

VÁLVULAS DE MARIPOSA / BUTTERFLY VALVES

VÁLVULA DE MARIPOSA WAFER CUERPO ACERO CON ASIENTO METAL. PN16 WAFER TYPE BUTTERFLY VALVE WCB BODY METAL TO METAL SEAT. PN16 LEVER



VALVESEAL
valves & sealing solutions

TF-BFV-W-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 biidireccional / Bidirectional close.

No estanqueidad, 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:

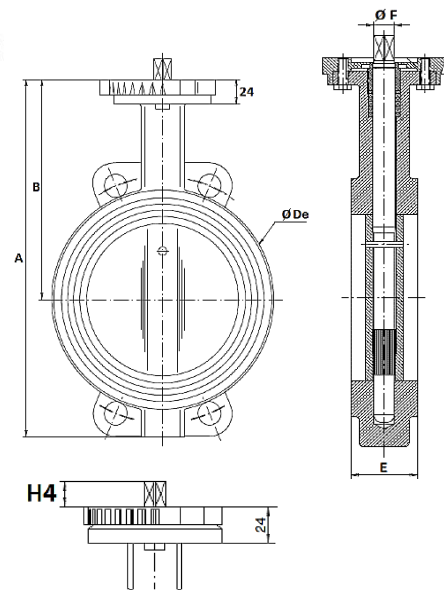
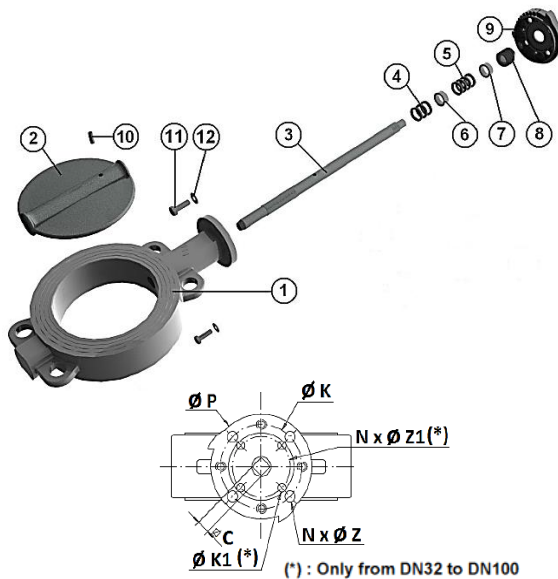
Máxima presión de trabajo / Maximum Working Pressure : 16 bar.

Temperatura máxima de trabajo / Maximum Working Temperature : - 20 °C / + 350 °C.



MATERIALES / CONSTRUCTION :

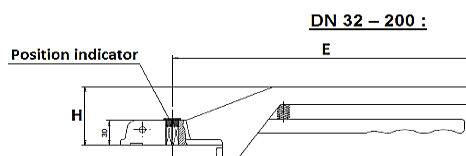
No.	Pieza Part	Material Material
1	Cuerpo Body	ASTMA216 WCB
2	Disco DN40-DN100 Disc	ASTMA351 CF8M
2	Disco DN125-DN200 Disc	DI GJS500+Epoxy
3	Eje Shaft	SS420
4	Junta Gasket	Graphite
5	Junta Gasket	Graphite
6	Anillo Ring	Bronze
7	Anillo Ring	Bronze
8	Casquillo Socket	5,6
9	Plato Plate	Aluminum
10	Pasador Pin	ST-34
11	Tornillo Screw	5,6
12	Arandela Washer	Steel



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	3,1
50	228	156	102	43	9,5	14	8	70	F07	4 x 9	50	F05	4 x 7	5	4 x 7	4,27
65	248	161	119	46	12	16	9	70	F07	4 x 9	50	F05	4 x 7	10	4 x 7	5,27
80	265	169	135	46	14	16	11	70	F07	4 x 9	50	F05	4 x 7	15	4 x 7	5,78
100	298	187	155	52	14	20	11	70	F07	4 x 9	50	F05	4 x 7	25	4 x 7	7,4
125	31	206	185	56	17	20	14	70	F07	4 x 9				45		10,15
150	349	215	208	56	17	20	14	70	F07	4 x 9				60		11,74
200	430	255	270	60	21	24	17	70	F07	4 x 9				80		19,6

