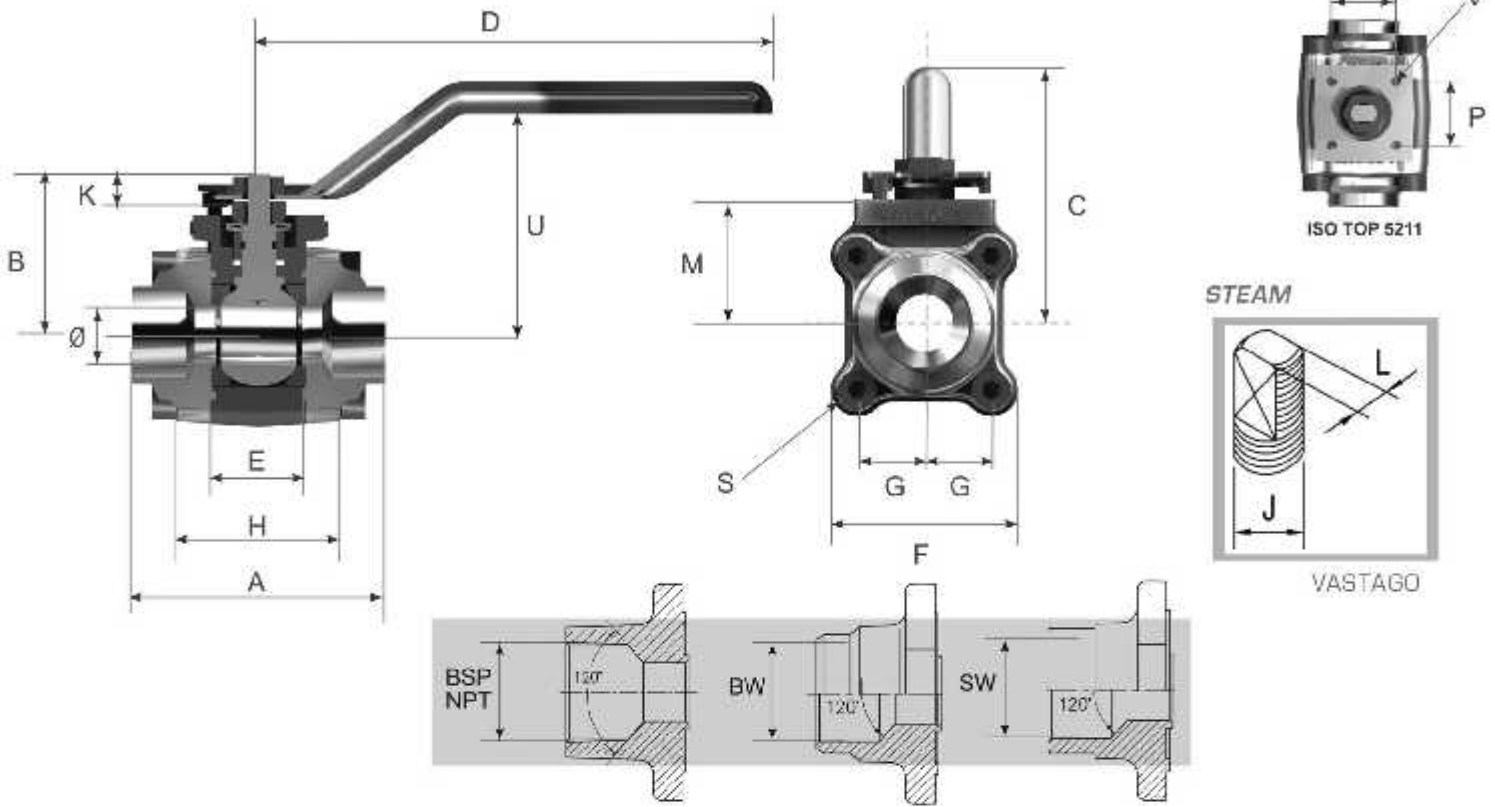


VÁLVULA DE BOLA 15i PN 100  
BALL VALVE 15i PN 100

**valtaco**®

Reduced bore / Paso reducido  
DN 15-50 (1/2"-2")



Reduced bore / Paso reducido DN 15-50 (1/2"-2")

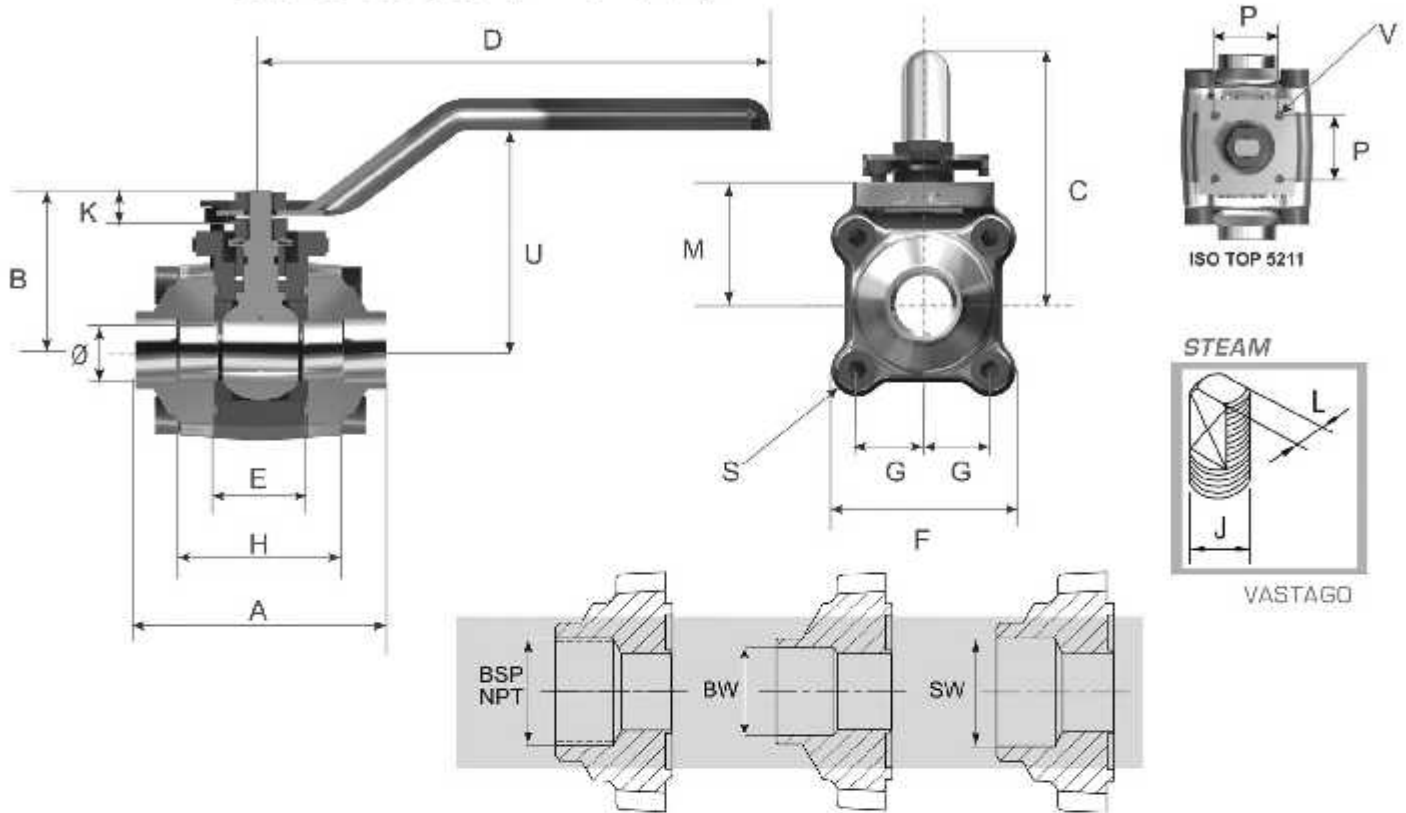
DN SIZE	mm		Inch		mm		Inch		mm		Inch		mm		Inch	
	15	20	25	32	40	50	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"				
BW Sch05	18	0.710	23.4	0.920	30.1	1.185	38.9	1.530	45	1.770	57	2.245				
BW Sch10	17.1	0.674	22.5	0.884	27.9	1.097	36.6	1.442	42.7	1.682	54.8	2.157				
BW Sch40	15.8	0.622	20.9	0.824	26.6	1.049	35.1	1.380	40.9	1.610	52.5	2.067				
BW Sch80	13.9	0.546	18.8	0.742	24.3	0.957	32.5	1.278	38.1	1.500	49.3	1.939				
SW	21.72	0.855	27.06	1.065	33.78	1.330	42.54	1.675	48.64	1.915	61.11	2.406				
ø	9.53	0.375	12.7	0.500	19.18	0.755	23.83	0.938	30.15	1.187	36.47	1.436				
A	63	2.48	71	2.80	86	3.39	102	4.02	112	4.41	127	5.00				
B	41	1.61	44	1.73	55	2.17	60	2.36	73	2.87	78	3.07				
C	69	2.72	73	2.87	87	3.43	91	3.58	109	4.29	113	4.45				
D	150	5.91	150	5.91	175	6.89	175	6.89	200	7.87	200	7.87				
E	21.4	0.844	25.4	1.000	32.5	1.280	41.3	1.625	48.5	1.910	56.3	2.218				
F	44	1.73	51	2.01	60	2.36	67	2.64	81	3.19	91	3.58				
G	15.9	0.625	19.1	0.750	22.2	0.875	25.4	1.000	28.6	1.125	33.3	1.313				
H	40	1.57	47	1.85	56	2.20	68	2.68	78	3.07	88	3.46				
J	3/8		3/8		7/16		7/16		9/16		9/16					
K	7	0.28	6.5	0.26	8	0.31	8	0.31	11	0.43	11	0.43				
L	5.5	0.22	5.5	0.22	7.5	0.30	7.5	0.30	8.7	0.34	8.7	0.34				
M	30	1.18	34	1.34	41	1.61	45	1.77	53	2.09	58	2.28				
P	30	1.18	30	1.18	30	1.18	30	1.18	35.00	1.38	35.00	1.38				
S	M6x17		M6x17		M8x21		M8x21		M10x27		M10x27					
U	58	2.28	62	2.44	76	2.99	81	3.19	94	3.70	98	3.86				
V	M5		M5		M5		M5		M6		M6					
ISO TOP	F04		F04		F04		F04		F05		F05					
kg	0.60		0.75		1.50		2.00		3.30		4.30					
lb	1.3		1.7		3.3		4.4		7.3		9.5					

