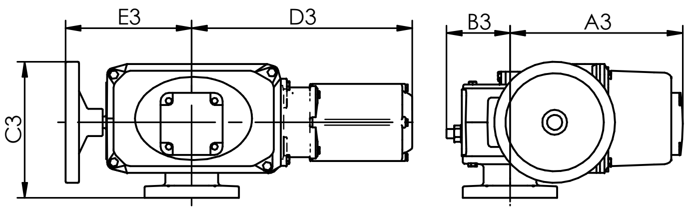


ACCIONAMIENTO NEUMATICO
PNEUMATIC ACTUATOR

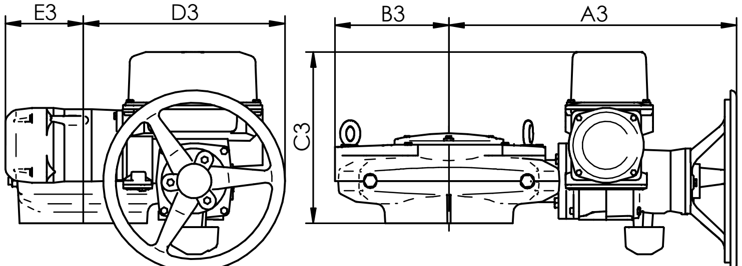


OA6-OA8
OAP-OA15





ASP-AS50-AS80-BS100



AS200-AS400
AS600-AS1000

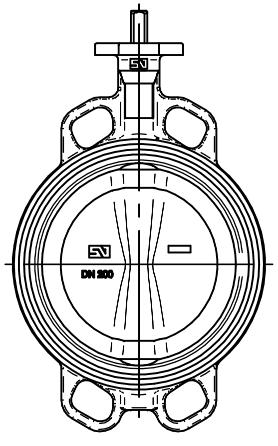
DN				DOBLE EFECTO - *DOUBLE ACTING*								SIMPLE EFECTO – *SPRING RETURN*								ACT. ELECTRICO – *ELECTRIC ACT.*								
mm	Pulg	C	X	REF	A1	B1	C1	H1	Y1	L1	Kg1	REF	A2	B2	C2	H2	Y2	L2	Kg2	REF	A3	B3	C3	D3	E3	H3	Y3	Kg3
25	**1”**	33	68	PA00	31.9	52.2	120.5	223	283.3	152.8	2.9	PA00S	31.9	52.2	120.5	223	283.3	152.8	3.1	OA6	127	73	225	203	116	327.5	387.7	8.5
32	**1¼”**	33	68	PA00	31.9	52.2	120.5	223	283.3	152.8	2.9	PA00S	31.9	52.2	120.5	223	283.3	152.8	3.1	OA6	127	73	225	203	116	327.5	387.7	8.5
40	**1½“**	33	76	PA00	31.9	52.2	120.5	230.5	286.5	152.8	3.0	PA00S	31.9	52.2	120.5	230.5	286.5	152.8	3.2	OA6	127	73	225	203	116	335	391	8.6
50	**2”**	43	100	PA00	31.9	52.2	120.5	240.5	302	152.8	3.8	PA00S	31.9	52.2	120.5	240.5	302	152.8	4.0	OA6	127	73	225	203	116	345	406.5	9.4
65	**2½”**	46	108	PA05	39.9	61.7	119	254	323	201.2	5.3	PA05S	39.9	61.7	119	254	323	201.2	5.6	OA6	127	73	225	203	116	360	429	9.7
80	**3”**	46	124	PA05	39.9	61.7	119	260	354	201.2	5.8	PA10S	40.9	62.7	123	264	358	225	6.7	OA6	127	73	225	203	116	366	460	10.2
100	**4”**	52	147	PA05	39.9	61.7	119	284	390	201.2	6.6	PA15S	48.9	70.5	138.6	303.6	409.5	265	9.0	OA6	127	73	225	203	116	390	496	11.0
125	**5”**	56	180	PA10	40.9	62.7	123	303	429.5	225	9.3	PA20S	52.4	75.1	146.8	326.8	453.2	310	12.8	OA8	127	73	225	203	116	405	531.5	13.2
150	**6”**	56	206	PA15	48.9	70.5	138.6	331.6	464.5	265	11.5	PA25S	64.3	89.2	174.8	367.8	500.7	358.2	18.6	OA15	127	73	225	246	116	418	551	14.3
200	**8”**	60	257	PA20	52.3	75.1	146.8	371.8	541.7	310	16.7	PA30S	71.7	97.3	191.3	416.3	586.3	427.5	26.4	OA15	127	73	225	246	116	450	620	18.1
250	**10”**	68	324	PA25	64.2	89.2	174.8	457.2	667.2	358.2	29.5	P40S	106	120	272	554.5	764.5	598	56.6	ASP	229	84	180	292	167	462.5	672.5	35.2
300	**.5**	78	376	PA30	71.7	97.3	191.3	499.3	739.3	427.5	41.2	P40S	106	120	272	580	820	598	66.0	AS50	229	84	226	360	168	534	774	49.6
350	**14”**	78	430	P40	106	120	272	610.5	873.5	444	52.8	P40S	106	120	272	610.5	873.5	598	71.6	AS80	229	84	327	360	168	665.5	928.5	56.2
400	**16”**	102	485	P40	106	120	272	652	960	444	73.1	P50S	122.5	135	383	763	1071	694	116	BS100	284	140	212	412	171	592	900	85.5
450	**18”**	114	536	P50	122.5	135	313	693.5	1033	524	110	PA60S	158.5	172	438	818.5	1158	672.5	165	AS200	476	188	284	333	129	664.5	1004	137
500	**20”**	127	593	P50	122.5	135	313	745.5	1125	524	145	PA70S	186	217	498	930.5	1310	742.5	232	AS200	476	188	284	333	129	716.5	1096	171
600	**24”**	154	690	PA60	158.5	172	368	862	1302	672.5	219									AS400	510	154	284	288	174	778	1218	231
700	**28”**	165	830	PA70	186	217	453	1043	1533	742.5	343									AS600	558	184	303	382	150	893	1383	337
750	**30”**	190	836																	AS1000	596	184	303	332	150	893	1423	380
800	**32”**	190	902																	AS1000	596	184	303	332	150	933	1498	432
900	**36”**	203	1010																	AS1000	596	184	303	332	150	998	1608	545

