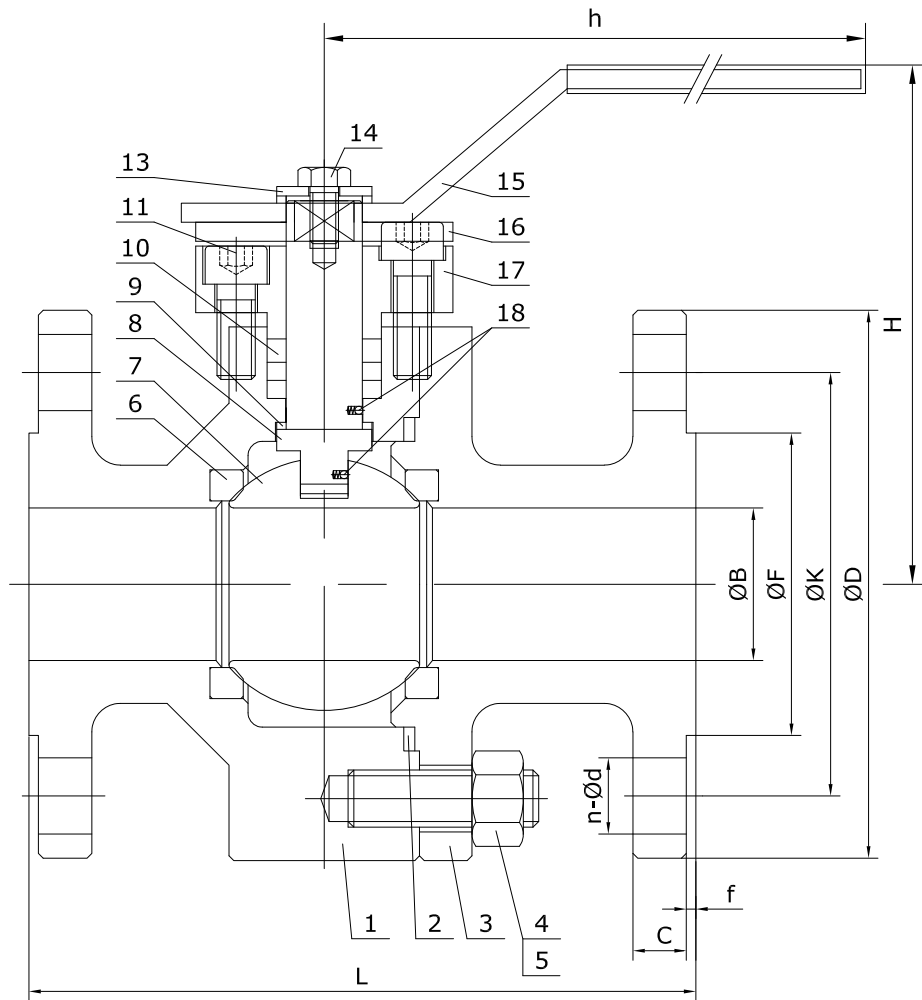
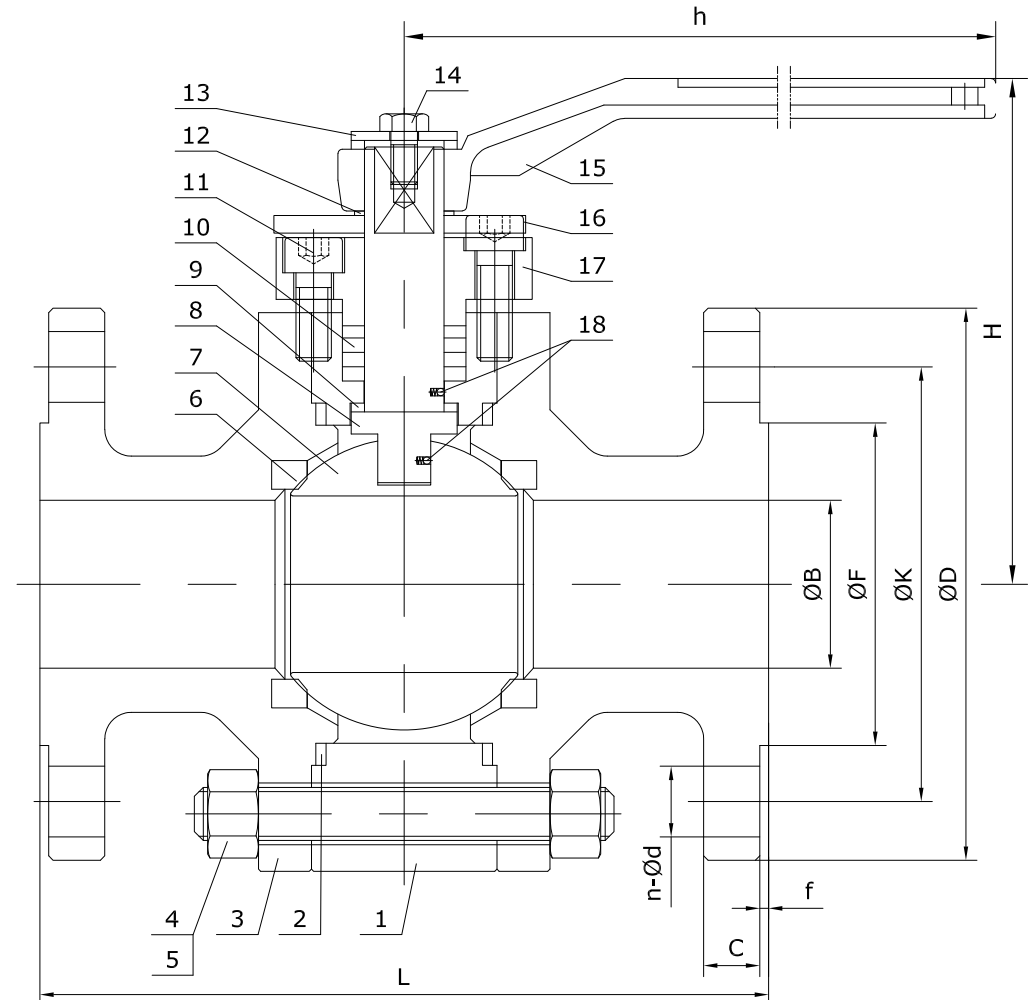