\*Specification is subject to change without prior notice

Full bore / Paso Completo

DN 8-40 (1/4" - 1 1/2")

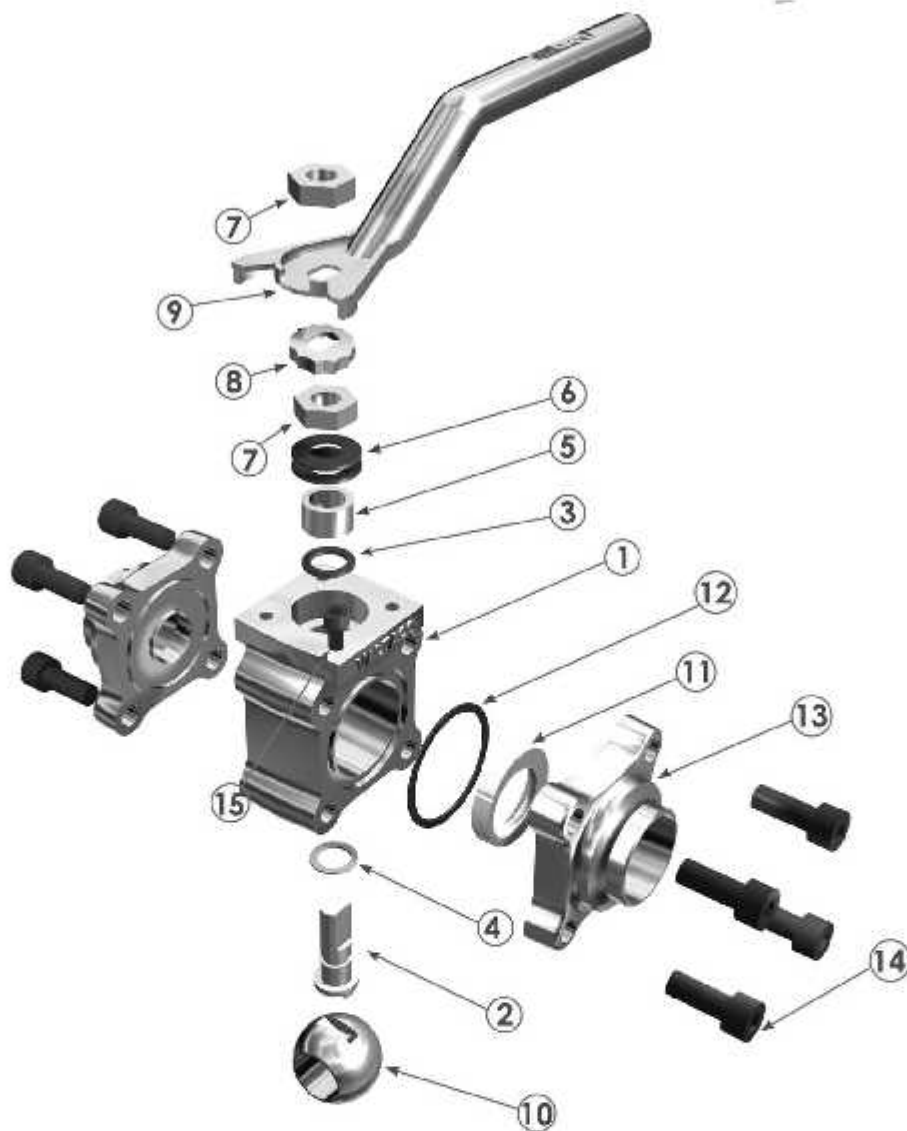
**Valtaco®**



Full bore / Paso Completo DN 8-40 (1/4" - 1 1/2")

	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch		
DN	8		10		15		20		25		32		40	
SIZE	1/4"		3/8"		1/2"		3/4"		1"		1 1/4"		1 1/2"	
BW Sch05	---	---	---	---	18	0.710	23.4	0.920	30.1	1.185	38.9	1.530	45	1.770
BW Sch10	10.4	0.410	13.8	0.545	17.1	0.674	22.5	0.884	27.9	1.097	36.6	1.442	42.7	1.682
BW Sch40	9.2	0.364	12.5	0.493	15.8	0.622	20.9	0.824	26.6	1.049	35.1	1.380	40.9	1.610
BW Sch80	7.7	0.302	10.7	0.423	13.9	0.546	18.8	0.742	24.3	0.957	32.5	1.278	38.1	1.500
SW	14.1	0.555	17.5	0.690	21.72	0.855	27.06	1.065	33.78	1.330	42.54	1.675	48.64	1.915
a	9.53	0.375	9.53	0.375	12.7	0.500	19.18	0.755	23.83	0.938	30.15	1.187	36.47	1.436
A	63	2.48	63	2.48	71	2.80	86	3.39	102	4.02	112	4.41	127	5.000
B	41	1.61	41	1.61	44	1.73	55	2.17	60	2.36	73	2.87	78	3.07
C	69	2.72	69	2.72	73	2.87	87	3.43	91	3.58	109	4.29	113	4.45
D	150	5.91	150	5.91	150	5.91	175	6.89	175	6.89	200	7.87	200	7.87
E	21.4	0.844	21.4	0.844	25.4	1.000	32.5	1.280	41.3	1.625	48.5	1.910	56.3	2.218
F	44	1.73	44	1.73	51	2.01	60	2.36	67	2.64	81	3.19	91	3.58
G	15.9	0.625	15.9	0.625	19.1	0.750	22.2	0.875	25.4	1.000	28.6	1.125	33.3	1.313
H	40	1.57	40	1.57	47	1.85	56	2.20	68	2.68	78	3.07	88	3.46
J	3/8		3/8		3/8		7/16		7/16		9/16		9/16	
K	7	0.28	7	0.28	6.5	0.26	8	0.31	8	0.31	11	0.43	11	0.43
L	5.5	0.22	5.5	0.22	5.5	0.22	7.5	0.30	7.5	0.30	8.7	0.34	8.7	0.34
M	30	1.18	30	1.18	34	1.34	41	1.61	45	1.77	53	2.09	58	2.28
P	30	1.18	30	1.18	30	1.18	30	1.18	30	1.18	35	1.38	35	1.38
S	M6x17		M6x17		M6x17		M8x21		M8x21		M10x27		M10x27	
U	58	2.28	58	2.28	62.00	2.44	76	2.99	81	3.19	94	3.70	98	3.86
V	M5		M5		M5		M5		M5		M6		M6	
ISO TOP	F04		F04		F04		F04		F04		F05		F05	
kg	0.06		0.60		0.75		1.50		2.00		3.30		4.3	
Lb	1.3		1.3		1.7		3.3		4.4		7.3		9.5	

\*Specification is subject to change without prior notice



**Materials • Materiales**

1	Body • Cuerpo
2	Stem • Vástago
3	Stem seal • Sello del Vástago
4	Thrust washer • Roldana Inferior del Vástago
5	Stem follower • Separador
6	Plate spring • Placa de resorte
7	Handle nut • Cuernca del Maneral
8	Retaining cap • Seguro para Tuerca
9	Handle lever • Maneral
10	Ball • Bola
11	Seat • Asiento
12	Body Seal • Sello del Cuerpo
13	End • Tapa
14	Body bolt • Tornillo del cuerpo
15	Bolt • Tornillo

**15i44**

ASTM A105
AISI 316
MULTIFILL
MULTIFILL
AISI 316
AISI 302
AISI 304
AISI 304
A351 CF8M
AISI 316
RPTFE
RPTFE
ASTM A105
A105 Gr. B7
A193 Gr. B7

**15i66**

AISI 316L
AISI 316L
MULTIFILL
MULTIFILL
AISI 316
AISI 302
AISI 304
AISI 304
A351 CF8M
AISI 316
RPTFE
RPTFE
AISI 316L
A105 Gr. B6
A193 Gr. B6

**Locking device / Dispositivo para Candado**

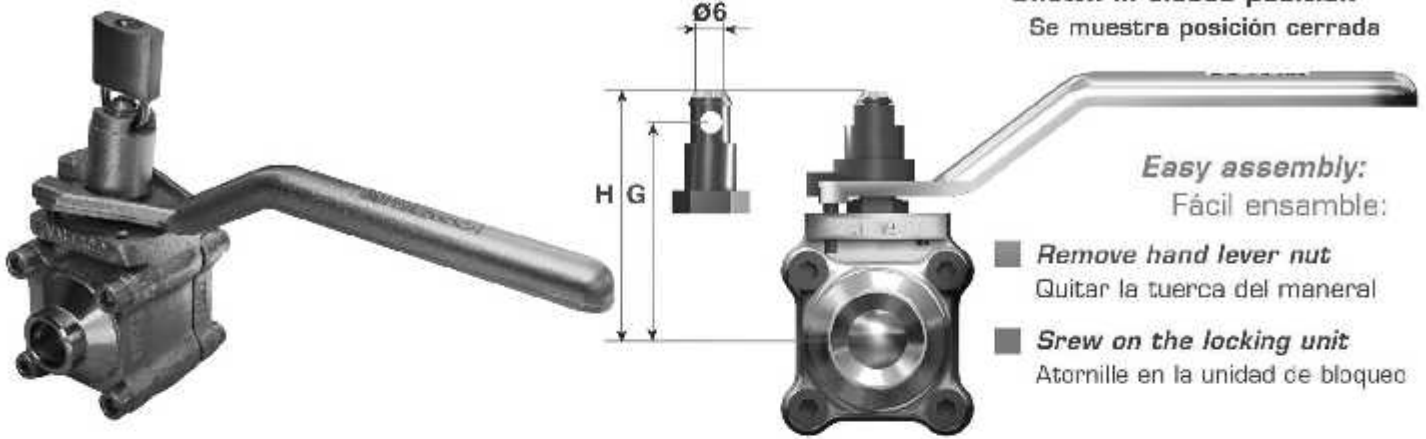
**Operating lock for open or closed position**