SIGEVAL,S.A

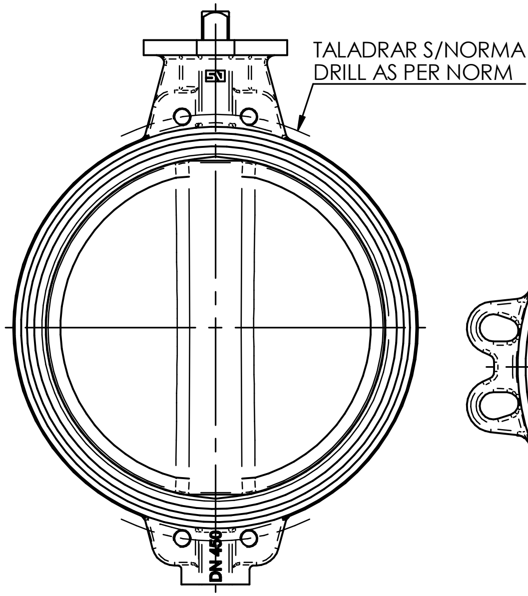
VALVULA MARIPOSA "FL(w)" / *BUTTERFLY VALVE "FL(w)"*
ACTO. AUTOMATICO / *AUTOMATIC ACT.*

REVISION
05
14-10-10

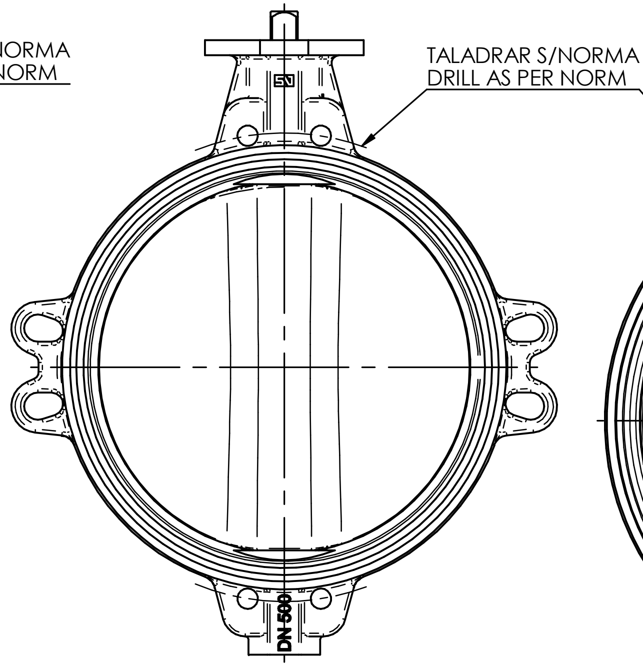
FICHA TECNICA N:
FL(w)-003- DT



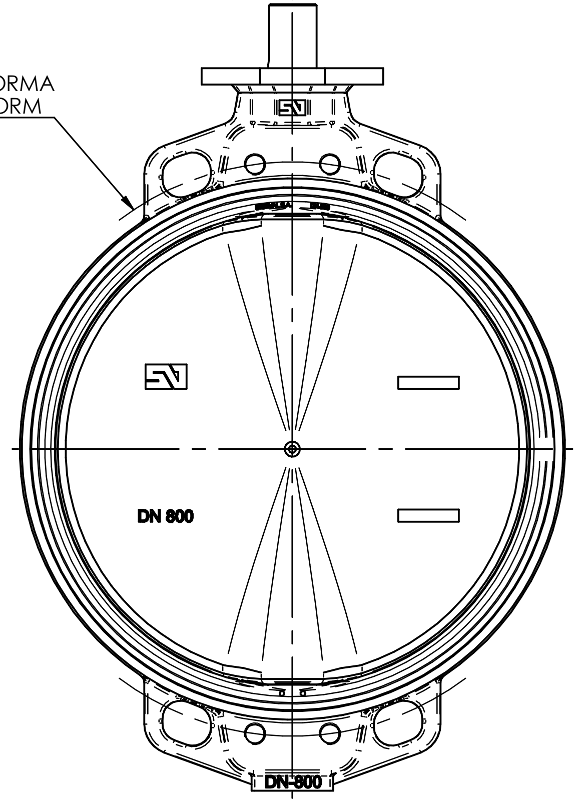
DN.40/400



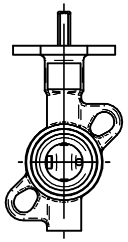
DN.450



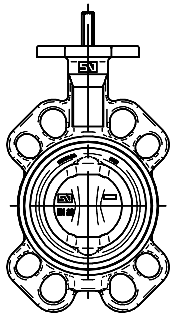
DN.500/700



DN.750/1200



DN.25/32



DN.80

POSIBILIDADES DE MONTAJE S/NORMAS DE BRIDAS / *POSSIBILITIES ASSEMBLY ACCORDING NORMS OF FLANGES*

DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750	800	900	1000	1100	1200
PN.6	O	X	X	O	X	X	X	X	X	X	X	X	X	O	O	O	O	–	X	O	O	O	O	O
PN.10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PN.16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PN.20	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
ANSI 150 Lbs	O	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	O	X	X	X	O	O	O
AWWA							X	X	X	X	X	X	X	X	X	X	X	O	X	X	X	O	O	O
ASME B16.47a-150																		O	X	X	X	O	O	O
ASME B16.47a-300																		–	–	–	–	O	X	X
ASME B16.47b-150																		–	O	O	O	O	O	O
ASME B16.47b-300																		O	O	O	X	O	O	O
BS, D	O	X	X	O	X	X	X	X	X	X	O	X	X	O	X	O	O		O		O			X
BS, E	O	X	X	O	X	X	X	X	X	X	X	X	X	O	X	O	O		O		O			X
JIS 5k	O	X	X	–	X	X	X	X	X	X	X	X	O	O	O	O	O	O	X	O	O	O	O	O
JIS 10k	O	X	X	X	X	X	X	X	X	X	X	O	X	X	X	X	X	X	X	O	X	X	X	X
JIS 16k	O	X	X	O	O	X	X	X	O	X	O	O	O	X	X	X	X	–	X	X	X	X	X	X
AS 2129 E	O	X	X	O	X	X	X	X	X	X	X	X	X	O	X	O	O	O	O	O	O	O		X