From NPS 1/2" to NPS 1-1/4" / Desde NPS 1/2" a NPS 1-1/4"



From NPS 1-1/2" to NPS 2" / Desde NPS 1-1/2" a NPS 2"



MAIN FEATURES/PRINCIPALES ATRIBUTOS

- Design/ Diseño: API6D
- Class/ Clase: 150#
- Valve length/ Longitud: ASME B16.10
- Valve end connections/Extremos: Flanged to/ Bridas según ASME B16.5
- Fire safe design/ Diseño ignífugo: API6FA
- Inspections & tests / Inspecciones y pruebas: API 598
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio

Product may be compliant with Pressure Equipment Directive PED, max. category III for European territory / Producto conforme a la Directiva de Equipos a Presión PED, máx. categoría III para Europa
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Customer/Cliente -		Project/Proyecto -		 FORGED FLOATING BALL VALVE VÁLVULA FORJADA DE BOLA FLOTANTE UNIFLOW BV B8 Class 150 DN15-50 RF A105/A182 F304/A182 F316 B8__ _000A100__				
Your Ref./Su Ref. -		Our Ref./Nuestra Ref. -						
	Rev. 1	Rev. 2	Rev. 3					
Date/Fecha								
Name/Nombre								
			Drawn/Dibujado MJ		Approved/Aprobado JG		Drawing N°/Plano N° GDB8-01 1/2	
			Checked/Comprob. DT		Date/Fecha 11/04/2016			

From NPS 1/2" to NPS 1-1/4" / Desde NPS 1/2" a NPS 1-1/4"

No.	Part/Parte	Material		
		A105 (B8A0_)	A182 F304 (B8I1_)	A182 F316 (B8I3_)
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	St. Steel	St. Steel	St. Steel
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

From NPS 1-1/2" to NPS 2" / Desde NPS 1-1/2" a NPS 2"

No.	Part/Parte	Material		
		A105 (B8A0_)	A182 F304 (B8I1_)	A182 F316 (B8I3_)
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
12	Washer	Carbon Steel	Carbon Steel	Carbon Steel
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	Carbon Steel+ Epoxy coated	Carbon Steel+ Epoxy coated	Carbon Steel+ Epoxy coated
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

Size/ Tamaño	End connection / Conexión extremos								Top works/ Operation		Kvs-value	Approx. Weight (kg)
	RF								Lever			
	L	ØB	ØD	ØK	ØF	C	f	n-Ød	H	h		
1/2"	108	13	90	60,3	34,9	8	2	4 - 5/8	80	136	-	-
3/4"	117	19	100	69,9	42,9	8,9	2	4 - 5/8	92	174	-	-
1"	127	25	110	79,4	50,8	9,6	2	4 - 5/8	98	185	-	-
1 1/4"	140	32	115	88,9	63,5	11,2	2	4 - 5/8	109	185	-	-
1 1/2"	165	38	125	98,4	73	12,7	2	4 - 5/8	115	210	-	-
2"	178	51	150	120,7	92,1	14,3	2	4 - 3/4	132	242	-	-

