

VÁLVULAS DE MARIPOSA / BUTTERFLY VALVES

VÁLVULA DE MARIPOSA WAFER TOTAL INOX CON ASIENTO METAL. PN16 PALANCA WAFER TYPE BUTTERFLY VALVE FULL S.STEEL METAL TO METAL SEAT. PN16 LEVER

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valves & sealing solutions

TF-BFV-W-SS-SK



UTILIZACIÓN / APPLICATION :

Fluidos, polvos y humos a alta temperatura.
High temperature fluids, smokes and powders.

CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Válvulas Wafer de eje centrado / Full crossing stem wafer type design.
Rango desde DN32/40 hasta DN400 / Range from ND32/40 up to ND400 .
Cierre bidireccional / Bidirectional close.
Cierre No estanco, max factor pérdida 2% / No tightness , loss factor : 2% of Kvs.
Palanca de 9 posiciones / Handle with locking device.
Pletina montaje ISO 5211 / ISO 5211 mounting pad.

NORMATIVAS / STANDARDS :

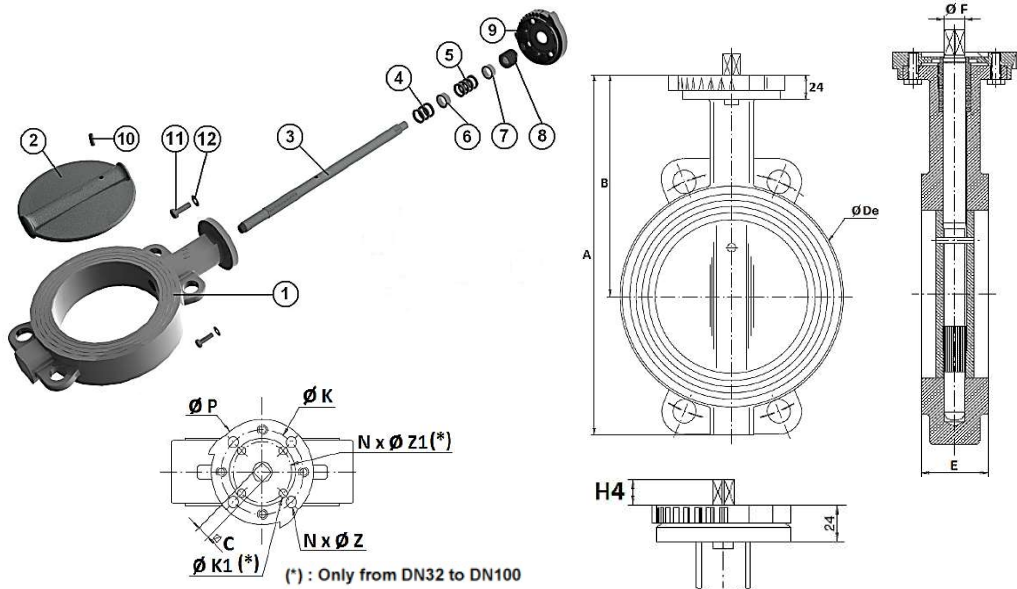
Fabricación / Manufacture according to : ISO 9001: 2015.
Diseño / Designing according to : ISO 10631 & EN 593.
Directiva CE / Directive 2014/68/EU: CE No.0038 Risk Category III Module H.
Distancia entre caras / Face to Face : EN 558-1 Serie 20.
Montaje entre bridas / Mounting between flanges EN1092-1 PN10/16 - ANSI150.
Pruebas de estanqueidad del cuerpo / Body Test according to : EN 12266-1 Rate A.
ATEX / ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22 (Optional marking).

CONDICIONES DE SERVICIO / WORKING CONDITIONS:

Máxima presión de trabajo / Maximum Working Pressure : 16 bar (Up to DN300) - 10 Bar (DN350 & DN400)
Temperatura máxima de trabajo / Maximum Working Temperature : - 30 °C / + 350 °C.

MATERIALES / CONSTRUCTION :

No.	Pieza Part	Material Material
1	Cuerpo Body	ASTM A351 CF8M
2	Disco Disc	ASTM A351 CF8M
3	Eje Shaft	Inox AISI316 S. Steel 316
4	Junta Gasket	Grafito Graphite
5	Junta Gasket	Grafito Graphite
6	Anillo Ring	Inox AISI316 S. Steel 316
7	Anillo Ring	Inox AISI316 S. Steel 316
8	Casquillo Socket	Inox AISI316 S. Steel 316
9	Plato Plate	ASTM A351 CF8M
10	Pasador Pin	Inox AISI316 S. Steel 316
11	Tornillo Screw	A4
12	Arandela Washer	Inox AISI316L S. Steel 316L