*Dispositivo de candado para posición abierta o cerrada*

**OPTIONAL / OPCIONAL**

**Shown in closed position**

Se muestra posición cerrada



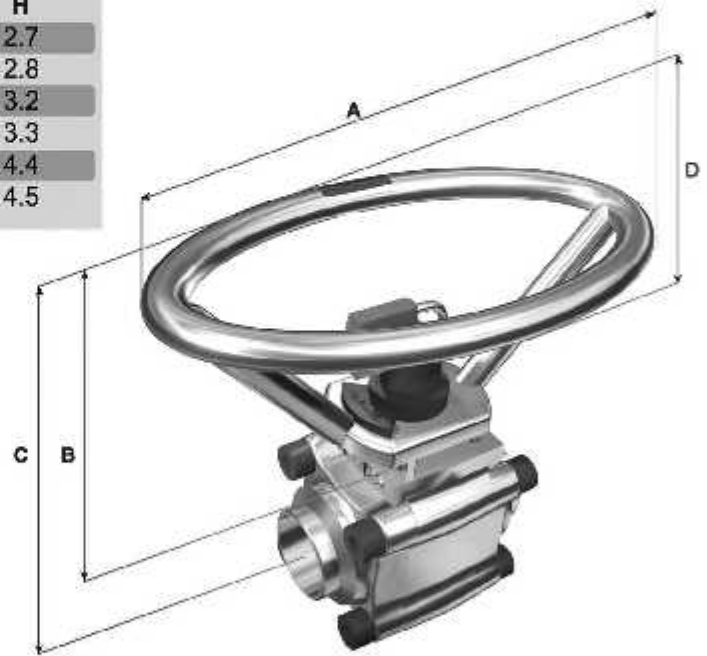
**Easy assembly:**  
Fácil ensamble:

- **Remove hand lever nut**  
Quitar la tuerca del maneral
- **Srew on the locking unit**  
Atornille en la unidad de bloqueo

**Dimensions / Dimensiones**

DN	NPS	mm	inch	mm	inch
		G	G	H	H
15/10/08	1/2" / 3/8" / 1/4"	60	2.4	68	2.7
20/15	3/4" / 1/2"	64	2.5	72	2.8
25/20	1" / 3/4"	74	2.9	82	3.2
32/25	1 1/4" / 1"	77	3.0	85	3.3
40/32	1 1/2" / 1 1/4"	102	4.0	111	4.4
50/40	2" / 1 1/2"	107	4.2	115	4.5

**OVAL HANDLE 15i DN8-50**  
MANERAL OVAL 15i DN8-50

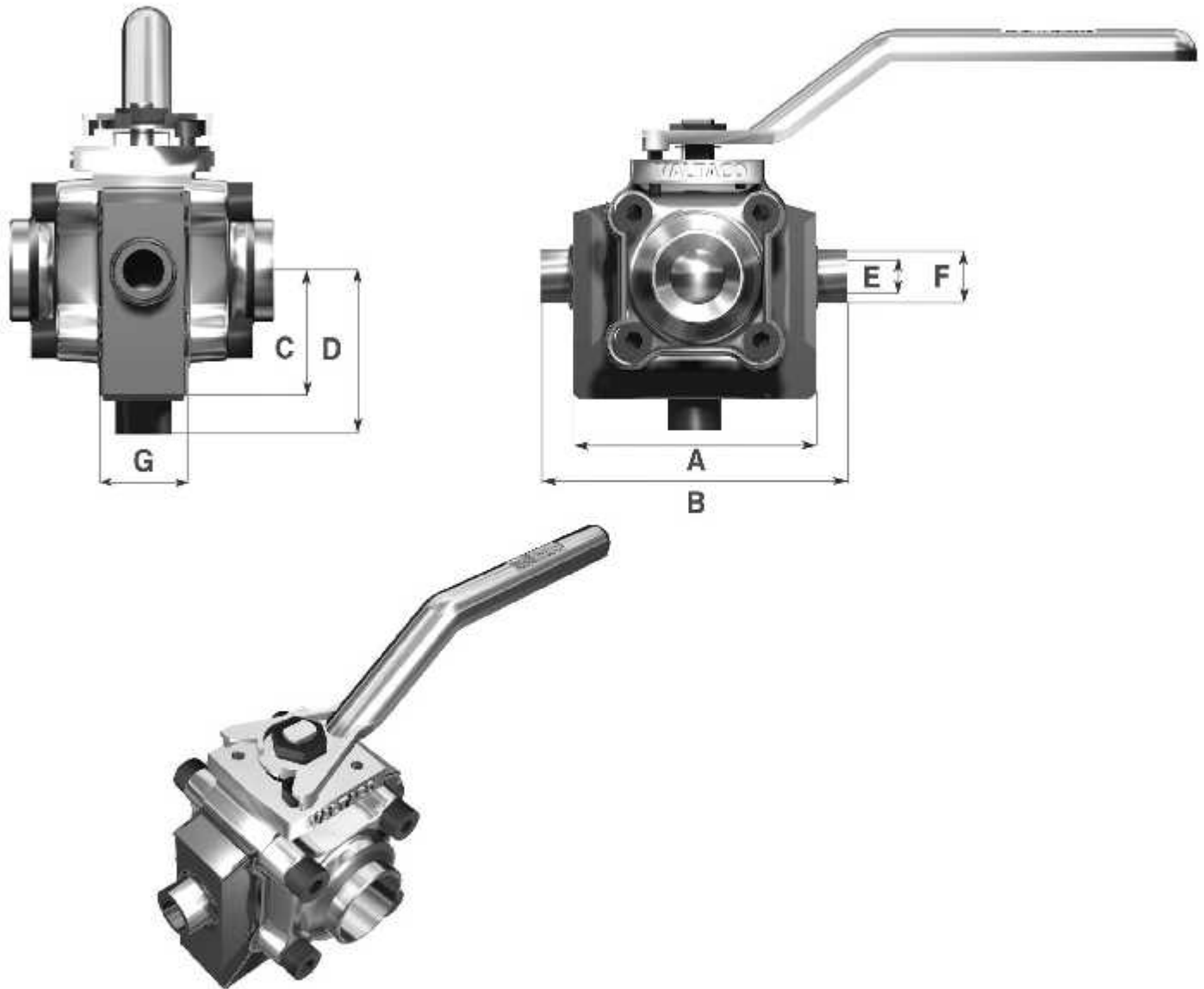


**Dimensions / Dimensiones**

DN	NPS	mm	inch	mm	inch	mm	inch	mm	inch
		A	A	B	B	C	C	D	D
15/10/08	1/2" / 3/8" / 1/4"	150	5.9	52	2.0	87	3.4	80	3.1
20/15	3/4" / 1/2"	150	5.9	52	2.0	91	3.6	80	3.1
25/20	1" / 3/4"	160	6.3	63	2.5	110	4.3	90	3.5
32/25	1 1/4" / 1"	168	6.6	65	2.6	116	4.6	93	3.7
40/32	1 1/2" / 1 1/4"	230	9.1	86	3.4	149	5.9	126	5.0
50/40	2" / 1 1/2"	230	9.1	86	3.4	153	6.0	126	5.0

Max. pressure for heating jacket 20 bar

Presión Máxima de Válvula enchaquetada 20 Bar



**Dimensions Dimensiones**

DN	NPS	mm	inch	mm	inch	mm	inch	mm	inch	inch	mm	inch	mm	inch
		A	A	B	B	C	C	D	D	E	F	F	G	G
8-15	1/4" - 1/2"	62	2.44	81	3.19	30	1.18	40	1.57	1/8"	14	0.55	18	0.7
20	3/4"	70	2.76	90	3.54	35	1.38	45	1.77	1/4"	18	0.71	20	0.8
25	1"	83	3.27	105	4.13	42	1.65	53	2.09	1/4"	18	0.71	28	1.1
32	1 1/4"	93	3.66	116	4.57	46	1.81	58	2.28	3/8"	22	0.87	36	1.4
40	1 1/2"	107	4.21	130	5.12	53	2.09	65	2.56	3/8"	22	0.87	40	1.6
50	2"	117	4.61	140	5.51	58	2.28	70	2.76	1/2"	22	0.87	48	1.9

Reduced bore DN 65-150 (2 1/2" - 6")

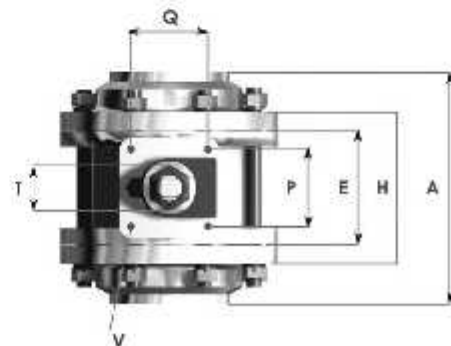
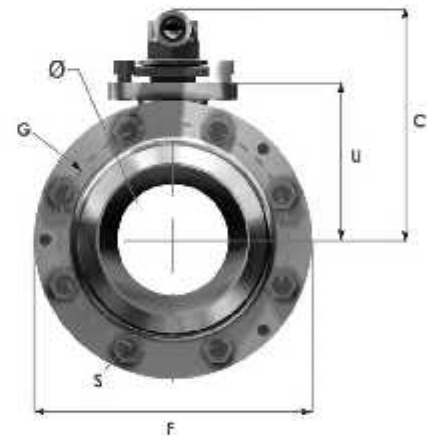
Paso Reducido DN 65-150 (2 1/2" - 6")

**valtaco**<sup>®</sup>



Reduced bore / Paso Reducido DN 65-150 (2 1/2" - 6")

