

VÁLVULAS DE BOLA / BALL VALVES

VÁLVULA DE BOLA WAFER ECO INOX CF8M CONEXIÓN BRIDAS PN-16 WAFER BALL VALVE S. STEEL CF8M CONNECTION FLANGES NP-16

TECFLOW®

TF-BVSS-W



UTILIZACIÓN / APPLICATION :

Industria química, petroquímica y farmacéutica, instalaciones hidráulicas, aire comprimido.
Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, compressed air.

CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Medidas / Range: DN- 15 - DN-150

Paso Total / Full Bore.

Eje anti-expulsión / Anti blow-out stem

Asientos PTFE + Fibra de vidrio / PTFE filled with glass fiber.

Sistema de bloqueo DN-15 a DN-100 / Locking device DN-15 a DN-100

Brida ISO 5211 / Mounting Pad ISO 5211

Taladros Roscados en las bridas / Threaded holes flanges

Cuerpo hueco / Hollow body

NORMATIVAS / STANDARDS :

Fabricación / Manufacture according to ISO 9001 : 2008

Directiva CE / Directive 2014/68/EU: CE Nº 0035 Risk Category II module D1

Construcción / construction according to EN 12516

Diseño / designing according to ASME B16.34

Pruebas de presión / Pressure Tests according to EN12266-1, rate A

PN-16 R.F. / NP-16 R.F flanges according to EN 1092-1 PN-16

Longitud / Length according to EN 558 series 100 up to DN-100

CONDICIONES DE SERVICIO / WORKING CONDITIONS :

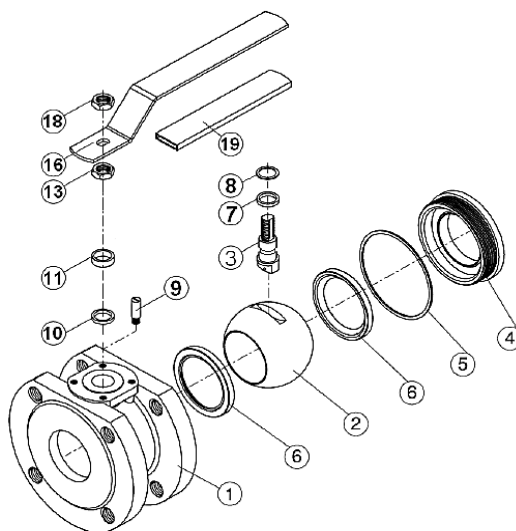
Máxima presión de trabajo / Maximum Working Pressure : 16 bar.

Temperatura máxima de trabajo / Maximum Working Temperature : - 20 °C / + 180 °C.



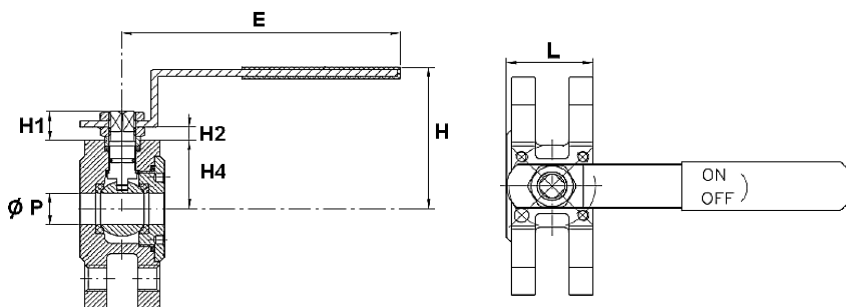
MATERIALES / CONSTRUCTION: DN-15 / DN-20