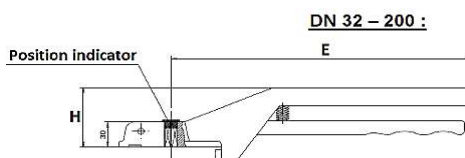


DIMENSIONES / DIMENSIONS :

DN ND	A	B	Øde	E	ØF	H4	C	ØK	ISO	NxØZ	ØK1	ISO 1	NxØZ1	Par Nm Torque	NxØZ1	Peso Weight
32/40	205	140	82	33	9,5	14	8	70	F07	4 x 9	50	F05	4 x 7	5	4 x 7	3,07
50	228	156	102	43	9,5	14	8	70	F07	4 x 9	50	F05	4 x 7	5	4 x 7	4,57
65	248	161	119	46	12	16	9	70	F07	4 x 9	50	F05	4 x 7	10	4 x 7	4,89
80	265	169	135	46	14	16	11	70	F07	4 x 9	50	F05	4 x 7	15	4 x 7	5,95
100	298	187	155	52	14	20	11	70	F07	4 x 9	50	F05	4 x 7	25	4 x 7	7,58
125	331	206	185	56	17	20	14	70	F07	4 x 9				45		10,22
150	349	215	208	56	17	20	14	70	F07	4 x 9				60		12,23
200	430	255	270	60	21	24	17	70	F07	4 x 9				80		19,00

Par en Nm SIN coeficiente de seguridad para 10 Bar y temperatura superior a 180 °C.
Torque Values in Nm WITHOUT safety coefficient at 10 Bar for temperature over 180 °C.

PALANCAS / LEVERS



DN ND	E	H
32-100	205	57
125-200	330	70

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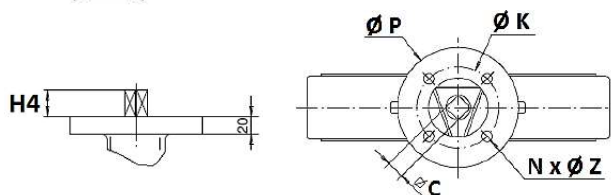
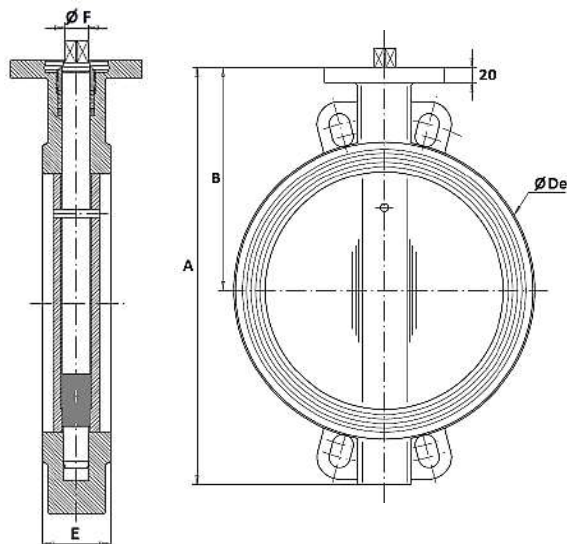
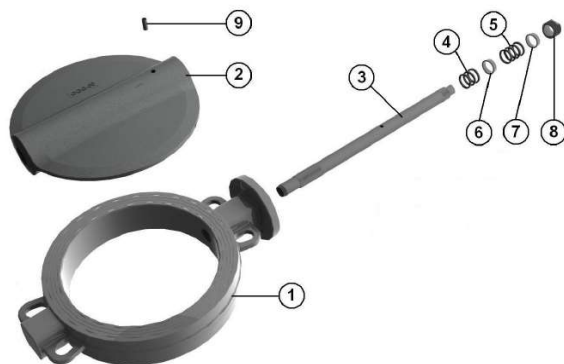


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DN250-DN400



MATERIALES / CONSTRUCTION :

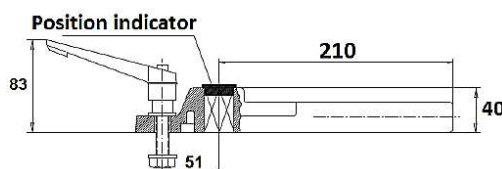
No.	Pieza Part	Material Material
1	Cuerpo Body	ASTM A351 CF8M
2	Disco Disc	ASTM A351 CF8M
3	Eje Stem	Inox AISI316 S. Steel 316
4	Junta Gasket	Grafito Graphite
5	Junta Gasket	Grafito Graphite
6	Anillo Ring	Inox AISI316 S. Steel 316
7	Anillo Ring	Inox AISI316 S. Steel 316
8	Casquillo Socket	Inox AISI316 S. Steel 316
9	Pasador Pin	Inox AISI316 S. Steel 316

DIMENSIONES / DIMENSIONS :

DN ND	A	B	Øde	E	ØF	H4	C	ØK	ISO	NxØZ	Par Nm Torque	Peso Weight
250	461	248	328	68	23	24	19	102	F10	4 x 11	110	30
300	524	280	381	78	26,5	24	22	102	F10	4 x 11	120	40
350	570	300	437	78	26,5	29	22	140	F14	4 x 18	140	54
400	644	340	486	102	33	29	27	140	F14	4 x 18	160	75

Par en Nm SIN coeficiente de seguridad para 10 Bar y temperatura superior a 180 °C.
 Torque Values in Nm WITHOUT safety coefficient at 10 Bar for temperature over 180 °C.