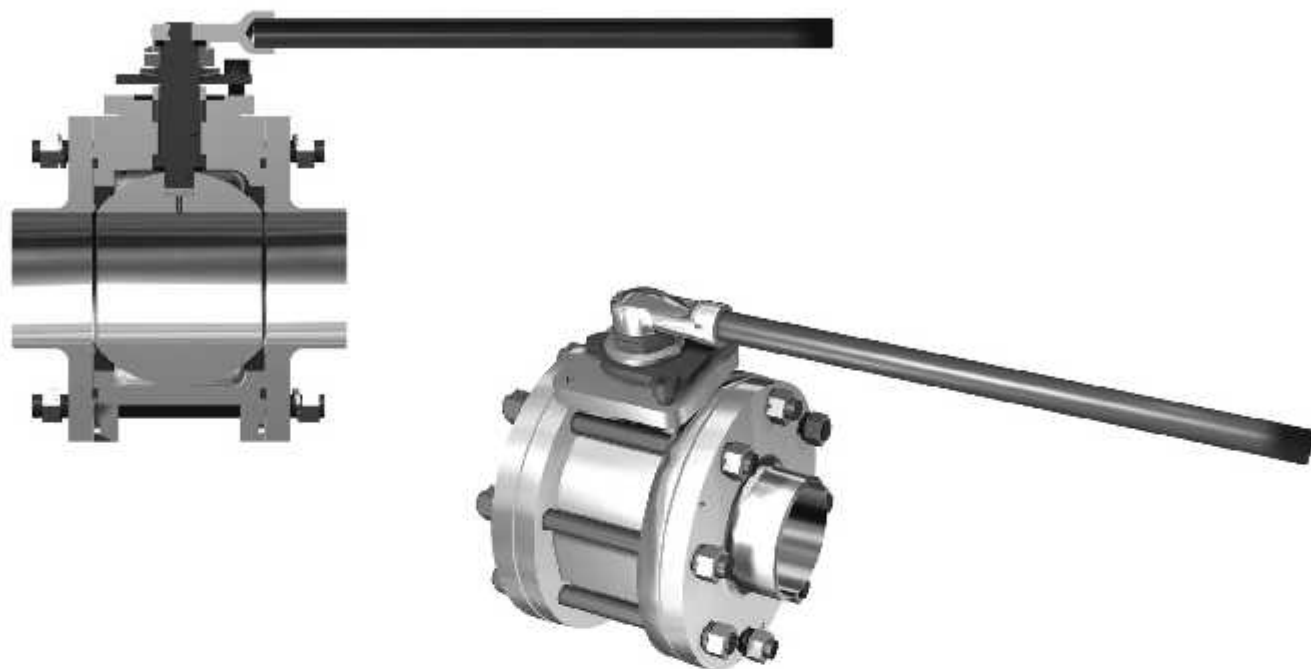
DN	65	80	100	150
SIZE	2 1/2"	3"	4"	6"
BW Sch05	68.8	84.7	110.1	182.7
BW Sch10	66.9	82.8	108.2	161.5
BW Sch40	62.7	77.9	102.3	154.1
SW	74.7	90.7	116.1	170.7
ø	50.8	63.5	82.6	111.1
A	151	178	219	298
C	104	147	182	228
D	187	324	324	728
E	67	83	108	146
F	148	165	206	289
G	129	141	175	238
H	98	118	143	187
J	3/4"-16 UNF	1"-14 UNS	1"-14 UNS	1 1/2"-14 UNF
L	12.1	18.8	18.8	28.4
M		18.8	18.8	28.4
P	49.5	72.1	72.1	81
Q	49.5	72.1	72.1	81
S	7/16-14 UNC	1/2-13 UNC	9/16-12 UNC	3/4-12 UN
T	45	57	57	47
U	78	101	116	157
V	M8	M10	M10	M12
kg	11	17	28	80



Full bore DN 50-100 ( 2" - 4" )

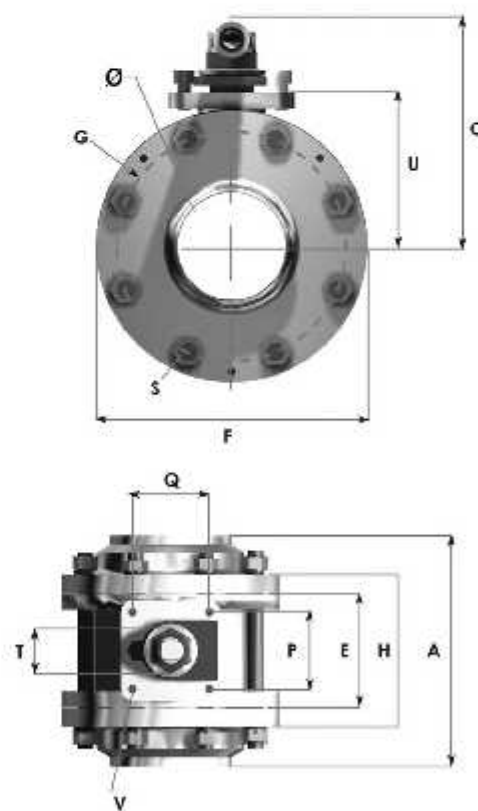
Paso Completo DN 50-100 ( 2" - 4" )

**valtaco**

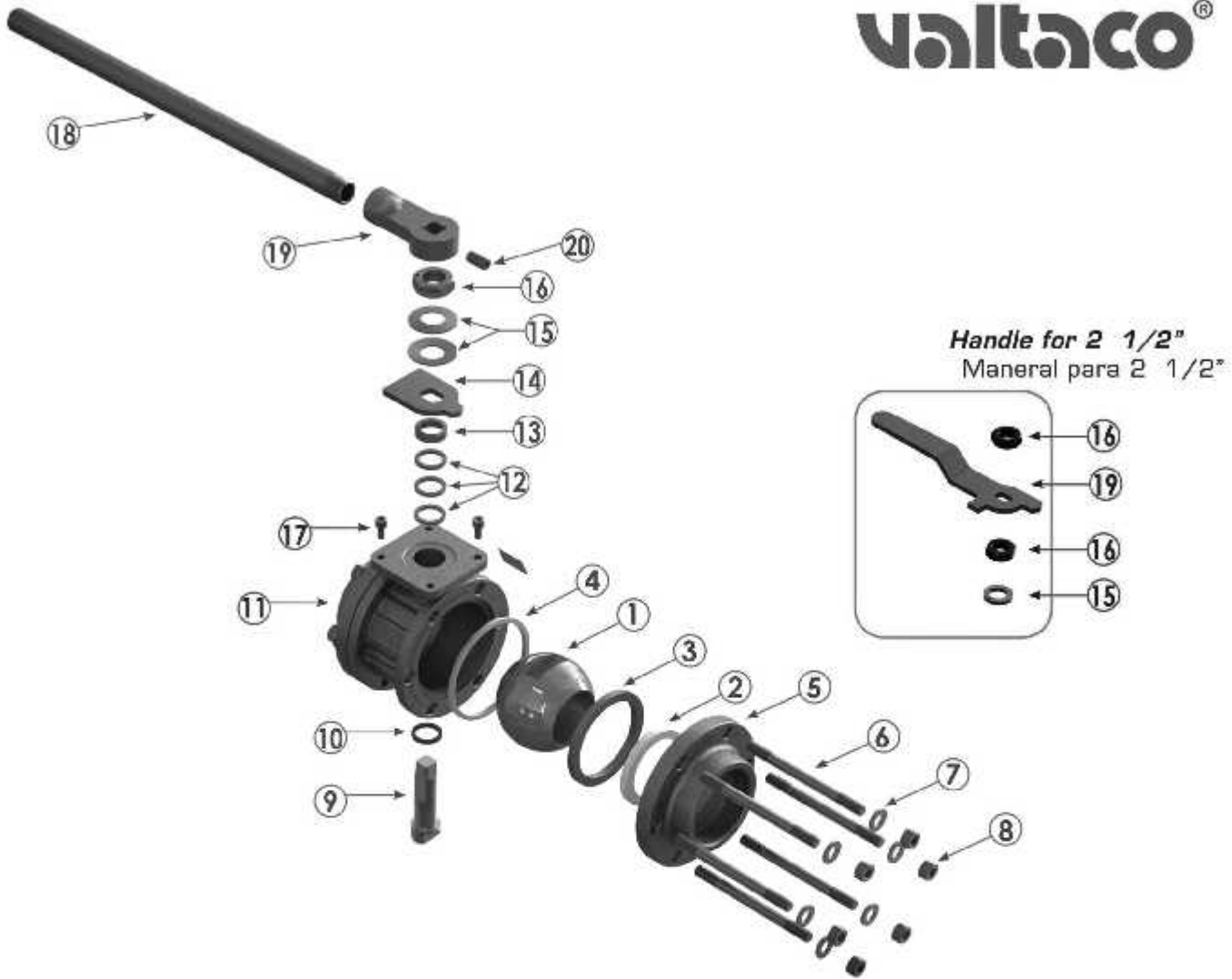


Full bore / Paso Completo DN 65-150 (2" - 4")

DN	50	65	80	100
SIZE	2"	2 1/2"	3"	4"
BW Sch05	57	68.8	84.7	110.1
BW Sch10	54.8	66.9	82.8	108.2
BW Sch40	52.5	62.7	77.9	102.3
SW	62	74.7	90.7	116.1
ø	50.8	63.5	82.6	111.1
A	151	178	219	298
C	104	147	162	228
D	187	324	324	728
E	67	83	108	146
F	148	165	206	289
G	129	141	175	238
H	98	118	143	187
J	3/4"-16 UNF	1"-14UNS	1"-14UNS	1 1/2"-14UNF
L	12.1	18.8	18.8	28.4
M		18.8	18.8	28.4
P	49.5	72.1	72.1	81
Q	49.5	72.1	72.1	81
S	7/16-14UNC	1/2-13UNC	9/16-12UNC	3/4-12UN
T	45	57	57	47
U	78	101	116	157
V	M8	M10	M10	M12
kg	11	17	28	80



**valtaco**<sup>®</sup>



Handle for 2 1/2"  
Maneral para 2 1/2"

**Materials • Materiales**

- 1 Ball • Bole
- 2 Seat • Asiento
- 3 Centering ring • Anillo Centranete
- 4 Seal • Sello
- 5 End • Tapa
- 6 Stud • Birlo
- 7 Lock washer • Roldana de Presión
- 8 Hex nut • Tuerca Hexagonal
- 9 Stem • Vástago
- 10 Thrust bearing • Roldana Inferior del Vástago
- 11 Body • Cuerpo
- 12 Stem seal • Sello del Vástago
- 13 Stem follower • Separador
- 14 Stop Plate • Placa Tapa
- 15 Belleville washer • Roldana Cóncava
- 16 Retaining nut • Tuerca del Vástago
- 17 Stop Screw • Tornillo Tapa
- 18 Lever • Palanca
- 19 Handle • Maneral
- 20 Retention Screw • Tornillo de retención

**2666**

- CF8M, AISI 316
- MULTIFILL
- CF8M
- RP TFE
- CF8M
- WDB
- AISI 304
- AISI 304
- A-194-2HM
- AISI 316
- MULTIFILL
- CF8M
- MULTIFILL
- AISI 304, 316
- AISI 304, 316
- AISI 304
- A-194-2HM
- AISI 304
- A-245-TP316
- CF8M
- AISI 304