No.	Pieza Part	Material Material
1	Cuerpo Body	Inox A351 CF8M S.Steel A351 CF8M
2	Bola Ball	Inox A351 CF8M S.Steel A351 CF8M
3	Eje Stem	Inox AISI-304 S.Steel 304
4	Insertión Insert	Inox A351 CF8M S.Steel A351 CF8M
5*	Junta cuerpo Body seal	PTFE
6*	Asiento Seat	PTFE + 3% Glass
7*	Arandela Thrust washer	PTFE
8*	Junta Tórica O'Ring	FKM
9	Pasador Stop pin	Inox AISI-304 S.Steel 304
10*	Empaquetadura Packing	PTFE
11	Casquillo Gland	Inox AISI-304 S.Steel 304
13	Tuerca Casquillo Gland Nut	Inox AISI-304 S.Steel 304
16	Palanca Handle	Inox AISI-304 S.Steel 304
18	Tuerca maneta Handle nut	Inox AISI-304 S.Steel 304
19	Funda maneta Handle cover	Plástico Plastic



DIMENSIONES / DIMENSIONS DN-15 / DN-20:

DN ND	ØP	L	E	H	H1	H2	H4	Peso Weight
15	15	35	125,2	75	13,5	6	32	1,10
20	20	39	125,2	80	13,5	6	35,5	1,41



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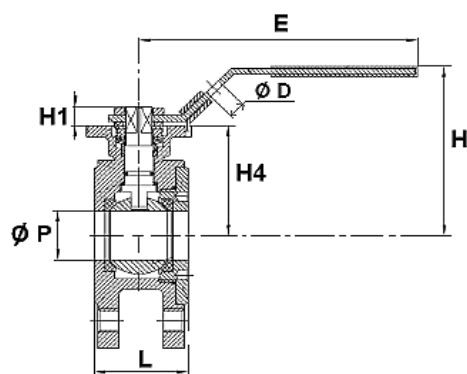
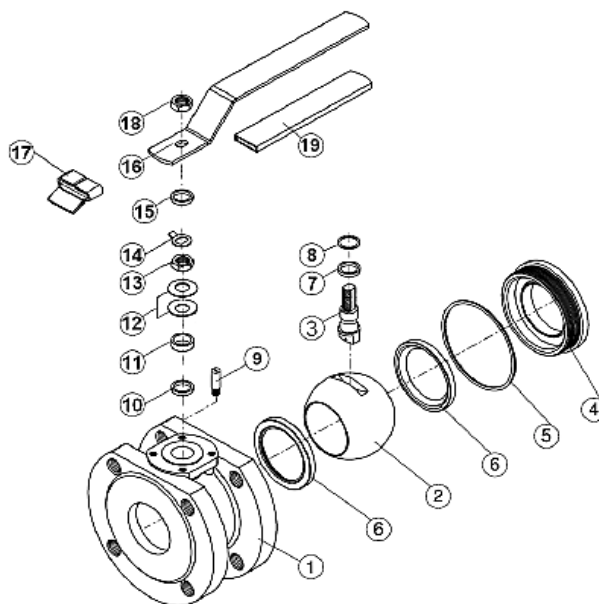
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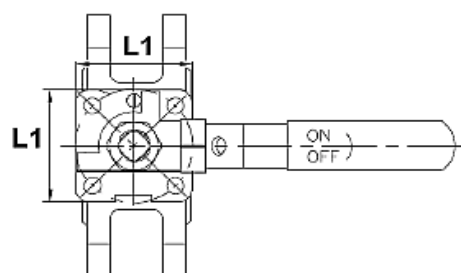
MATERIALES / CONSTRUCTION: DN-25 / DN-50

No.	Pieza Part	Material Material
1	Cuerpo Body	Inox A351 CF8M S.Steel A351 CF8M
2	Bola Ball	Inox A351 CF8M S.Steel A351 CF8M
3	Eje Stem	Inox AISI-304 S.Steel 304
4	Inserción Insert	Inox A351 CF8M S.Steel A351 CF8M
5*	Junta cuerpo Body seal	PTFE
6*	Asiento Seat	PTFE + 3% Glass
7*	Arandela Thrust washer	PTFE
8*	Junta Tórica O'Ring	FKM
9	Pasador Stop pin	Inox AISI-304 S.Steel 304
10*	Empaquetadura Packing	PTFE
11	Casquillo Gland	Inox AISI-304 S.Steel 304
12	Anillo Elástico Elastic Ring	Inox AISI-301 S.Steel 301
13	Tuerca Casquillo Gland Nut	Inox AISI-304 S.Steel 304
14	Arandela Tab Washer	Inox AISI-304 S.Steel 304
15	Arandela Washer	Inox AISI-304 S.Steel 304
16	Palanca Handle	Inox AISI-304 S.Steel 304
17	Bloqueo Palanca Locking Device	Inox AISI-304 S.Steel 304
18	Tuerca maneta Handle nut	Inox AISI-304 S.Steel 304
19	Funda maneta Handle cover	Plástico Plastic