PALANCA / LEVER



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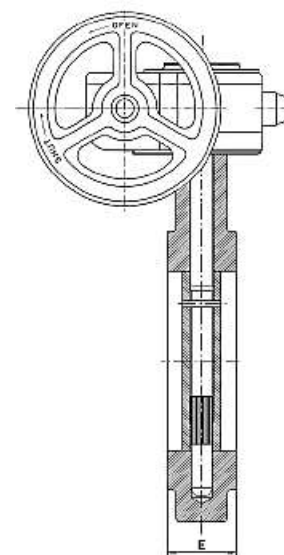
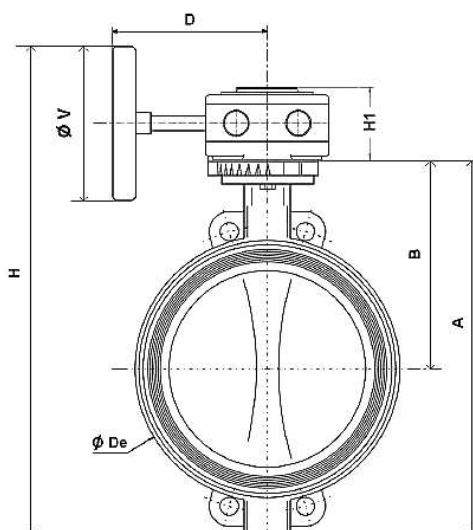
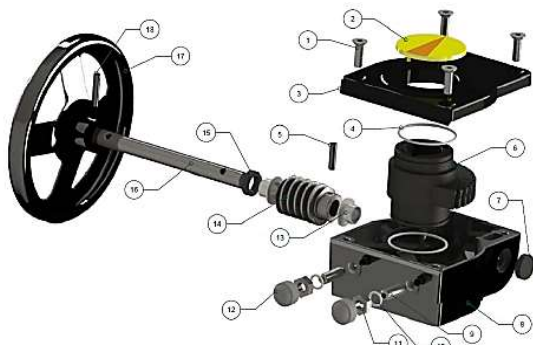


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VÁLVULA CON REDUCTOR MANUAL
VALVE WITH MANUAL GEAR-BOX



MATERIALES / CONSTRUCTION :

No.	Pieza Part	Material Material
1	Tornillo Screw	Inox AISI 304 S. Steel 304
2	Indicador Indicator	PVC
3	Tapa Cover	Aluminio Aluminum
4	Junta Tórica O'Ring	NBR
5	Pasador Pin	Acero Carbono Carbon Steel
6	Cuadrante Quadrant	F.Dúctil GJS400-15 D.Iron GJS400-15
7	Junta Gasket	NBR
8	Cuerpo Body	Aluminio Aluminum
9	Tornillo Ajuste Adjusting Bolt	Acero Carbono Carbon Steel
10	Arandela Washer	Acero Galvanizado Galvanized Steel
11	Tuerca Nut	Acero Galvanizado Galvanized Steel
12	Tapón Cap	NBR 70
13	Cojinete Bushing	Bonze Bronze
14	Arrastre Worm	Acero Carbono 45 Carbon Steel 45
15	Junta Gasket	NBR
16	Eje Shaft	Acero Carbono 45 Carbon Steel 45
17	Volante Handwheel	Acero Carbono Carbon Steel
18	Pasador Pin	Acero Carbono Carbon Steel

DIMENSIONES / DIMENSIONS :

DN ND	A	B	Øde	E	D	H	H1	ØV	Peso Weight
32/40	205	140	82	33	120	304	58	140	4,45
50	228	156	102	43	120	326	58	140	5,62
65	248	161	119	46	120	341	58	140	6,62
80	265	169	135	46	120	364	58	140	7,13
100	298	187	155	52	120	392	58	140	8,75
125	31	206	185	56	136	452	58	200	11,9
150	349	215	208	56	136	477	58	200	13,49
200	430	255	270	60	136	566	58	200	21,35
250	461	248	328	68	223	647	74	300	34
300	524	280	381	78	223	709	74	300	44
350	570	300	437	78	345	831	98	400	63,5
400	644	340	486	102	345	894	98	400	84,5