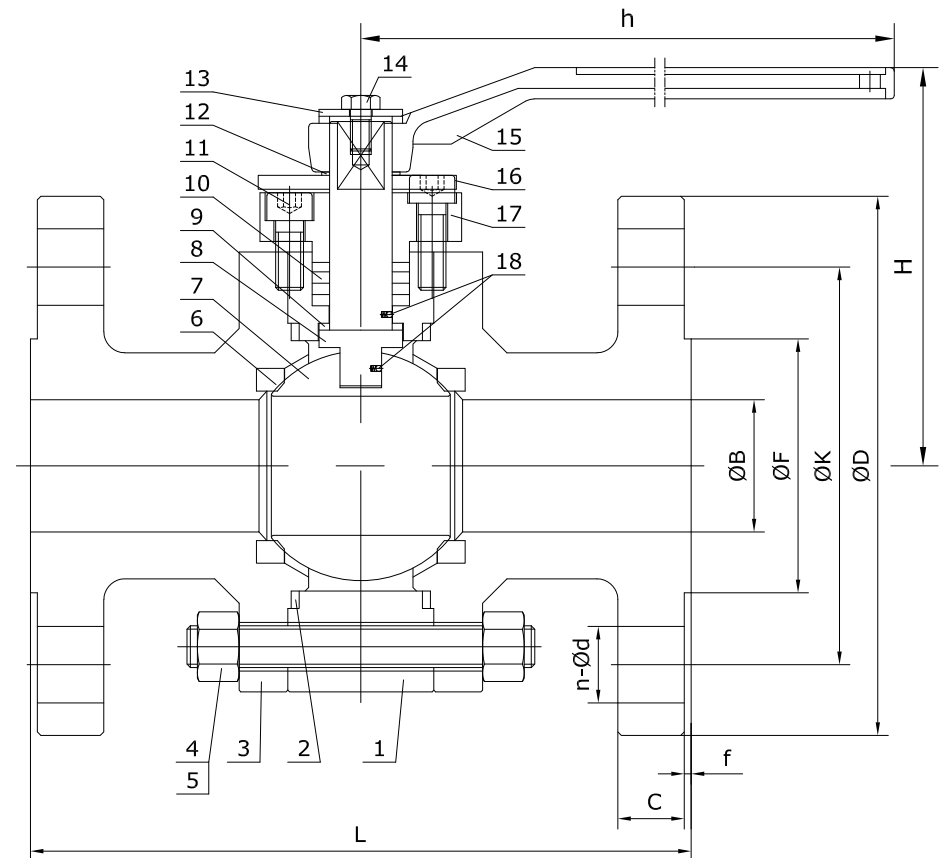
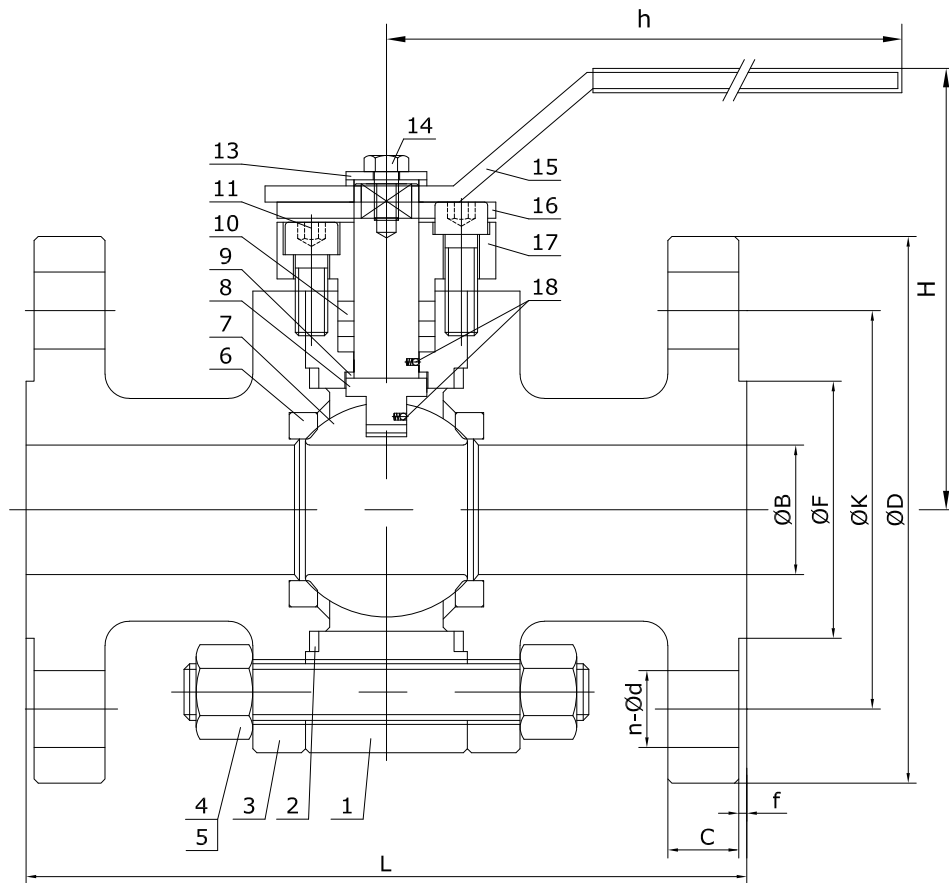
Dimensions in mm. (except for bolt holes, which are in inch units) subject to manufacturing tolerance
Dimensiones en mm. (excepto los agujeros de los pernos que están en pulgadas) sujetas a tolerancias de fabricación