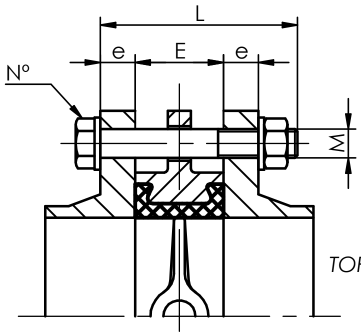
X ESTANDARD / *STANDARD*
O BAJO DEMANDA / *ON REQUEST*
-- NO POSIBLE / *NOT POSSIBLE*

SIGEVAL,S.A

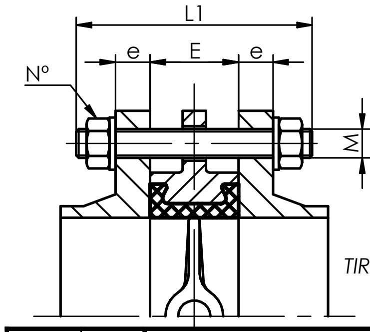
VALVULA DE MARIPOSA "FL(w)" / *BUTTERFLY VALVE "FL(w)"*
BRIDAS DE MONTAJE / *ASSEMBLY FLANGES*

REVISION
05
14-10-10

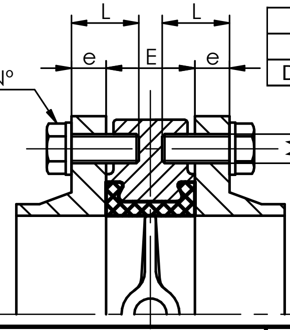
FICHA TECNICA N:
FL(w)-004- DT



"A-A"
TORNILLO / SCREW

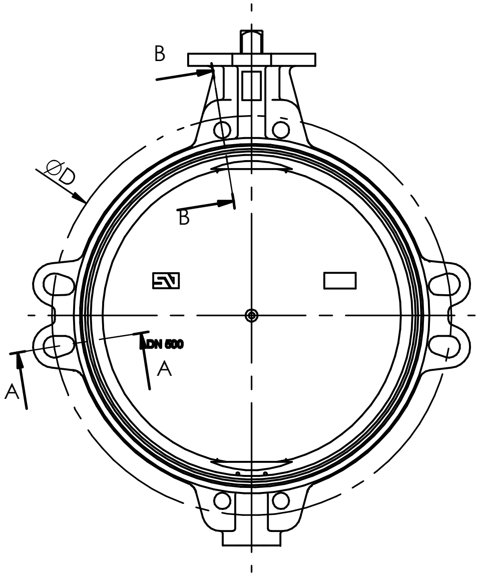


"A-A"
TIRANTE / LINK



"B-B"
TORNILLO SOLO/
SCREW ONLY

DN.450	PN.10-PN.16
DN.500	ANSI 150
DN.700/1200	PN.10-PN.16-ANSI 150



DN	E	PN.10						PN.16						ANSI 150 Lbs					
		D	e	M	L	L1	Nº	D	e	M	L	L1	Nº	D	e	M	L	L1	Nº
25	33	85	16	M12	90	110	4	85	16	M12	90	110	4	79.4	14.3	1/2"	85	105	4
32	33	100	16	M16	90	110	4	100	16	M16	90	110	4	88.9	17.5	1/2"	90	110	4
40	33	110	16	M16	90	110	4	110	16	M16	90	110	4	98.4	17.5	1/2"	90	110	4
50	43	125	18	M16	100	120	4	125	18	M16	100	120	4	120.6	19	5/8"	100	120	4
65	46	145	18	M16	100	120	4	145	18	M16	100	120	4	139.7	22.2	5/8"	110	130	4
80	46	160	20	M16	110	130	8	160	20	M16	110	130	8	152.4	23.8	5/8"	110	130	4
100	52	180	20	M16	110	130	8	180	20	M16	110	130	8	190.5	23.8	5/8"	120	140	8
125	56	210	22	M16	120	140	8	210	22	M16	120	140	8	215.9	23.8	3/4"	130	150	8
150	56	240	22	M20	130	150	8	240	22	M20	130	150	8	241.3	25.4	3/4"	130	150	8
200	60	295	24	M20	130	160	8	295	24	M20	130	160	12	298.5	28.6	3/4"	140	160	8
250	68	350	26	M20	150	170	12	355	26	M24	150	170	12	361.9	30.2	7/8"	160	180	12
300	78	400	26	M20	160	180	12	410	28	M24	160	180	12	431.8	31.7	7/8"	170	190	12
350	78	460	26	M20	170	180	16	470	30	M24	170	190	16	476.2	34.9	1"	180	200	12
400	102	515	26	M24	180	210	16	525	32	M27	200	220	16	539.7	36.5	1"	210	230	16
450	114	565	26	M24	190	220	16	585	32	M27	210	240	16	577.8	39.7	1.1/8"	230	250	16
				M24	60		8			M27	60		8						
500	127	620	28	M24	210	230	20	650	34	M30	230	260	20	635.0	46	1.1/8"	250	280	16
																1.1/8"	105		8
600	154	725	28	M27	240	270	20	770	36	M33	260	290	20	749.3	47.6	1.1/4"	280	310	20
700	165	840	30	M27	260	280	20	840	36	M33	270	300	20	863.5	52.5	1.1/4"	310	340	24
				M27	80		8			M33	85		8			1.1/4"	110		8
750	190	900	32	M30	290	320	20	900	38	M33	300	340	20	914.4	54	1.1/4"	335	375	24
				M30	95		8			M33	100		8			1.1/4"	110		8
800	190	950	32	M30	290	320	20	950	38	M36	310	345	20	978	57	1.1/2"	340	380	24
				M30	110		8			M36	80		8			1.1/2"	95		8
900	203	1050	34	M30	310	350	24	1050	40	M36	330	375	24	1086	60	1.1/2"	370	415	28
				M30	100		8			M36	100		8			1.1/2"	110		8
1000	216	1160	34	M33	325	360	24	1170	42	M39	345	390	24	1200	63.5	1.1/2"	390	430	32
				M33	95		8			M39	100		8			1.1/2"	120		8
1100	216	1270	38	M33	330	370	28	1270	48	M39	360	400	28	1314.5	101	1.1/2"	465	410	36
				M33	100		8			M39	110		8			1.1/2"	150		8
1200	254	1380	38	M36	375	420	28	1390	48	M45	395	445	28	1422	108	1.1/2"	475	520	40
				M36	110		8			M45	115		8			1.1/2"	165		8