**2644**

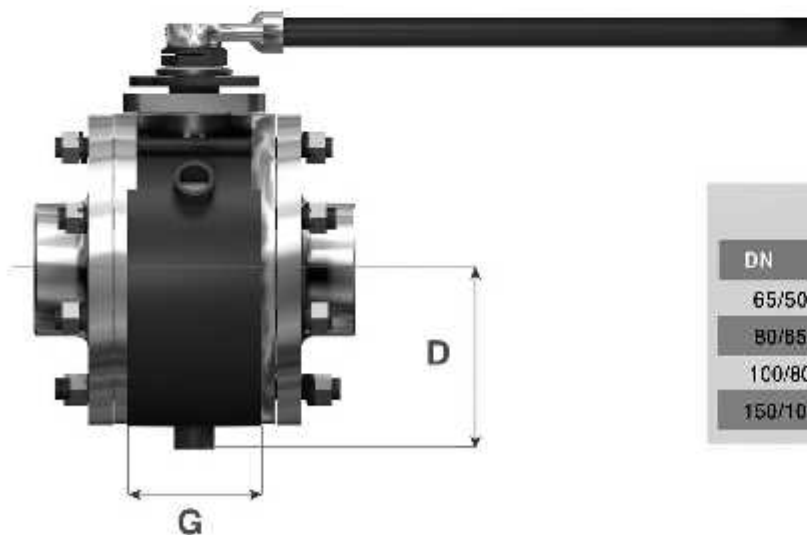
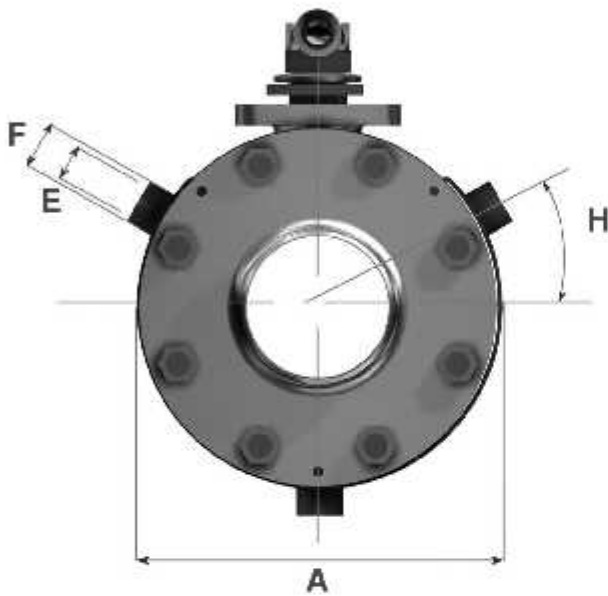
- CF8M, AISI 316
- MULTIFILL
- WDB
- RP TFE
- WDB
- WDB
- SAE J429 Gr. 5
- AISI 1040, AISI 1080
- SAE J429 Gr. 5
- AISI 316
- AISI 316
- MULTIFILL
- WDB
- MULTIFILL
- C1040, C1090
- C1010, 1020
- AISI 1040, AISI 1080
- SAE J429 Gr. 5
- SAE J429 Gr. 5
- A-106
- WDB
- SAE J429 Gr. 5



Heating Jacket / Enchaquetada

26HM66 DN 50-150

**valtaco**



**Dimensions** Dimensiones

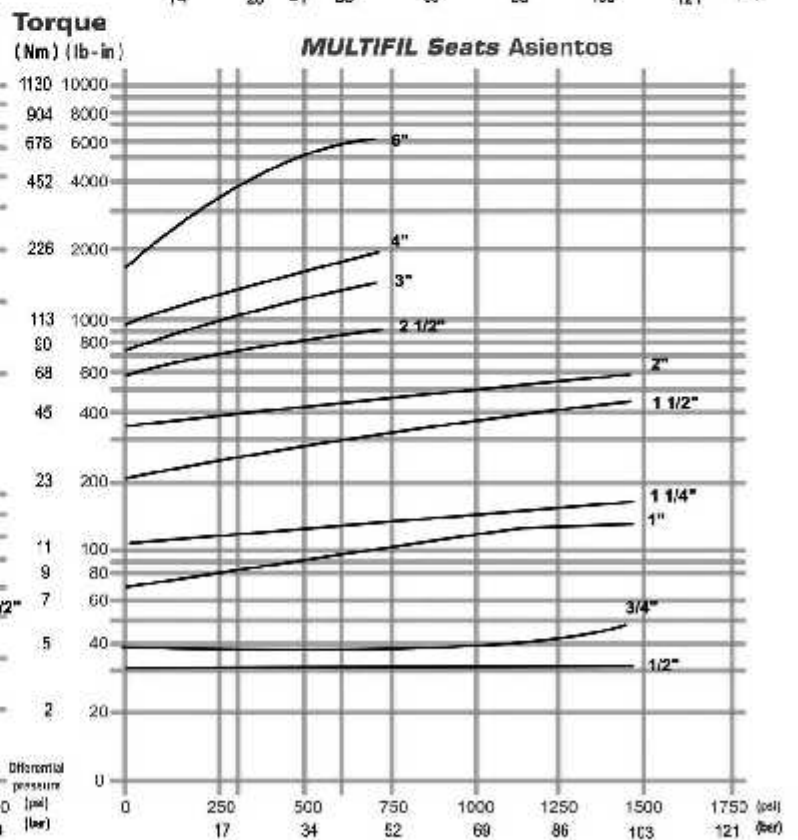
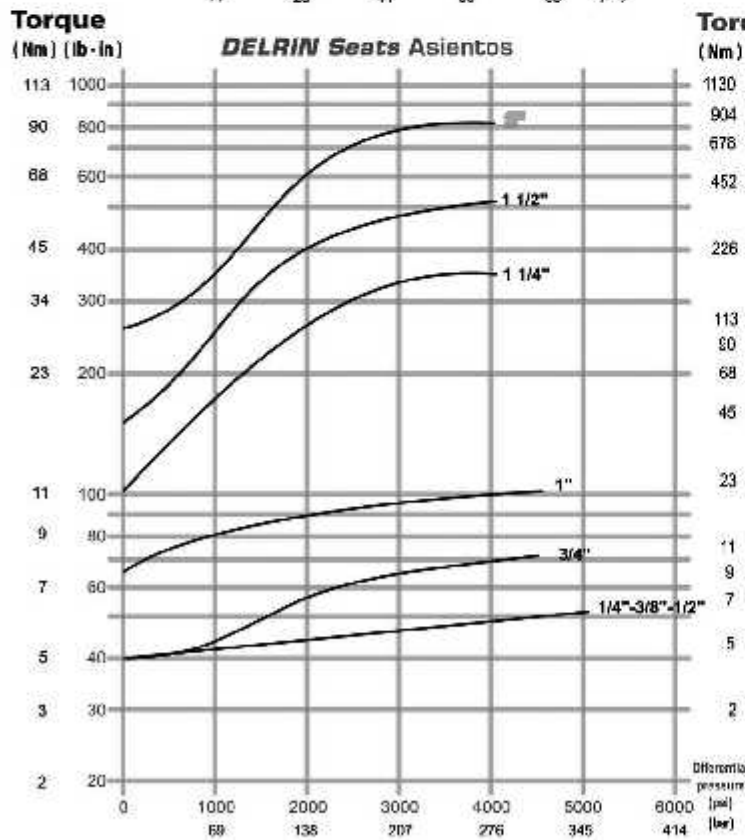
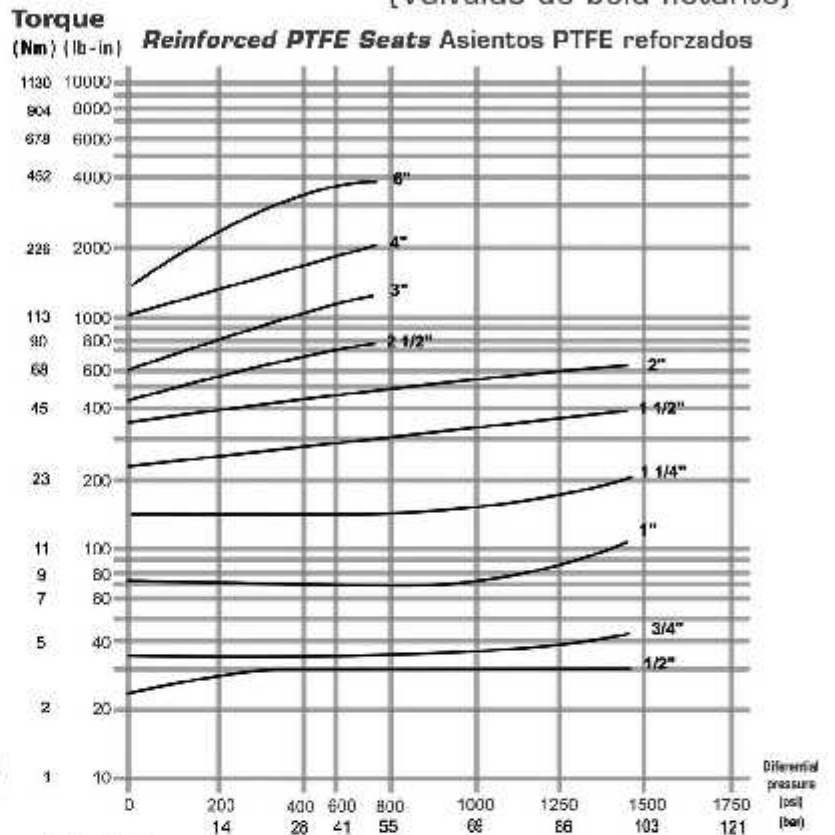
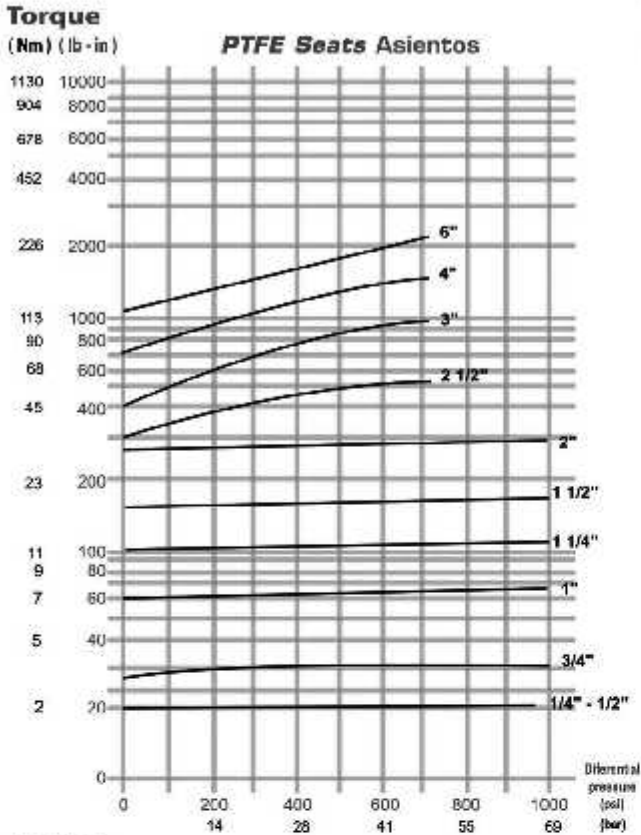
DN	NPS	A	D	E	F	G	H
65/50	2 1/2" / 2"	153	92	1/2"	27	55	30°
80/85	3" / 2 1/2"	170	101	1/2"	27	70	30°
100/80	4" / 3"	211	121	1/2"	27	90	30°
150/100	6" / 4"	294	163	1/2"	27	124	30°