DIMENSIONES / DIMENSIONS DN-25 / DN-50:

DN ND	ØP	L	L1	E	H	H1	H4	ØD	Peso Weight
25	25	44	49	136,2	95	12	65	8	1,82
32	32	52	49	136,2	101,5	10	71,5	8	3,00
40	38	64	65	204,5	122,5	13,5	85	8	4,30
50	50	83	65	204,5	121,5	14	83,5	8	5,90



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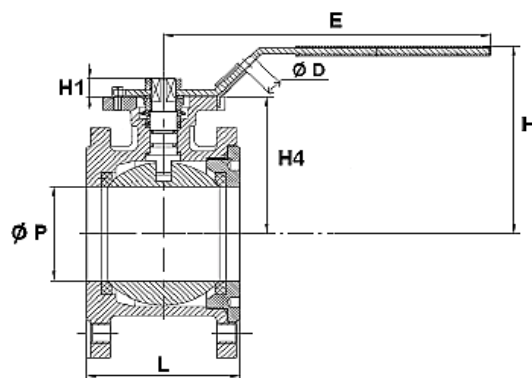
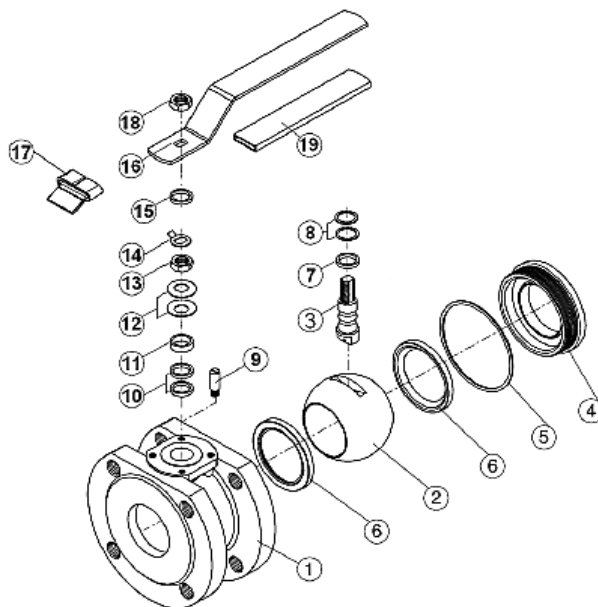
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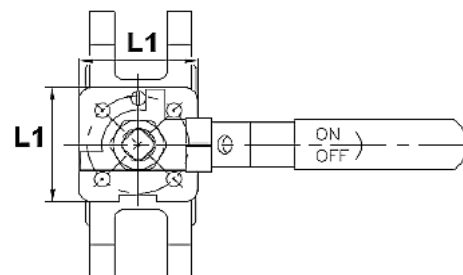
MATERIALES / CONSTRUCTION: DN-65 / DN-100