LOS TALADROS ROSCADOS PARA EL MONTAJE ENTRE BRIDAS SERÁN:
- ROSCA METRICA PARA NORMAS PN.
- ROSCA UNC PARA NORMAS ANSI 150.

OTRO TIPO DE ROSCAS BAJO DEMANDA.

THREADED HOLES FOR THE ASSEMBLY BETWEEN FLANGES WILL BE:
- *METRIC THREAD STANDARDS FOR PN. NORMS.*
- *UNC THREAD STANDARDS FOR ANSI 150 NORMS.*

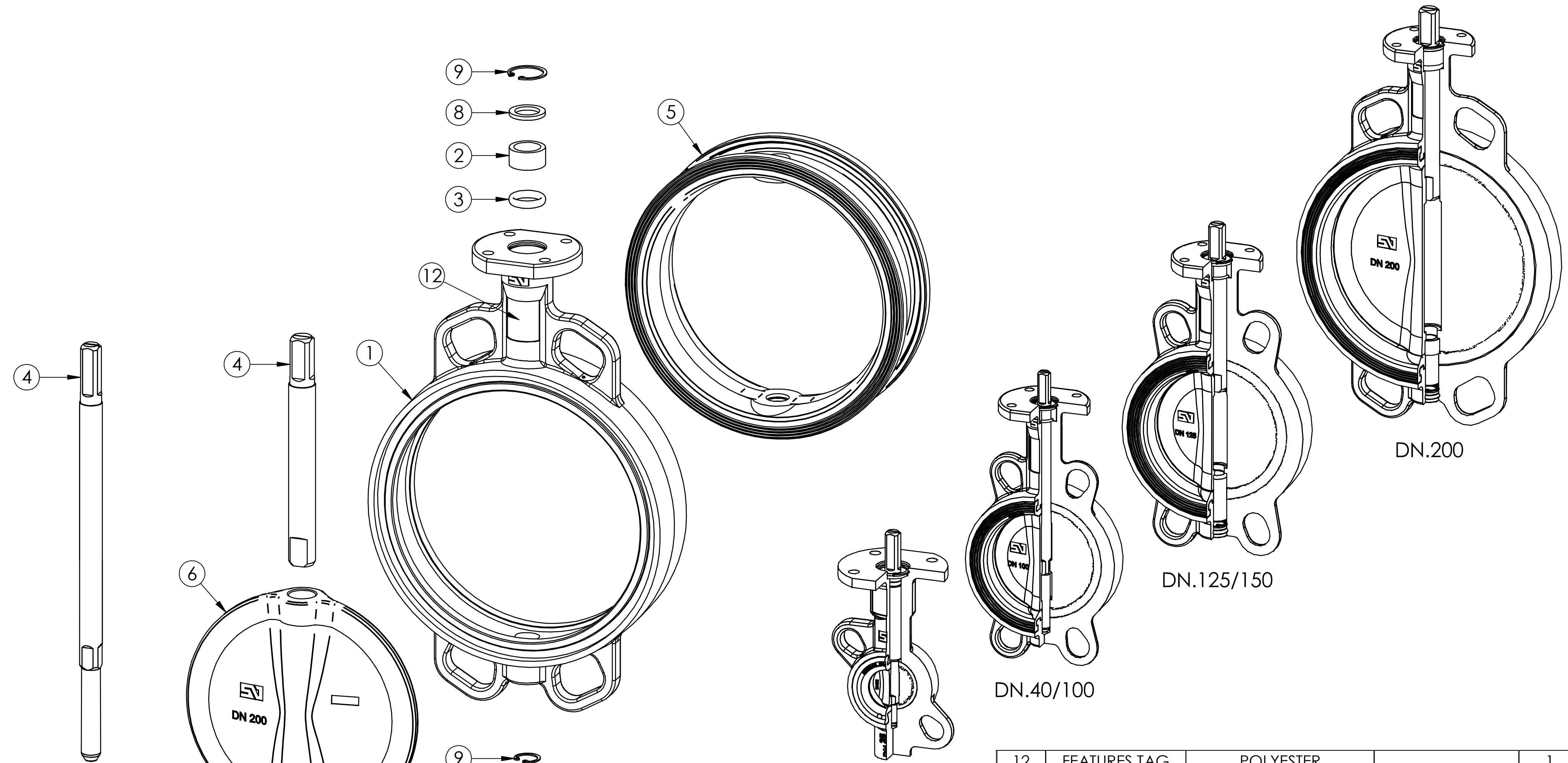
OTHER THREAD ON REQUEST.