\*Specification is subject to change without prior notice



Torque curves for nominal port and full port (Floating ball valves)

Curvas de torques para puerto nominal y puerto completo (Válvulas de bola flotante)

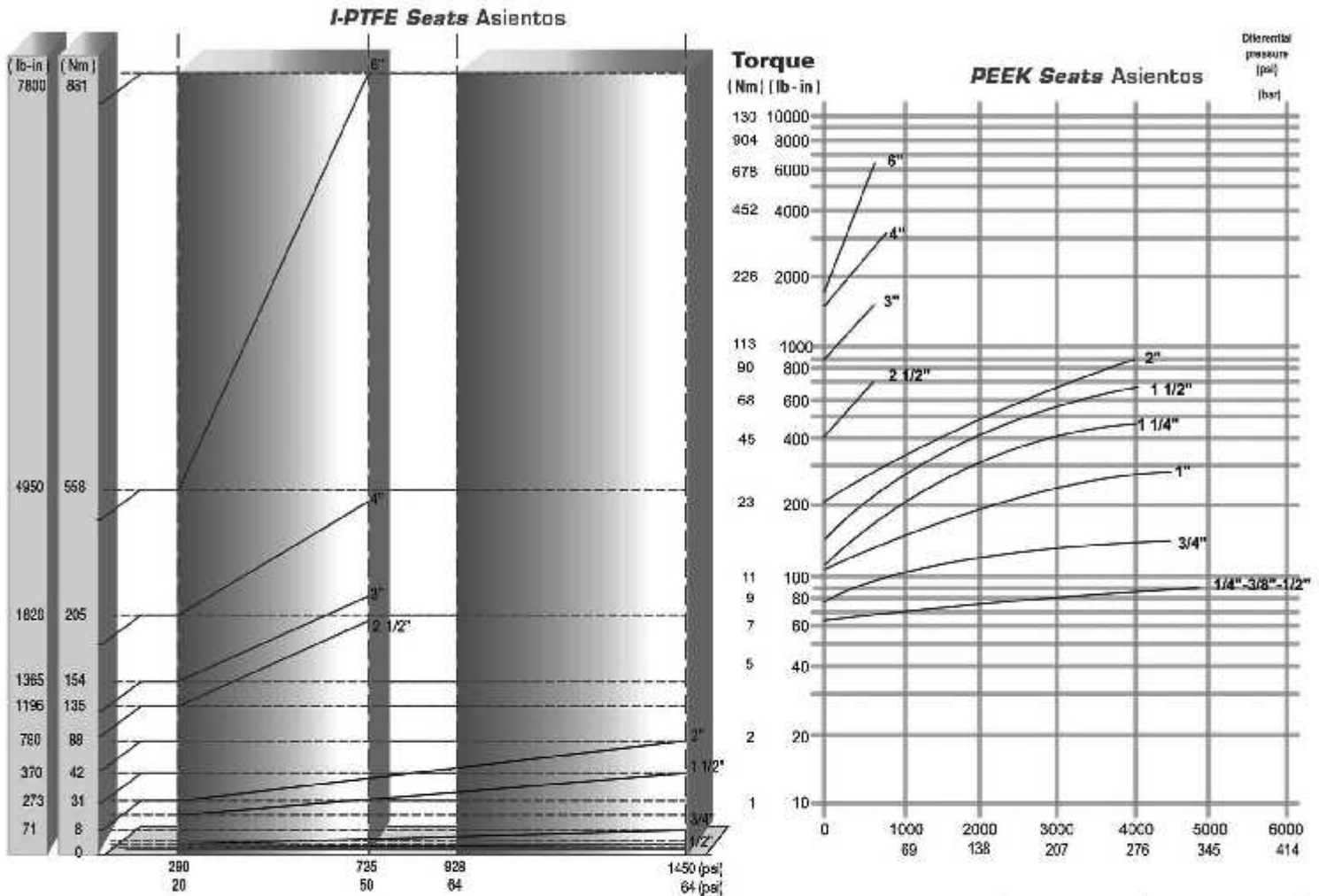


\*Specification is subject to change without prior notice



Torque curves for nominal port and full port (Floating ball valves)

Curvas de torques para puerto nominal y puerto completo  
(Válvulas de bola flotante)



**Important:** Before considering the torque for the calculation of the actuator, the fluid which will be used should be taken into account; some substances do not provide internal lubrication to the valve and increase the torque up to 40%. This mainly happens with solvent substances, and therefore the chart mentioned security factor should be taken into account.

**Importante:** Antes de considerar el torque para el cálculo del actuador se debe tomar en cuenta el tipo de fluido a ser utilizado, ya que algunas sustancias no ayudan a la lubricación interna de la válvula incrementado el torque de ésta hasta un 40%. Esto sucede principalmente con los solventes, por lo que se debe considerar el factor de seguridad en la tabla mostrada.

Determining Torque Determinación de Torque	
Fluid	Factor
Oil: lubrication media (70°F-350°F)	0.8
Clean liquid (particle free)	1.0
Dirty liquid (slurry), raw water	1.8
Clean and wet gas (sat. steam)	1.0
Dry gas (superheated steam)	1.3
natural gas	1.5
Chlorine	1.5

Full Port Paso Completo DN	Nominal Port Paso Nominal DN
8-10	15
15	20
20	25
25	32
32	40
40	50
50	65
65	80
80	100
100	150

**Full Port**

Charts show torque values on nominal port, for full port torque value use equal nominal torque one size higher as above table:

**Paso Total**

Las gráficas muestran el torque de las válvulas de paso nominal. El torque para una válvula de paso total es igual al torque de la válvula de paso nominal de diámetro inmediato superior. Ver tabla:



**TECHNICAL DATA (Seat materials)**

*The Following information for applications should be used together with the Pressure vs. Temperature rating and corrosion chart.*

**T-PTFE.** *Made of PTFE virgin, it is specified to work at 1000 psi from -49°F a 399°F. It is the most common sealing material and is excellent for almost all fluids. PTFE has excellent Chemical resistance and is White in color.*

**R-PTFE.** *It is specified to work at 1500 psi from -19°F a 448°F. These seats are made from glass and reinforced PTFE. These seats are harder than virgin PTFE and have higher pressure-temperature ratings. Chemical resistance is the same as virgin Teflon (except for hot Strong caustics). These seats come in blue in order to distinguish them.*

**M-MULTIFIL.** *Made of PTFE filled with glas, carbon and graphite, it is specified to work at 1500 psi from -248°F a 500°F. It also has larger life cycle than other materials. These seats are grayish brown color.*

**Y-DELIRIN (LUBETAL).** *It is a material for high pressures, specified to work up to 6000 psi. The temperature range is from -87°F to 180°F. This material should not be used for oxygen services. It is made of "DuPont Acetal Homopolymer" and filled with PTFE and glass fiber. Its color is "bone-white".*

**P-PEEK.** *( Poly Ether Ketone ), It has good capacity for working at high pressures and temperature, specified to work at 6000 psi from -67°F a 599°F. It has an excellent resistance to abrasion and it is chemically resistant to most of the fluids except for sulfuric ones and highly oxidizing acids and halons. Its color is Black.*

**H-INOX.** *Made of virgin PTFE and stainless steel resin. These seats have very good capacity for working at high pressures and temperatures. It is specified to work at 3000 psi from -320°F to 662°F. It is an excellent material for seats in steam applications and termal fluids (hot oil) and it is a good material for difficult applications. It also has a larger life cycle than other materials and a very good resistance to abrasion.*

**DATOS TECNICOS [ Materiales de Asientos ]**

La Siguiente información de aplicación deberá ser usada en conjunto con la gráfica de Presión vs. Temperatura y la tabla de corrosión.

**T-PTFE.** Hechos de PTFE virgen están especificados para trabajar a 1000 psi en un rango de temperatura de -45°C a 204°C. Es el material de sellado más común y uso con casi cualquier fluido. No es adecuado para ciclos térmicos amplios. Tiene una resistencia química excelente y de color blanco.

**R-PTFE.** Especificado para trabajar a 1500 psi en un rango de temperatura -45°C a 230°C. Estos asientos están hechos de PTFE reforzado con fibra de vidrio. Son más duros que los asientos de teflón virgen y tienen un mayor rango de presión de operación. Su resistencia química es igual que la del PTFE virgen [ excepto para cáusticos fuertes calientes ] Normalmente son suministrados en color azul para diferenciarlos.

**M-MULTIFIL.** Hecho en PTFE virgen con carga de fibra de vidrio, carbon y grafito, el multifil es adecuado para una operación a 1500 psi en un rango de temperatura -156°C a 260°C. También tiene un ciclo de vida más amplio que otros materiales. Los asientos son de color pardo.

**Y-DELIRIN (LUBETAL).** Es un material de asiento para alta presión. Especificados para trabajar hasta 6000 psi dependiendo del tamaño de la válvula y serie en un rango de temperatura -55°C a 82°C. Este material no deberá ser usado en servicio de oxígeno. Son hechos de "DuPont Acetal Homopolymer" y reforzado con teflón y fibra de vidrio. Son de color Hueso.

**P-PEEK.** [ Poly Ether Ketone ]. Tiene muy buena capacidad para trabajar en alta presión y temperatura, su rango de operación es de 6000 psi rango de temperatura -55°C a 315°C. Tiene una excelente resistencia a la abrasión y es químicamente resistente a la mayoría de los fluidos excepto los sulfúricos y ácidos altamente oxidantes y halones. Es de color negro y notablemente más pesado que el multifil.