No.	Pieza Part	Material Material
1	Cuerpo Body	Inox A351 CF8M S.Steel A351 CF8M
2	Bola Ball	Inox A351 CF8M S.Steel A351 CF8M
3	Eje Stem	Inox AISI-304 S.Steel 304
4	Inserción Insert	Inox A351 CF8M S.Steel A351 CF8M
5*	Junta cuerpo Body seal	PTFE
6*	Asiento Seat	PTFE + 3% Glass
7*	Arandela Thrust washer	PTFE
8*	Junta Tórica O'Ring	FKM
9	Pasador Stop pin	Inox AISI-304 S.Steel 304
10*	Empaquetadura Packing	PTFE
11	Casquillo Gland	Inox AISI-304 S.Steel 304
12	Anillo Elástico Elastic Ring	Inox AISI-301 S.Steel 301
13	Empaquetadura Packing	Inox AISI-304 S.Steel 304
14	Arandela Tab Washer	Inox AISI-304 S.Steel 304
15	Arandela Washer	Inox AISI-304 S.Steel 304
16	Palanca Handle	Inox AISI-304 S.Steel 304
17	Bloqueo Palanca Locking Device	Inox AISI-304 S.Steel 304
18	Tuerca maneta Handle nut	Inox AISI-304 S.Steel 304
19	Funda maneta Handle cover	Plástico Plastic



DIMENSIONES / DIMENSIONS: DN-65 / DN-100

DN ND	ØP	L	L1	E	H	H1	H4	ØD	Peso Weight
65	65	100	94	250	142,2	18	101	10	9,00
80	76	121	94	250	161	18	120	10	12,50
100	94	152	94	320	174	20,5	130	10	19,40



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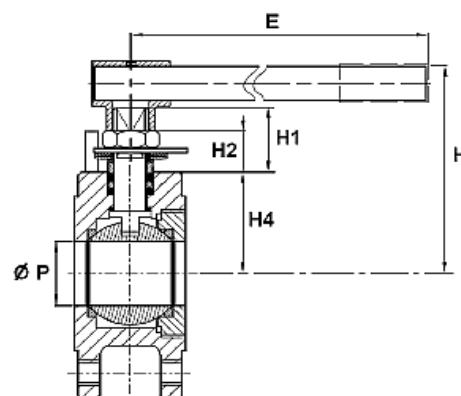
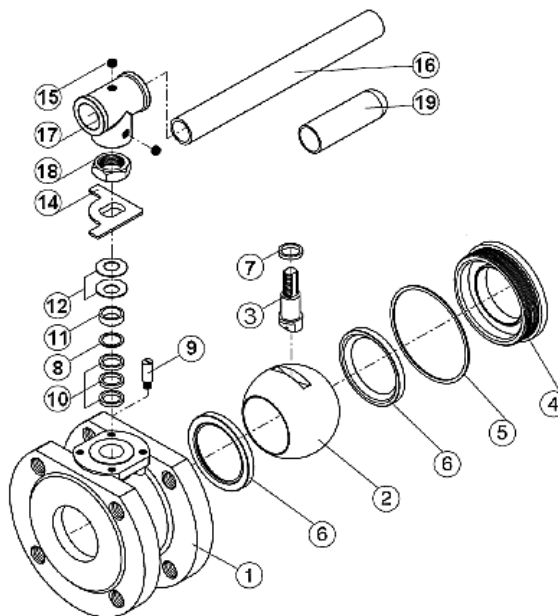
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MATERIALES / CONSTRUCTION: DN-125 / DN-150

No.	Pieza Part	Material Material
1	Cuerpo Body	Inox A351 CF8M S.Steel A351 CF8M
2	Bola Ball	Inox A351 CF8M S.Steel A351 CF8M
3	Eje Stem	Inox AISI-316 S.Steel 316
4	Inserción Insert	Inox A351 CF8M S.Steel A351 CF8M
5*	Junta cuerpo Body seal	PTFE
6*	Asiento Seat	PTFE + 15% Glass
7*	Arandela Thrust washer	PTFE
8*	Empaquetadura Packing	PTFE
9	Pasador Stop pin	Inox AISI-304 S.Steel 304
10*	Empaquetadura Eje Stem Packing	PTFE
11	Casquillo Gland	Inox AISI-304 S.Steel 304
12	Anillo Elástico Elastic Ring	Inox AISI-301 S.Steel 301
14	Placa Cierre Stop Plate	Inox AISI-304 S.Steel 304
15	Tornillo Palanca Handle Screw	Inox AISI-304 S.Steel 304
16	Palanca Handle	Acero Steel
17	Adaptador Palanca Handle Adapter	Inox A351 CF8 S.Steel A351 CF8
18	Tuerca Packing nut	Inox AISI-304 S.Steel 304
19	Funda maneta Handle cover	Plástico Plastic