CE Product may be compliant with Pressure Equipment Directive PED, max. category III for European territory /
Producto conforme a la Directiva de Equipos a Presión PED, máx. categoría III para Europa
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Customer/Cliente -		Project/Proyecto -		 FORGED FLOATING BALL VALVE VÁLVULA FORJADA DE BOLA FLOTANTE UNIFLOW BV B8 Class 150 DN15-50 RF A105/A182 F304/A182 F316 B8__ _000A100__ _		
Your Ref./Su Ref. -		Our Ref./Nuestra Ref. -				
	Rev. 1	Rev. 2	Rev. 3			
Date/Fecha						
Name/Nombre						
				Drawn/Dibujado MJ	Approved/Aprobado JG	Drawing N°/Plano N° GDB8-01 2/2
				Checked/Comprob. DT	Date/Fecha 11/04/2016	

From NPS 1/2" to NPS 1-1/4" / Desde NPS 1/2" a NPS 1-1/4"

From NPS 1-1/2" to NPS 2" / Desde NPS 1-1/2" a NPS 2"



MAIN FEATURES/PRINCIPALES ATRIBUTOS

- Design/ Diseño: API6D
- Class/ Clase: 300#
- Valve length/ Longitud: ASME B16.10
- Valve end connections/Extremos: Flanged to/ Bridas según ASME B16.5
- Fire safe design/ Diseño ignífugo: API6FA
- Inspections & tests / Inspecciones y pruebas: API 598
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio

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Customer/Cliente -		Project/Proyecto -		 Uniflow FORGED FLOATING BALL VALVE VÁLVULA FORJADA DE BOLA FLOTANTE UNIFLOW BV B8 Class 300 DN15-50 RF A105/A182 F304/A182 F316 B8__ _000A300__ _	
Your Ref./Su Ref. -		Our Ref./Nuestra Ref. -			
	Rev. 1	Rev. 2	Rev. 3		
Date/Fecha					
Name/Nombre					
			Drawn/Dibujado MJ	Approved/Aprobado JG	Drawing N°/Plano N° GDB8-02 1/2
			Checked/Comprob. DT	Date/Fecha 20/04/2016	

From NPS 1/2" to NPS 1-1/4" / Desde NPS 1/2" a NPS 1-1/4"

No.	Part/Parte	Material		
		A105 (B8A0_)	A182 F304 (B8I1_)	A182 F316 (B8I3_)
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	St. Steel	St. Steel	St. Steel
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

From NPS 1-1/2" to NPS 2" / Desde NPS 1-1/2" a NPS 2"

No.	Part/Parte	Material		
		A105 (B8A0_)	A182 F304 (B8I1_)	A182 F316 (B8I3_)
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
12	Washer	Carbon Steel	Carbon Steel	Carbon Steel
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	Carbon Steel+ Epoxy coated	Carbon Steel+ Epoxy coated	Carbon Steel+ Epoxy coated
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