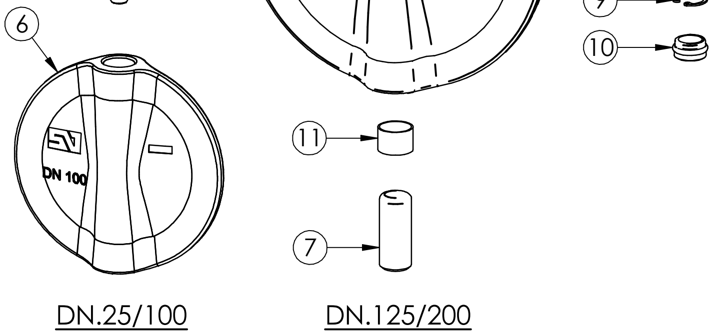
SIGEVAL,S.A

VALVULA DE MARIPOSA "FL(w)" / *BUTTERFLY VALVE "FL(w)"*
TORNILLERIA DE MONTAJE / *ASSEMBLYING SCREWING*

REVISION
06
14-10-10

FICHA TECNICA N:
FL(w)-005- DT





TECHNICAL DATA
MAX. SERVICE PRESSURE:
- DN.25/150 – 16 Kg/cm²
- DN.200 – 10 Kg/cm²

HYDROSTATIC AND RESISTANCE TEST
OPEN VALVE:
- DN.25/150 - 24 Kg/cm²
- DN.200 – 15 Kg/cm²

CLOSED VALVE:
- DN.25/150 – 17.6 Kg/cm²
- DN.200 – 11 Kg/cm²

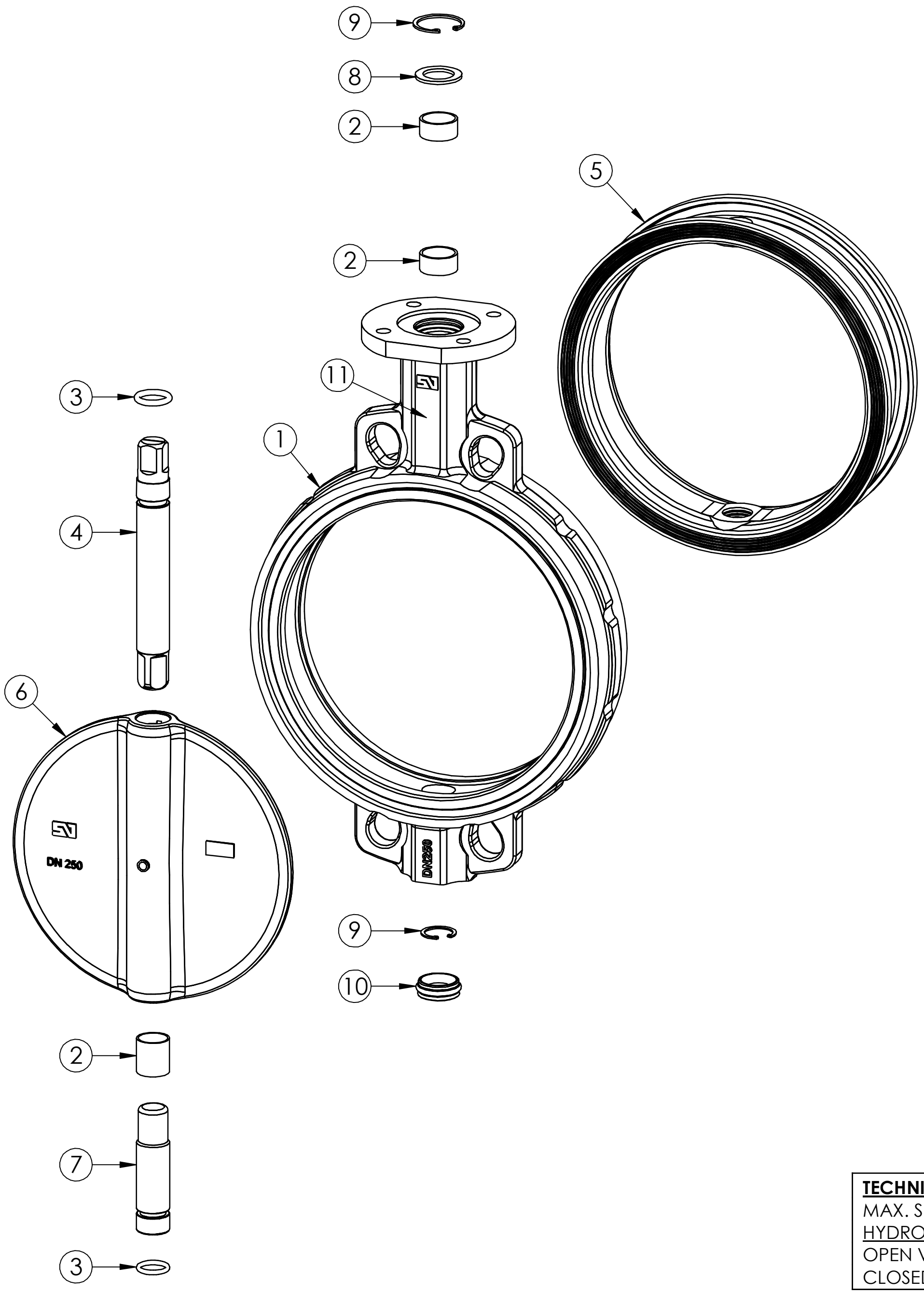
ITEM	DESIGNATION	MATERIAL	REMARKS	QUAN
12	FEATURES TAG	POLYESTER		1
11	BUSHING	STEEL-BZ-PTFE	DN.200	1
10	LOWER PLUG	E.P.D.M.	DN.125/200	1
9	ZEGI RING BODY DIN 472	ZINC PLATED STEEL	DN.32/100	1
			DN.125/200	2
8	RETAINING RING	ZINC PLATED STEEL		1
7	LOWER SHAFT	ACC. TO SHEET E-0001	DN.125/200	1
6	DISC	ACC. TO SHEET M-0001		1
5	SEAT	ACC. TO SHEET A-0001		1
4	UPPER SHAFT	ACC. TO SHEET E-0001		1
3	"O" RING	NITRILE		1
2	BUSHING	ACETAL DELRIN	DN.40/200	1
1	VALVE BODY	ACC. TO SHEET C-0001	COATING EPOXY	1

