

VÁLVULAS DE BOLA / BALL VALVES

VALVULA DE BOLA DE 3 VIAS EN ACERO INOXIDABLE. PN16. BRIDAS DIN PN-16 3-WAYS BALL VALVE IN STAINLESS STEEL. PN16. FLANGED DIN NP-16

TECFLW®

TF-3WBV-SS-F



UTILIZACIÓN / APPLICATION :

Industria química y petroquímica, instalaciones hidráulicas, distribución de agua fría y caliente, aire comprimido.
Chemical industries, petrochemical industries, hydraulic installation, heating, water distribution, compressed air

CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Medidas / Size DN- 25 to 150
Paso total / Full Bore.
Eje anti-expulsión / Anti blow-out stem
Doble dispositivo antiestático / Double antistatic device.
Asientos PTFE reforzado / PTFE seat filled with glass.
Brida ISO 5211 / ISO 5211 mounting pad.
Paso L o T / L or T port.
Trunnion / Trunnion mounted ball valve from DN100 to DN150
Sistema de bloqueo / Locking device.

NORMATIVAS / STANDARDS :

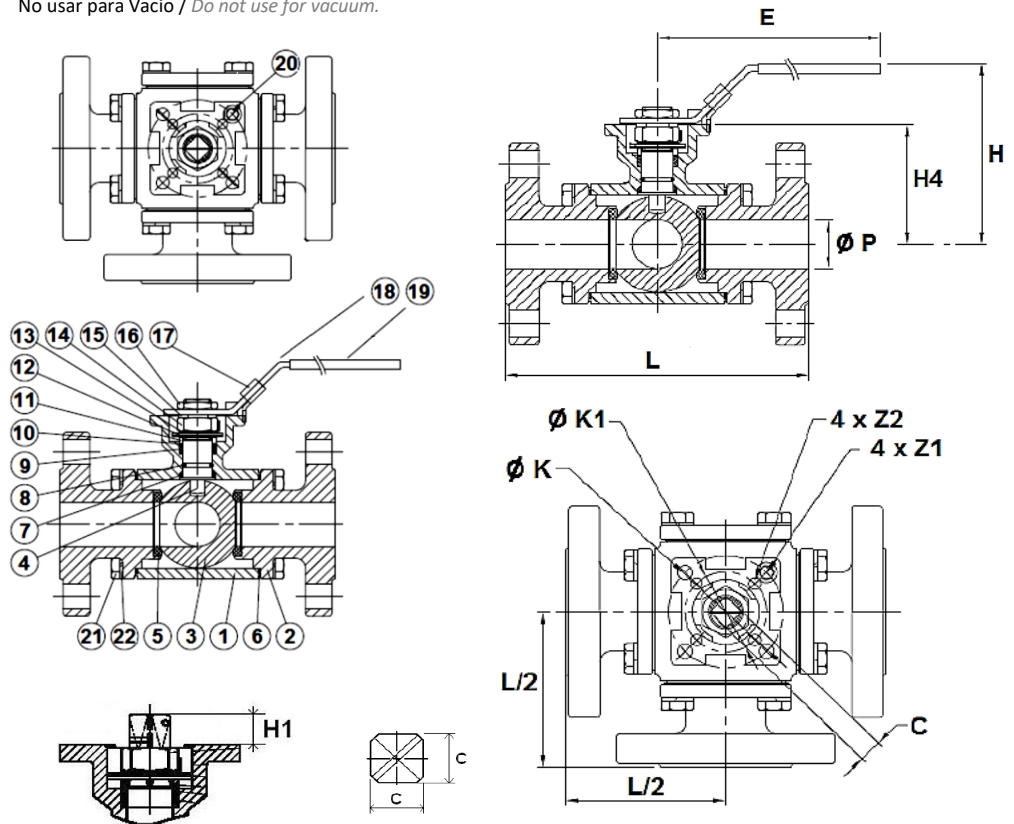
Fabricación / Manufacture according to ISO 9001 : 2015
Directiva CE / Directive 2014/68/EU: CE Nº 0038 Risk Category III module H
Pruebas de presión / Pressure Tests according to EN 12266-1 Rate A.
Bridas R.F. PN-16 / R.F flanges PN-16. according to EN 1092-1
Brida ISO 5211 / ISO 5211 mounting pad.
ATEX / ATEX Group II Category 2G/2D zone 1&21 zone 2&22 according to directive 2014/34/EU
Marcaje ATEX opcional / Optional ATEX marking.