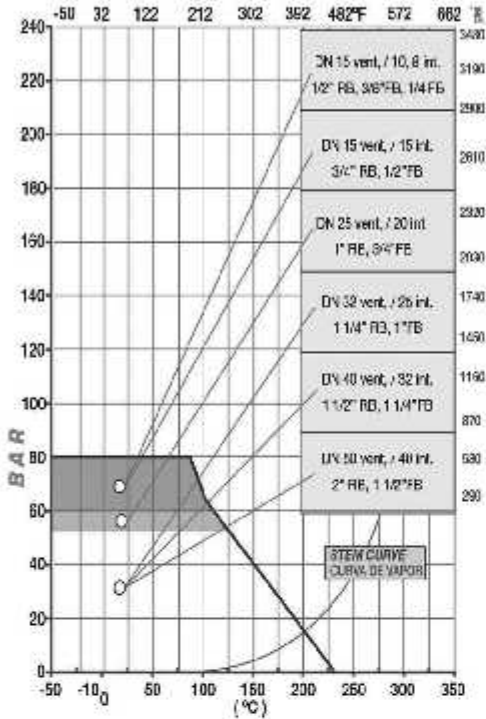
**H-INOX.** Hechos de resinas de PTFE virgen y acero inoxidable. Estos asientos tienen una muy buena capacidad para trabajar en alta presión y temperatura, su rango de operación es de 3000 psi y su rango de temperatura -196°C a 350°C. Es un excelente material para asientos en aplicaciones de vapor y fluido térmico ( aceite caliente ) y es un buen material para aplicaciones criogénicas. También tiene un mejor ciclo de vida que otros materiales. Son recomendables en resistencia a la abrasión. Su uso de vapor de presión de vapor esta garantizado hasta 150 psi.

**Pressure temperature selection 15i**

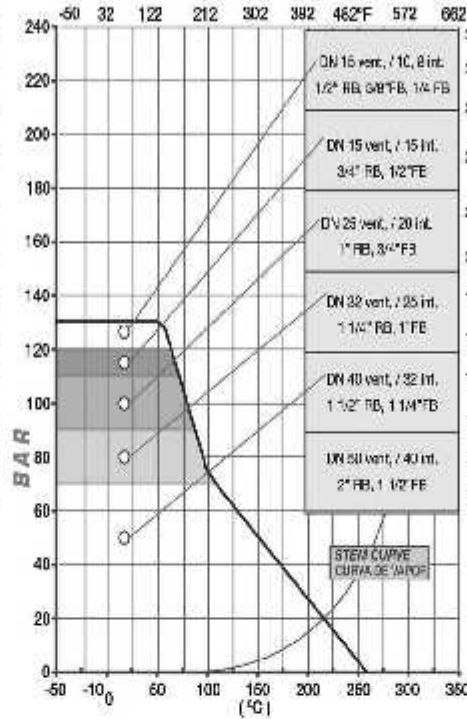
Selección de presión temperature 15i



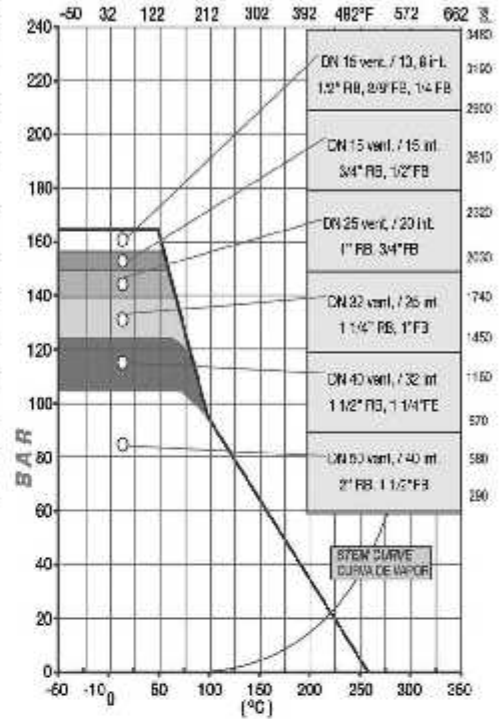
**PT diagram PTFE**



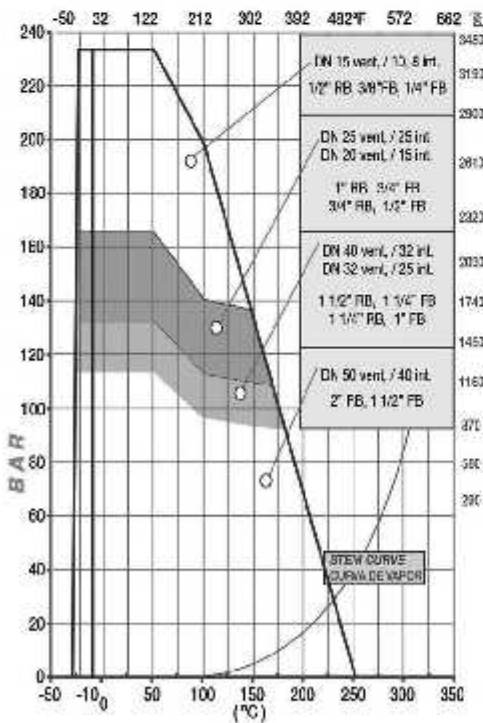
**PT diagram PTFE-Fibreglass (R)**



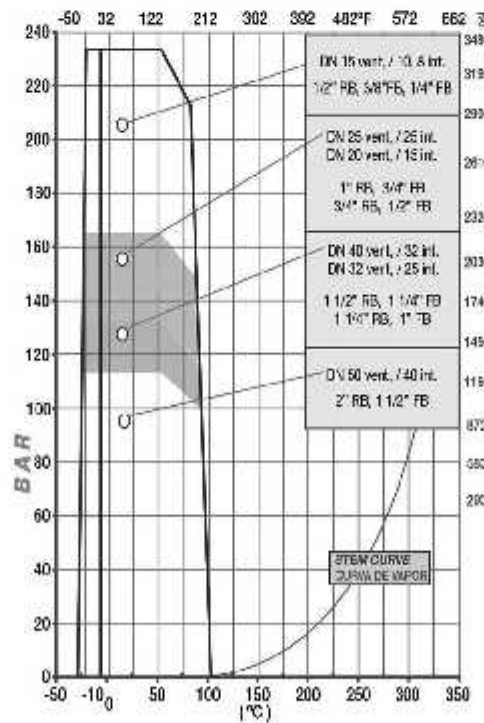
**PT diagram PTFE Carbon (C)**



**PT diagram PEEK (P)**



**PT diagram DELRIN (D)**



\*Specification is subject to change without prior notice



**Steam service for ball valves / Servicio de vapor para Válvulas de bola**

Seat / Asiento	Body Seal / Sello del Cuerpo	Seat Rating on/off Service / Rango para Servicio on/off	Seat Rating allowable floating drop / Caída de presión permisible para servicio de control
MT MULTIFIL	MT MULTIFIL	250 -450 WPS	P1 150 psi ΔP=50 psi
I PTFE+INOX	I PTFE+INOX	600 WPS	P1 300 psi ΔP=150 psi

**Multifill seats range / Rangos para Asientos Multifill**

Valve Size / Tamaño de Válvula	Working Steam Pressure* / Presión de Trabajo de Vapor**	Corresponding Temperature** / Temperatura Correspondiente**
1/4" - 1/2"	450 WPS	232° C (459°F)
3/4"	425 WPS	235° C (455°F)
1"	400 WPS	231° C (447°F)
1 1/4"	350 WPS	224° C (435°F)
1 1/2"	325 WPS	220° C (428°F)
2"	250 WPS	208° C (406°F)



**\*Maximum valve pressure rating**  
**\*Rangos para Asientos Multifill**

**\*\*Valves in superheated steam service may be used at any steam pressure provided the service temperature does not exceed the temperature shown.**

**\*\*Las Válvulas de servicio de vapor sobrecalentado pueden usarse en cualquier presión de vapor siempre que la temperatura de servicio no supere las temperaturas que se muestran.**

DATOS TÉCNICOS  
Technical Data

PTFE		SIZE / TAMAÑO									
REDUCED BORE SERIES 26 / PASO REDUCIDO SERIE 26											
		2 1/2" DN65		3" DN80		4" DN100		6" DN150			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	550	62.1	1000	113	1400	158.2	2200	248.6		

PTFE		SIZE / TAMAÑO									
FULL BORE SERIES 26 / PASO COMPLETO SERIE 26											
		2" DN50		2 1/2" DN65		3" DN80		4" DN100			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	550	62.1	1000	113	1400	158.2	2200	248.6		

PTFE		SIZE / TAMAÑO											
REDUCED BORE SERIES 15i / PASO REDUCIDO SERIE 15i													
		1/2" DN15		3/4" DN20		1" DN25		1 1/4" DN32		1 1/2" DN42		2" DN50	
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm
400	64	24	2.7	32	3.6	67	7.6	100	11.3	160	18.1	260	248.6

PTFE		SIZE / TAMAÑO											
FULL BORE SERIES 15i / PASO COMPLETO SERIE 15i													
		1/2" DN15		3/4" DN20		1" DN25		1 1/4" DN32		1 1/2" DN42			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
400	64	32	3.6	67	7.6	100	11.3	160	18.1	260	248.6		

RPTFE		SIZE / TAMAÑO									
REDUCED BORE SERIES 26 / PASO REDUCIDO SERIE 26											
		2 1/2" DN65		3" DN80		4" DN100		6" DN150			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	740	83.6	1400	158.2	2200	248.6	3900	440.7		

RPTFE		SIZE / TAMAÑO									
FULL BORE SERIES 26 / PASO COMPLETO SERIE 26											
		2" DN50		2 1/2" DN65		3" DN80		4" DN100			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	740	83.6	1400	158.2	2200	248.6	3900	440.7		

RPTFE		SIZE / TAMAÑO											
REDUCED BORE SERIES 15i / PASO REDUCIDO SERIE 15i													
		1/2" DN15		3/4" DN20		1" DN25		1 1/4" DN32		1 1/2" DN42		2" DN50	
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm
600	100	30	3.4	45	5.1	110	12.4	210	23.7	400	45.2	615	69.5

RPTFE		SIZE / TAMAÑO											
FULL BORE SERIES 15i / PASO COMPLETO SERIE 15i													
		1/2" DN15		3/4" DN20		1" DN25		1 1/4" DN32		1 1/2" DN42			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
600	100	45	5.1	110	12.4	210	23.7	400	45.2	615	69.5		

MULTIFIL		SIZE / TAMAÑO									
REDUCED BORE SERIES 26 / PASO REDUCIDO SERIE 26											
		2 1/2" DN65		3" DN80		4" DN100		6" DN150			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	920	104	1500	169.5	2000	226	6000	678		

MULTIFIL		SIZE / TAMAÑO									
FULL BORE SERIES 26 / PASO COMPLETO SERIE 26											
		2" DN50		2 1/2" DN65		3" DN80		4" DN100			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	920	104	1500	169.5	2000	226	6000	678		