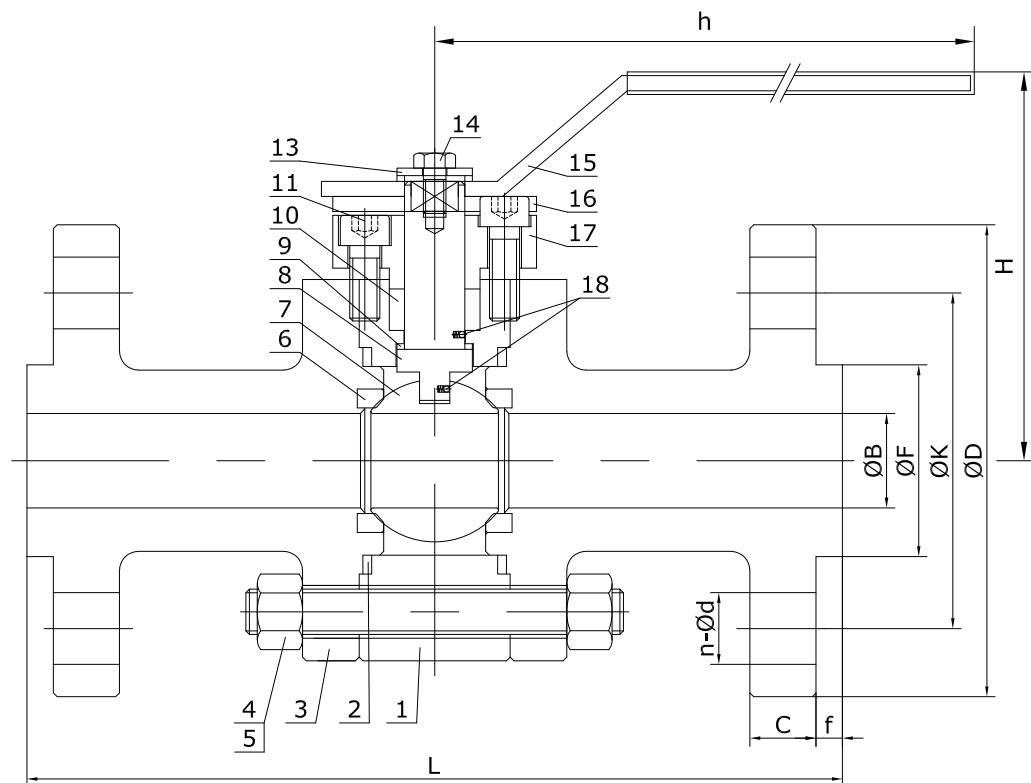
Size/ Tamaño	End connection / Conexión extremos								Top works/ Operation Lever		Kvs-value (m3/h)	Approx. Weight (kg)
	L	ØB	ØD	ØK	ØF	C	f	n-Ød	H	h		
1/2"	140	13	95	66,7	34,9	12,7	2	4 - 5/8	80	136	-	-
3/4"	152	19	115	82,6	42,9	14,3	2	4 - 3/4	92	174	-	-
1"	165	25	125	88,9	50,8	15,9	2	4 - 3/4	98	185	-	-
1 1/4"	178	32	135	98,4	63,5	17,5	2	4 - 3/4	109	185	-	-
1 1/2"	190	38	155	114,3	73	19,1	2	4 - 7/8	115	210	-	-
2"	216	51	165	127	92,1	20,7	2	8 - 3/4	132	242	-	-

Dimensions in mm. (except for bolt holes, which are in inch units) subject to manufacturing tolerance
 Dimenstones en mm. (excepto los agujeros de los pernos que están en pulgadas) sujetas a tolerancias de fabricación