CONDICIONES DE SERVICIO / WORKING CONDITIONS :

Máxima presión de trabajo / Maximum Working Pressure : 16 bar.
Temperatura máxima de trabajo / Maximum Working Temperature : -30 °C / +150 °C.
No usar para Vacío / Do not use for vacuum.

MATERIALES / CONSTRUCTION :

No.	Pieza Part	Material Material
1	Cuerpo Body	A.Inox CF8M S.Steel CF8M
2	Extremos Ends	A.Inox CF8M S.Steel CF8M
3	Bola Ball	A.Inox CF8M S.Steel CF8M
4	Eje Stem	A.Inox AISI316 S.Steel 316
5	Asiento Seat	PTFE + 15% GV
6	Junta cuerpo Body gasket	PTFE
7	Arandela Thrust washer	PTFE
8	Junta Torica O-Ring	FKM
9	Empaquetadura Packing	PTFE
10	Empaquetadura Packing follower	PTFE + 15% Grafoil
11	Prensa Gland	A.Inox AISI304 S.Steel 304
12	Arandela Elastic washer	A.Inox AISI410 S.Steel 410
13	Arandela Stop washer	A.Inox AISI304 S.Steel 304
14	Tuerca Packing Nut	A.Inox AISI304 S.Steel 304
15	Arandela palanca Handle washer	A.Inox AISI304 S.Steel 304
16	Tuerca palanca Handle Nut	A.Inox AISI304 S.Steel 304
17	Bloqueo palanca Locking device	A.Inox AISI304 S.Steel 304
18	Palanca Handle	A.Inox AISI304 S.Steel 304
19	Funda palanca Handle cover	Plastico Plastic
20	Tapón Stopper	A.Inox AISI304 S.Steel 304
21	Tornillo Screw	A.Inox AISI304 S.Steel 304
22	Arandela Washer	A.Inox AISI304 S.Steel 304
27	Disp. Antiestático Antistatic device	A.Inox AISI316 S.Steel 316



DIMENSIONES / DIMENSIONS DN25 - DN40:

DN ND	ØP	L	L/2	E	H	H1	H4	C	ØK	ØK1	ISO	ISO 1	4xZ1	4xZ2	Par Torque	Kvs	Peso Weight
25	25	185	92,5	218	102	11,5	64	11	50		F05		4 x 7		16,2	30	7,50
32	32	195	97,5	235	119	15,2	79	14	70	50	F07	F05	4 x 9	4 x 7	26	50	10,90
40	38	232	116	235	127	14,3	88,5	14	70	50	F07	F05	4 x 9	4 x 7	44	72	14,90