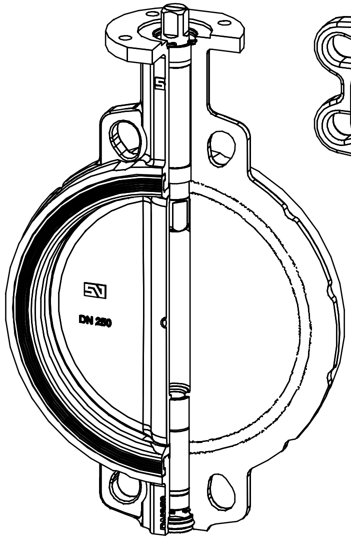
SIGEVAL,S.A

BUTTERFLY VALVE "FL(w)" TYPE
DN.25/200. MATERIALS DE TAIL

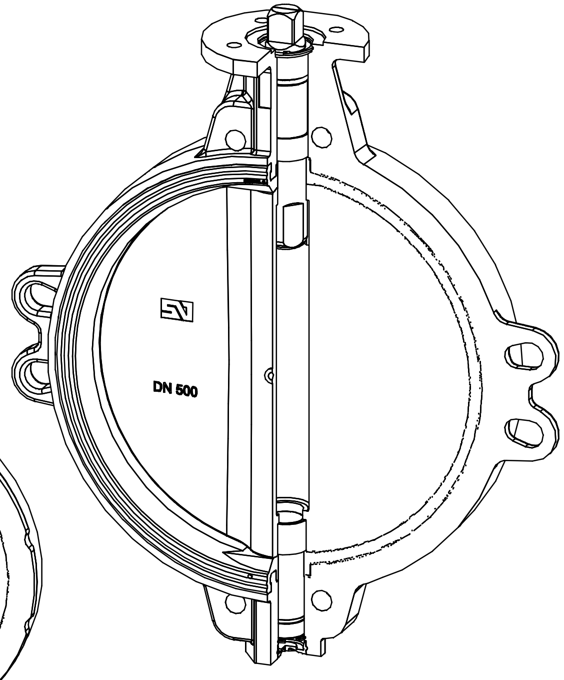
REVISION
03
11-07-15

TECHNICAL SHEET:
FL(w)-010-DT





DN.250/450



DN.500

TECHNICAL DATA
MAX. SERVICE PRESSURE: 10 Kg/cm²
HYDROSTATIC AND RESISTANCE TEST
OPEN VALVE: 15 Kg/cm²
CLOSED VALVE: 11 Kg/cm²

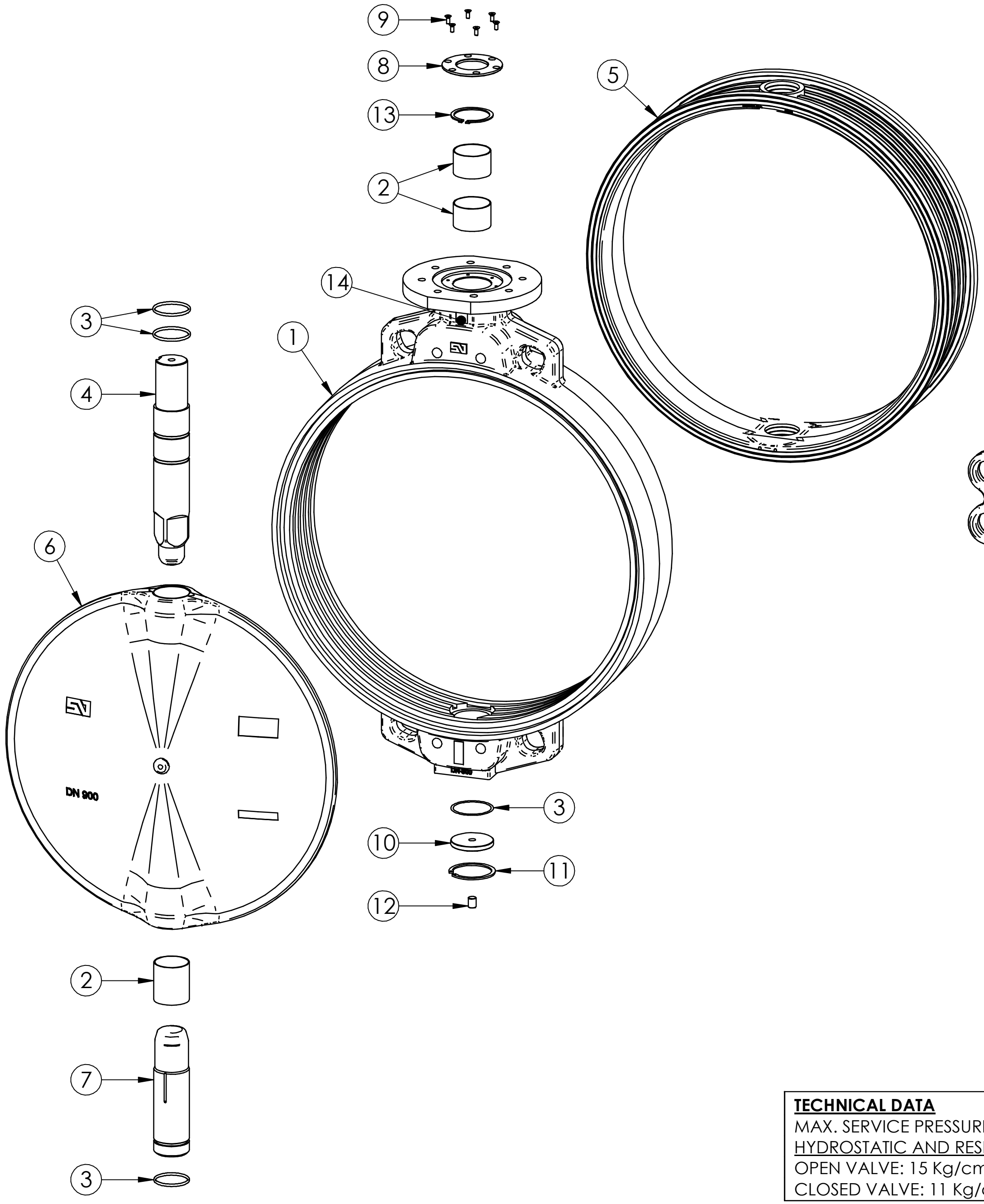
ITEM	DESIGNATION	MATERIAL	REMARKS	QUAN
11	FEATURES TAG	POLYESTER		1
10	LOWER PLUG	E.P.D.M.		1
9	ZEGI RING BODY	ZINC PLATED STEEL	DIN 472	2
8	RETAINING RING	ZINC PLATED STEEL		1
7	LOWER SHAFT	ACC. TO SHEET E-0001		1
6	DISC	ACC. TO SHEET M-0001		1
5	SEAT	ACC. TO SHEET A-0001		1
4	UPPER SHAFT	ACC. TO SHEET E-0001		1
3	"O" RING	NITRILE		2
2	BUSHING	STEEL-BZ-PTFE		3
1	VALVE BODY	ACC. TO SHEET C-0001	COATING EPOXY	1