MULTIFIL		SIZE / TAMAÑO											
REDUCED BORE SERIES 15i / PASO REDUCIDO SERIE 15i													
		1/2" DN15		3/4" DN20		1" DN25		1 1/4" DN32		1 1/2" DN42		2" DN50	
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm
600	100	32	3.6	55	6.2	130	14.7	160	18.1	430	48.6	600	67.8

MULTIFIL		SIZE / TAMAÑO											
FULL BORE SERIES 15i / PASO COMPLETO SERIE 15i													
		1/2" DN15		3/4" DN20		1" DN25		1 1/4" DN32		1 1/2" DN42			
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
600	100	55	6.2	130	14.7	160	18.1	430	48.6	600	67.8		

\*Specification is subject to change without prior notice

I - PTFE		SIZE / TAMAÑO									
REDUCED BORE SERIES 26 / PASO REDUCIDO SERIE 26											
		2 1/2" DN65	3" DN80	4" DN100	6" DN150						
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	1196	135.1	1950	220.3	2600	293.8	7800	881.4		

I - PTFE		SIZE / TAMAÑO									
FULL BORE SERIES 26 / PASO COMPLETO SERIE 26											
		2" DN50	2 1/2" DN65	3" DN80	4" DN100						
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
300	50	1196	135.1	1950	220.3	2600	293.8	7800	881.4		

I - PTFE		SIZE / TAMAÑO											
REDUCED BORE SERIES 15i / PASO REDUCIDO SERIE 15i													
		1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN42	2" DN50						
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm
600	100	42	4.7	71.5	8.1	169	19.1	160	18.1	559	63.2	780	88.1

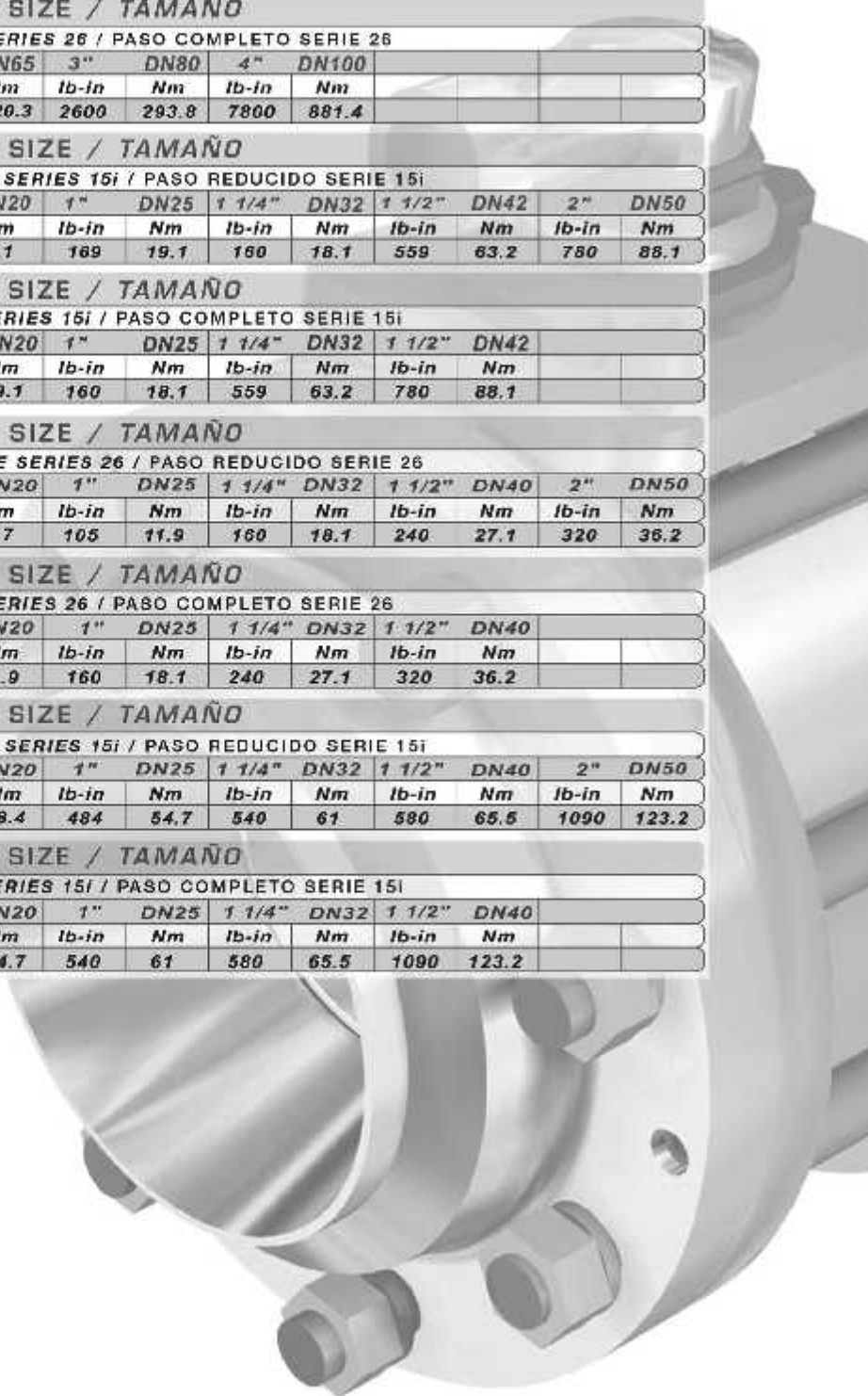
I - PTFE		SIZE / TAMAÑO											
FULL BORE SERIES 15i / PASO COMPLETO SERIE 15i													
		1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN42							
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
600	100	71.5	8.1	169	19.1	160	18.1	559	63.2	780	88.1		

DELRIN		SIZE / TAMAÑO											
REDUCED BORE SERIES 26 / PASO REDUCIDO SERIE 26													
		1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN40	2" DN50						
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm
NONE	206	56	6.3	68	7.7	105	11.9	160	18.1	240	27.1	320	36.2

DELRIN		SIZE / TAMAÑO											
FULL BORE SERIES 26 / PASO COMPLETO SERIE 26													
		1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN40							
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
NONE	206	68	7.7	105	11.9	160	18.1	240	27.1	320	36.2		

PEEK		SIZE / TAMAÑO											
REDUCED BORE SERIES 15i / PASO REDUCIDO SERIE 15i													
		1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN40	2" DN50						
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm
NONE	206	168	19	340	38.4	484	54.7	540	61	580	65.5	1090	123.2

PEEK		SIZE / TAMAÑO											
FULL BORE SERIES 15i / PASO COMPLETO SERIE 15i													
		1/2" DN15	3/4" DN20	1" DN25	1 1/4" DN32	1 1/2" DN40							
CLASS	PN	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm		
NONE	206	340	38.4	484	54.7	540	61	580	65.5	1090	123.2		



\*Specification is subject to change without prior notice



15i66

2"

PR

BSPP/BSPP

RRCC

HHS

<b>15i66:</b>	<i>Series 15i, Stainless Steel construction and ISO plate.</i> Serie 15i, construcción en acero inoxidable, con base ISO.
<b>15i44:</b>	<i>Series 15i, Carbon Steel construction and ISO plate.</i> Serie 15i, construcción en acero al carbón, con base ISO.
<b>15iAF66:</b>	<i>Series 15i, Stainless Steel construction, ISO plate, anti-static device and Fire Safe Certified.</i> Serie 15i, construcción en acero inoxidable, con dispositivo antiestático, a prueba de fuego y base ISO.
<b>15iAF44:</b>	<i>Series 15i, Carbon Steel construction, ISO plate, anti-static device and Fire Safe Certified.</i> Serie 15i, construcción en acero al carbón, con dispositivo antiestático, a prueba de fuego y base ISO.
<b>15iHM66:</b>	<i>Series 15i, Stainless Steel construction, Jacketed and ISO plate.</i> Serie 15i, construcción en acero inoxidable, enchaquetada con base ISO.
<b>2666:</b>	<i>Series 26, Stainless Steel construction and ISO plate.</i> Serie 26, construcción en acero inoxidable y plato ISO.
<b>2644:</b>	<i>Series 26, Carbon Steel construction and ISO plate.</i> Serie 26, construcción en acero al carbón y plato ISO.
<b>26AF66:</b>	<i>Series 26, Stainless Steel construction, anti-static device, fire safe certified and ISO plate.</i> Serie 26, construcción en acero inoxidable, con dispositivo antiestático, a prueba de fuego y plato ISO.
<b>26AF44:</b>	<i>Series 26, Carbon Steel construction, anti-static device, fire safe certified and ISO plate.</i> Serie 26, construcción en acero al carbón, con dispositivo antiestático, a prueba de fuego y plato ISO.
<b>26HM66:</b>	<i>Series 26, Stainless Steel construction, jacketed and ISO plate.</i> Serie 26, construcción en acero inoxidable, enchaquetada y plato ISO.
<b>2":</b>	<i>Size (1/4" to 6")</i> Tamaño (1/4" a 6")
<b>PR:</b>	<i>Reduced Port (PR) or Full Port (PT)</i> Paso Reducido (PR) ó Paso Total (PT)
<b>BSPP/BSPT:</b>	<i>Connections (BSPP, BSPT, NPT, BW or SW)</i> Conexiones (BSPP, BSPT, NPT, BW ó SW)
<b>RRCC:</b>	<i>Seats, Body Seals, Inferior Washer, Stem Seal.</i> Asientos, Sellos del Cuerpo, Rondana Inferior y Sello del Vástago.
<b>HHS:</b>	<i>With Handle (HHS) or without Handle (OHH)</i> con Maneral (HHS) ó sin Maneral (OHH)

### Seat Materials

### Materiales de Asientos

<b>R:</b>	PTFE-Glass
<b>T:</b>	Virgen PTFE
<b>C:</b>	MULTIFIL
<b>G:</b>	Grafite
<b>D:</b>	DELIRIN
<b>P:</b>	PEEK
<b>I:</b>	Inoxidable / Stainless PTFE

**Important Note: Valtaco codes are designed to describe main characteristics.**

Observaciones: Los códigos de Valtaco están diseñados para describir las principales características.

**To order: Besides codes described above, please send detail information together with your inquiry.**  
Para Ordenar: Adicional a los códigos descritos, favor de incluir una descripción detallada de su solicitud.

**For more information, please contact our authorized Distributor in your country.**

Favor de Consultar a nuestro distribuidor autorizado en su país para mayor información.