VÁLVULAS DE BOLA / BALL VALVES

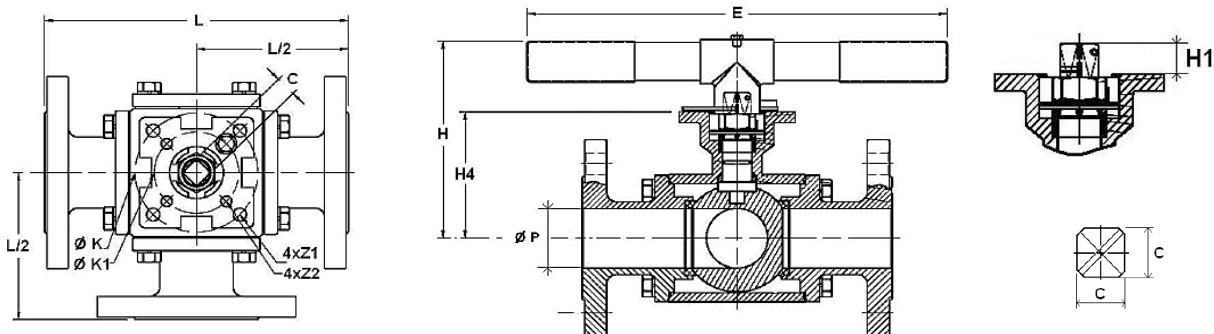
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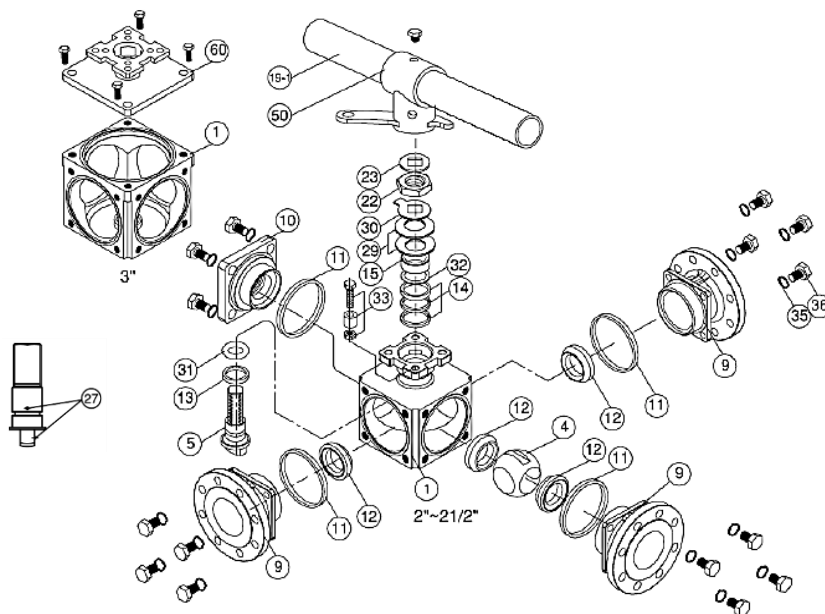
DIMENSIONES / DIMENSIONS DN50 - DN80:

DN ND	ØP	L	L/2	E	H	H1	H4	C	ØK	ØK1	ISO	ISO 1	4xZ1	4xZ2	Par Torque	Kvs	Peso Weight
50	50	253	127	400	155	17,8	106	17	102	70	F10	F07	4 x 11	4 x 9	126	131	19,00
65	65	270	135	400	166	17,5	117	17	102	70	F10	F07	4 x 11	4 x 9	174	228	23,50
80	76	292	146	400	174	17,5	128	17	102	70	F10	F07	4 x 11	4 x 9	210	311	34,50



MATERIALES / CONSTRUCTION DN50 - DN80:

No.	Pieza Part	Material Material
1	Cuerpo Body	A.Inox CF8M S.Steel CF8M
4	Bola Ball	A.Inox CF8M S.Steel CF8M
5	Eje Stem	A.Inox AISI316 S.Steel 316
9	Extremos Ends	A.Inox CF8M S.Steel CF8M
10	Tapa Cap	A.Inox CF8M S.Steel CF8M
11	Junta cuerpo Body seal	PTFE
12	Asiento Seat	PTFE + 15% GV
13	Arandela Thrust washer	PTFE
14	Empaquet. Eje Stem Packing	PTFE
15	Prensa Gland	A.Inox AISI304 S.Steel 304
19-1	Palanca Handle	Hierro Iron
22	Tuerca eje Stem Nut	A.Inox AISI304 S.Steel 304
23	Arandela palanca Handle washer	A.Inox AISI304 S.Steel 304
27	Disp. Antiestático Antistatic device	A.Inox AISI316 S.Steel 316
29	Arandela Elastic washer	A.Inox AISI410 S.Steel 410
30	Arandela Stop washer	A.Inox AISI304 S.Steel 304
31	Junta Torica O-Ring	FKM
32	Empaquetadura Packing follower	PTFE + 15% Grafoil
33	Pasador Stop Pin	A.Inox AISI304 S.Steel 304
35	Arandela tornillo Bolt washer	A.Inox AISI304 S.Steel 304
36	Tornillo Bolt	A.Inox AISI304 S.Steel 304
50	Adaptador palanca Handle adapter	A.Inox A351 CF8 S.Steel A351 CF8