PALANCAS / LEVERS



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

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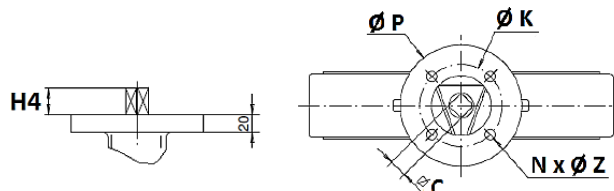
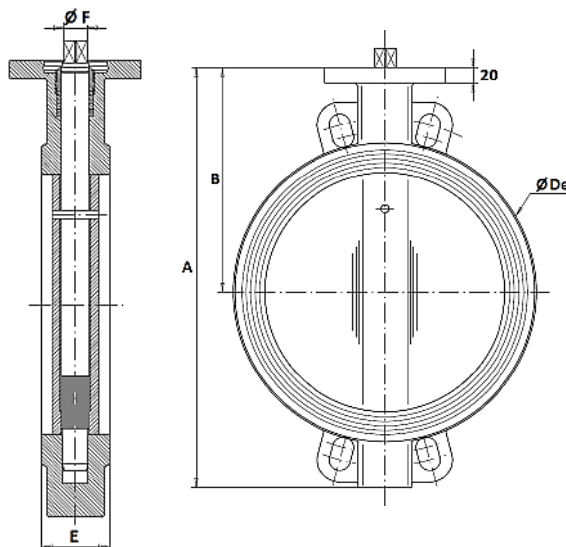
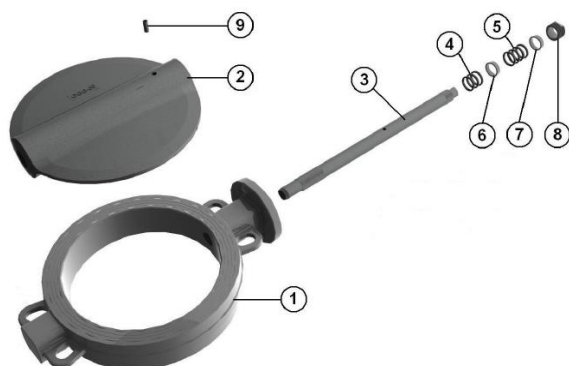


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DN250-DN400



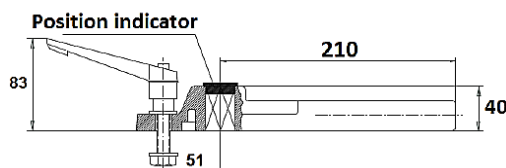
MATERIALES / CONSTRUCTION :

No.	Pieza Part	Material Material
1	Cuerpo Body	ASTM A216 WCB
2	Disco DN250-DN300 Disc DN250-DN300	DI GJS500+Epoxy
2	Disco DN350-DN400 Disc DN350-DN400	DI GJS500+Rilsan
3	Eje Stem	SS 420
4	Junta Gasket	Graphite
5	Junta Gasket	Graphite
6	Anillo Ring	Bronze
7	Anillo Ring	Bronze
8	Casquillo Socket	5,6
9	Pasador Pin	ST-34
	Palanca hasta DN300 Lever up to DN300	DI GJS500+Epoxy

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

PALANCA / LEVER



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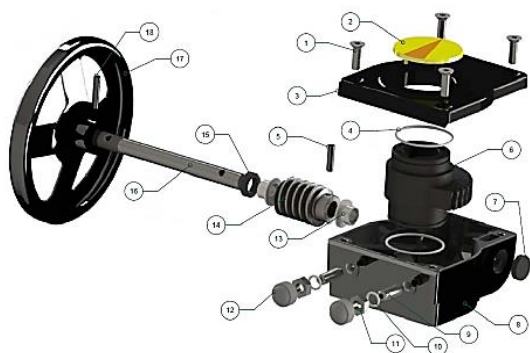


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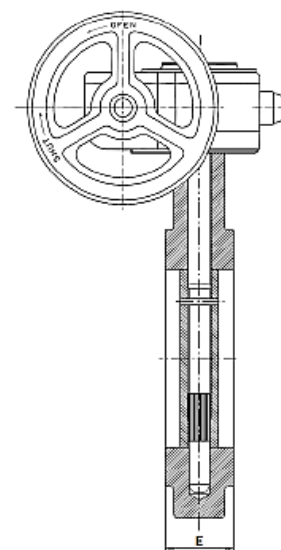
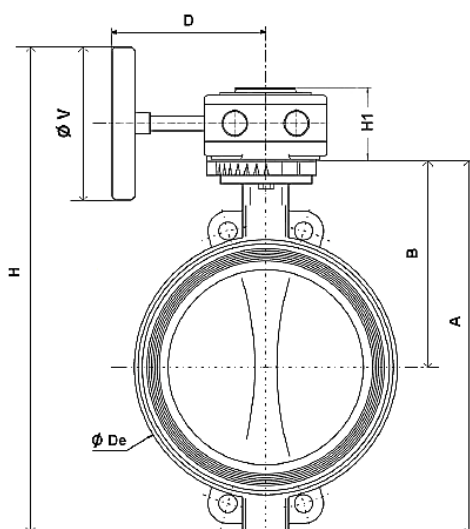


VÁLVULA CON REDUCTOR MANUAL
VALVE WITH MANUAL GEAR-BOX



MATERIALES / CONSTRUCTION :

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