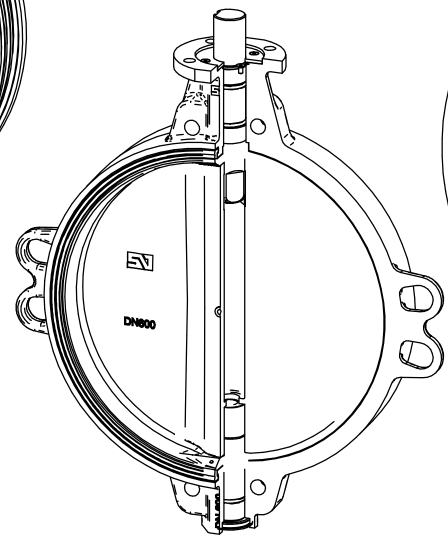
SIGEVAL,S.A

BUTTERFLY VALVE "FL(w)" TYPE
DN.250/500. MATERIALS DE TAIL

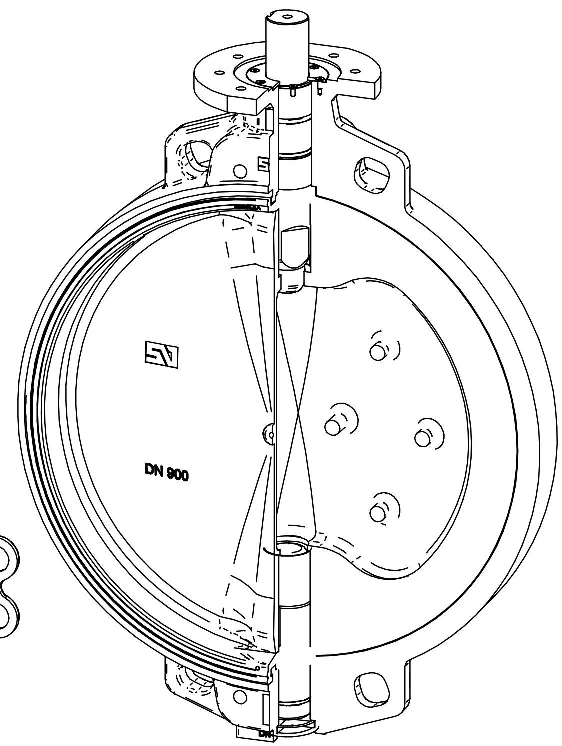
REVISION
04
14-10-10

TECHNICAL SHEET:
FL(w)-011-DT





DN.600/800



DN.900/1100

TECHNICAL DATA
MAX. SERVICE PRESSURE: 10 Kg/cm²
HYDROSTATIC AND RESISTANCE TEST
OPEN VALVE: 15 Kg/cm²
CLOSED VALVE: 11 Kg/cm²