DIMENSIONES / DIMENSIONS: DN-125 / DN-150

DN ND	ØP	L	E	H	H1	H2	H4	Peso Weight
125	118	179	400	205	50	31	117	30,00
150	135	202	600	220	50	31	130	41,00

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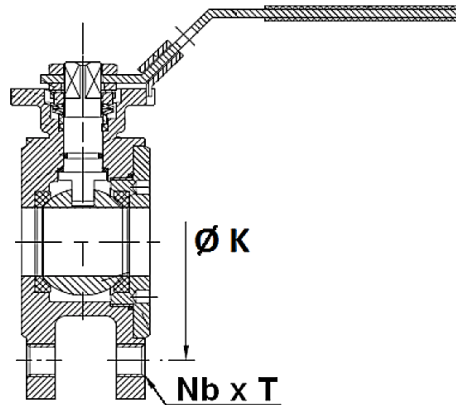
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MEDIDA DE LOS AGUJEROS ROSCADOS (mm): SIZE THREADED FLANGES HOLES (mm)

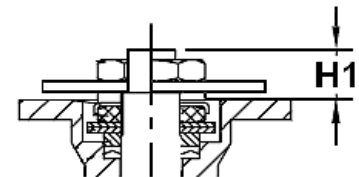
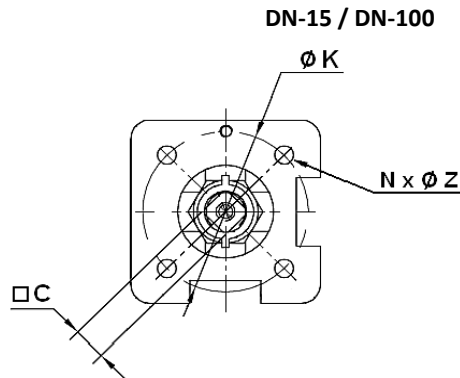
DN ND	ØK	Nb x ØL
15	65	4xM12
20	75	4xM12
25	85	4xM12
32	100	4xM16
40	110	4xM16
50	125	4xM16
65	145	4xM16
80	160	8xM16
100	180	8xM16
125	210	8xM16
150	240	8xM20



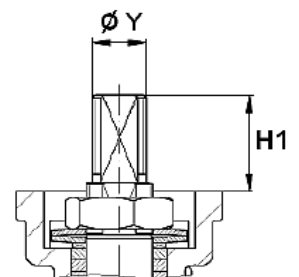
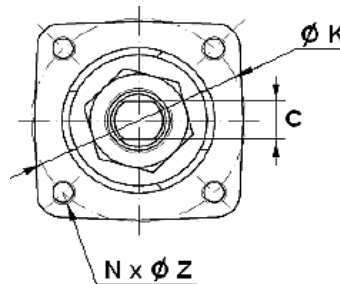
DIMENSIONES BRIDA ISO Y EJE (mm):

ISO MOUNTING PAD AND STEM SIZE (mm):

DN ND	C	H1	ØK	ISO	NxØZ
15	9	13,5	36	F03	4x5
20	9	13,5	36	F03	4x5
25	11	12	42	F04	4x6,4
32	11	10	42	F04	4x6,4
40	14	13,5	50	F05	4x7
50	14	14	50	F05	4x7
65	17	8	70	F07	4x9
80	17	18	70	F07	4x9
100	17	20,5	102	F10	4x11



DN-125 / DN-150



DN ND	C	ØY	H1	ØK	ISO	NxØZ
125	17	28	50	102	F10	4xM10
150	17	28	50	125	F12	4xM12