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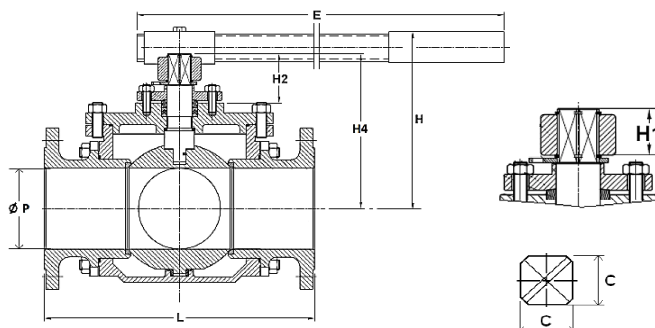
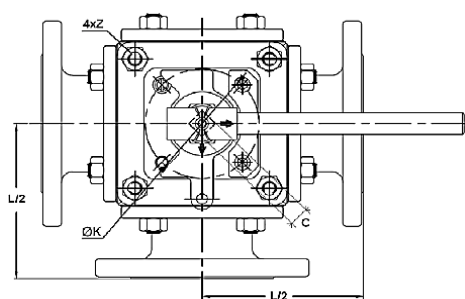
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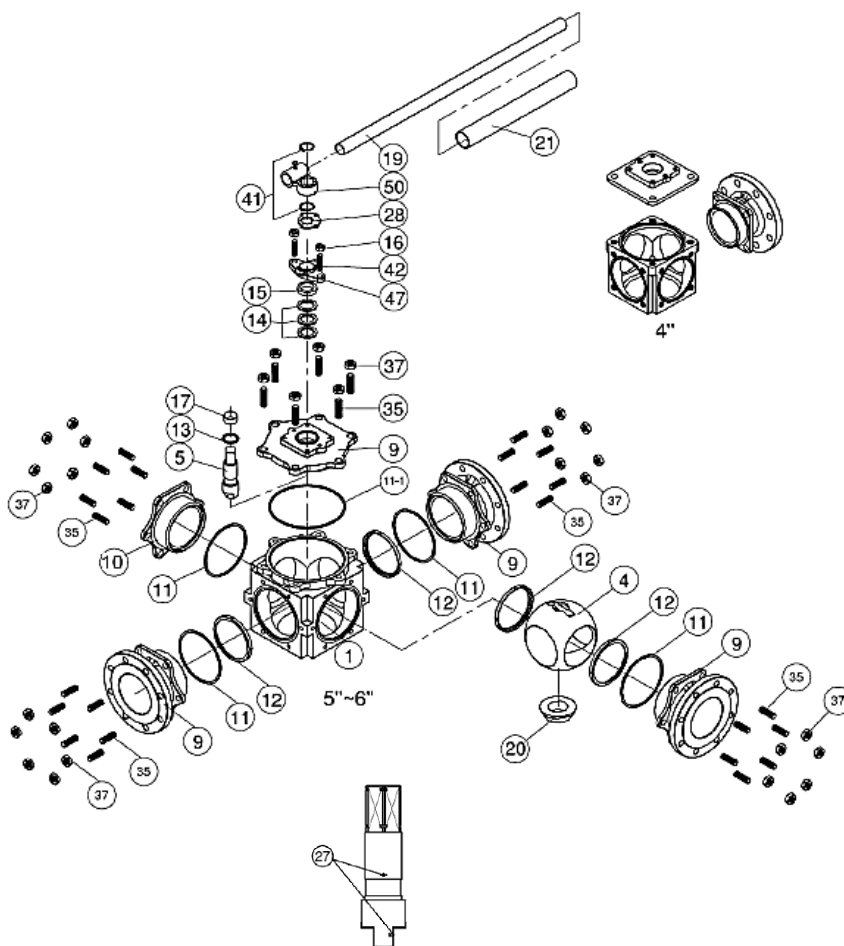
DIMENSIONES / DIMENSIONS DN100 - DN150:

DN ND	ØP	L	L/2	E	H1	H2	H4	H	C	ØK	ISO	4xZ	Par Torque	Kvs	Peso Weight
100	100	360	180	600	33	70	193	212	27	125	F12	4 x M12 x 1,75	290	554,7	67,40
125	125	46	208	600	33	70	233	261	27	125	F12	4 x M12 x 1,75	572	893,3	95,00
150	150	473	237	800	43,5	77,5	266	284	36	140	F14	4 x M12 x 2	924	1329	124,00



MATERIALES / CONSTRUCTION DN100 - DN150:

No.	Pieza Part	Material Material
1	Cuerpo Body	A.Inox CF8M S.Steel CF8M
4	Bola Ball	A.Inox CF8M S.Steel CF8M
5	Eje Stem	A.Inox AISI316 S.Steel 316
9	Extremos Ends	A.Inox CF8M S.Steel CF8M
10	Tapa Cap	A.Inox CF8M S.Steel CF8M
11	Junta cuerpo Body seal	PTFE
11-1	Junta superior Top seal	PTFE
12	Asiento Seat	PTFE + 15% GV
13	Arandela Thrust washer	PTFE
14	Empaquet. Eje Stem Packing	PTFE
15	Cojinete Prensa Gland Bush	A.Inox AISI304 S.Steel 304
16	Tuerca Prensa Gland Nut	A.Inox AISI304 S.Steel 304
17	Cojinete Eje Stem Bushing	PTFE
19	Palanca Handle	Hierro Iron
20	Tornillos Bolts	A.Inox AISI304 S.Steel 304
21	Funda palanca Handle cover	Plastico Plastic
27	Disp. Antiestático Antistatic device	A.Inox AISI316 S.Steel 316
28	Placa cierre Stop Plate	A.Inox AISI304 S.Steel 304
35	Tornillo Bolt	A.Inox AISI304 S.Steel 304
37	Tornillo bloqueante Bolt Nut	A.Inox AISI304 S.Steel 304
41	Aro retencion Snap ring	A.Inox AISI304 S.Steel 304
42	Tornillo Prensa Gland Bolt	A.Inox AISI304 S.Steel 304
47	Brida Prensa Gland Flange	A.Inox A351 CF8 S.Steel A351 CF8
50	Adaptador palanca Handle adapter	A.Inox A351 CF8 S.Steel A351 CF8



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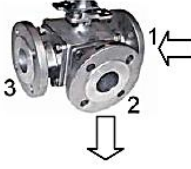
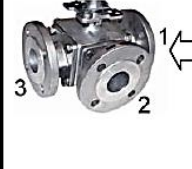
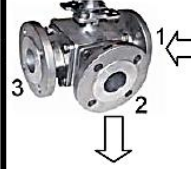
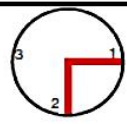
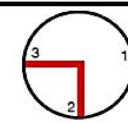
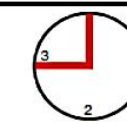
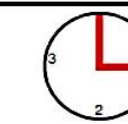
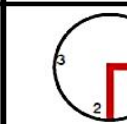
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POSIBILIDAD DE POSICIONES / POSSIBLE POSITIONS

PASO EN L / L PORT

Posibilidad de dos posiciones consecutivas / Only two consecutive positions are available :

Position L1	Position L2	Position L3	Position L4	Position L5
				
				

PASO EN T / T PORT

Posibilidad de dos posiciones consecutivas / Only two consecutive positions are available :

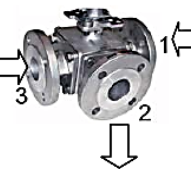
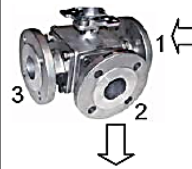
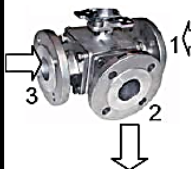
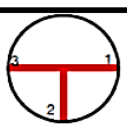
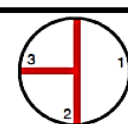
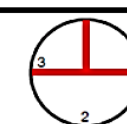
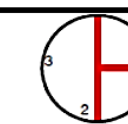
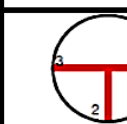
Position T1	Position T2	Position T3	Position T4	Position T5
				
				

TABLA PRESION-TEMPERATURA / PRESSURE-TEMPERATURE CHART