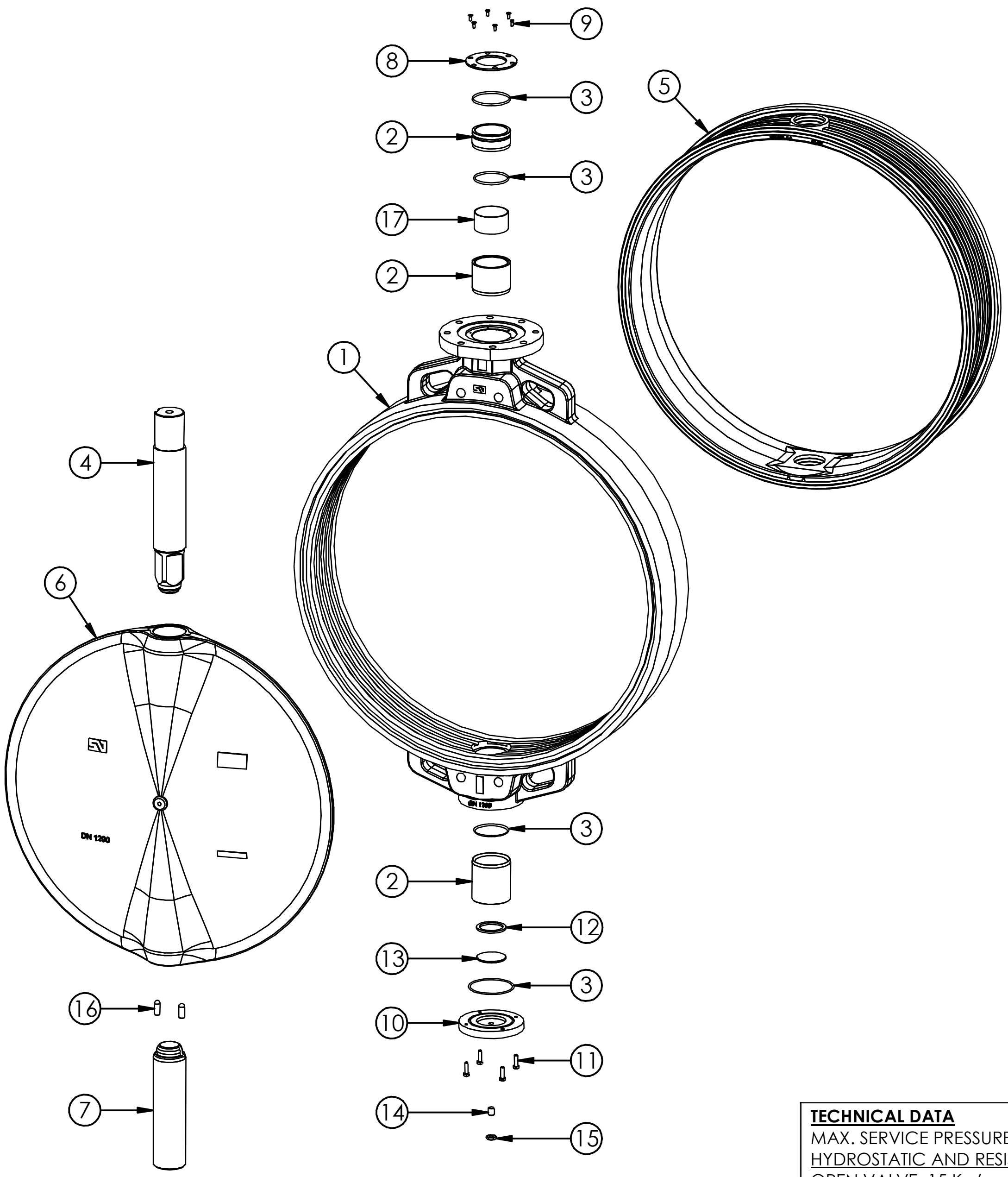
ITEM	DESIGNATION	MATERIAL	REMARKS	QUAN
14	FEATURES TAG	POLYESTER		1
13	RETAINING RING SHAFT ONLY DIN.600/800	ZINC PLATED STEEL	DIN 471	1
12	SCREW ONLY DN.800/1100	ZINC PLATED STEEL	DIN 913	1
11	ZEGI RING BODY	ZINC PLATED STEEL	DIN 472	1
10	LOWER COVER	ZINC PLATED STEEL		1
9	BOLT OF UPPER COVER DIN 7991	ZINC PLATED STEEL	DN.600 DN.700/1100	4 6
8	UPPER COVER	CARBON STEEL	COATING EPOXY	1
7	LOWER SHAFT	ACC. TO SHEET E-0001		1
6	DISC	ACC. TO SHEET M-0001		1
5	SEAT	ACC. TO SHEET A-0001		1
4	UPPER SHAFT	ACC. TO SHEET E-0001		1
3	"O" RING	NITRILE		4
2	BUSHING	STEEL-BZ-PTFE		3
1	VALVE BODY	ACC. TO SHEET C-0001	COATING EPOXY	1

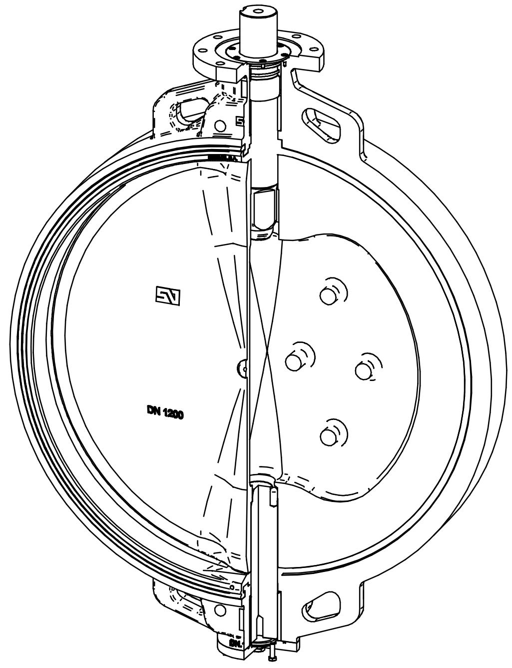
SIGEVAL,S.A

BUTTERFLY VALVE "FL(W)" TYPE
DN.600/1100. MATERIALS DE TAIL

REVISION
04
11-07-15

TECHNICAL SHEET:
FL(w)-012-DT





TECHNICAL DATA
MAX. SERVICE PRESSURE: 10 Kg/cm²
HYDROSTATIC AND RESISTANCE TEST
OPEN VALVE: 15 Kg/cm²
CLOSED VALVE: 11 Kg/cm²

ITEM	DESIGNATION	MATERIAL	REMARKS	QUAN
17	BUSHING	STEEL-BZ-PTFE		1
16	KEYWAY	STAINLESS STEEL AISI 420		2
15	NUT	ZINC PLATED STEEL	DIN 934	1
14	SCREW	ZINC PLATED STEEL	DIN 913	1
13	DISC	ZINC PLATED STEEL		1
12	LOWER RING	BRONZE / BRASS		1
11	LOWER BOLT	ZINC PLATED STEEL	DIN 931	4
10	LOWER COVER	CARBON STEEL	COATING EPOXY	1
9	BOLT OF UPPER COVER	ZINC PLATED STEEL	DIN 7991	6
8	UPPER COVER	CARBON STEEL	COATING EPOXY	
7	LOWER SHAFT	ACC. TO SHEET E-0001		1
6	DISC	ACC. TO SHEET M-0001		1
5	SEAT	ACC. TO SHEET A-0001		1
4	UPPER SHAFT	ACC. TO SHEET E-0001		1
3	"O" RING	NITRILE		4
2	BUSHING	BRONZE / BRASS		3
1	VALVE BODY	ACC. TO SHEET C-0001	COATING EPOXY	1

SIGEVAL,S.A

BUTTERFLY VALVE "FL(W)" TYPE
DN.1200. MATERIALS D ETAIL

REVISION
01
11-07-15

TECHNICAL SHEET:
FL(W)-013-DT