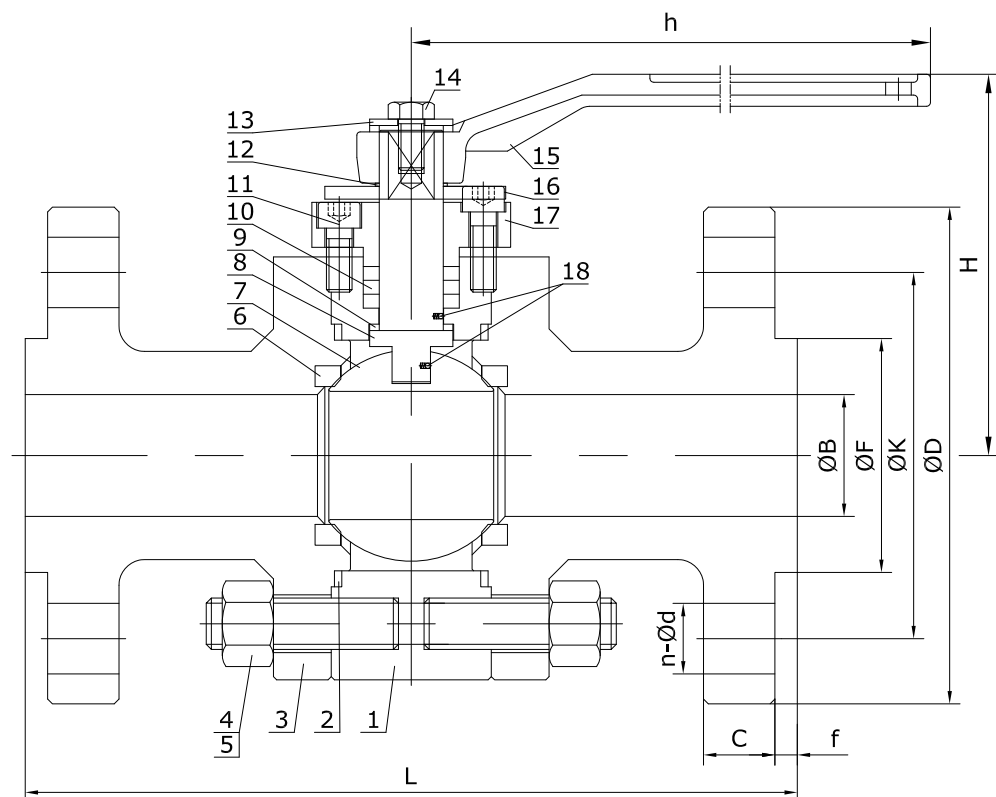
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Your Ref./Su Ref. -		Our Ref./Nuestra Ref. -			
	Rev. 1	Rev. 2	Rev. 3		
Date/Fecha					
Name/Nombre				Approved/Aprobado JG Date/Fecha 20/04/2016 Drawing N°/Plano N° GDB8-02 2/2	
					

From NPS ½" to NPS 1" / Desde NPS ½" a NPS 1"



From NPS 1-¼" to NPS 2" / Desde NPS 1-¼" a NPS 2"



MAIN FEATURES/PRINCIPALES ATRIBUTOS

- Design/ Diseño: API6D
- Class/ Clase: 600#
- Valve length/ Longitud: ASME B16.10
- Valve end connections/Extremos: Flanged to/ Bridas según ASME B16.5
- Fire safe design/ Diseño ignífugo: API6FA
- Inspections & tests / Inspecciones y pruebas: API 598
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio

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Your Ref./Su Ref. -		Our Ref./Nuestra Ref. -				
	Rev. 1	Rev. 2	Rev. 3	 Uniflow		
Date/Fecha						
Name/Nombre						
 Comeval®				Drawn/Dibujado MJ	Approved/Aprobado JG	Drawing N°/Plano N° GDB8-03 1/2
				Checked/Comprob. DT	Date/Fecha 20/04/2016	

From NPS ½" to NPS 1" / Desde NPS ½" a NPS 1"

No.	Part/Parte	Material		
		A105 (B8A0_)	A182 F304 (B8I1_)	A182 F316 (B8I3_)
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	St. Steel	St. Steel	St. Steel
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

From NPS 1-¼" to NPS 2" / Desde NPS1-¼" a NPS 2"

No.	Part/Parte	Material		
		A105 (B8A0_)	A182 F304 (B8I1_)	A182 F316 (B8I3_)
1	Body	ASTM A105	A182 F304	A182 F316
2	Gasket	SS304+Graphite	SS304+Graphite	SS316+Graphite
3	Bonnet	ASTM A105	A182 F304	A182 F316
4	Bolt	A193 B7	A193 B8	A193 B8M
5	Nut	A194 2H	A194 8	A194 8M
6	Seat	RPTFE	RPTFE	RPTFE
7	Ball	A182 F304	A182 F304	A182 F316
8	Stem	A182 F304	A182 F304	A182 F316
9	Gasket	RPTFE	RPTFE	RPTFE
10	Packing	Flexible Graphite	Flexible Graphite	Flexible Graphite
11	Screw	A193 B7	A193 B8	A193 B8M
12	Washer	Carbon Steel	Carbon Steel	Carbon Steel
13	Lever Holder	Carbon Steel	Carbon Steel	Carbon Steel
14	Bolt	A193 B7	A193 B7	A193 B7
15	Lever	Carbon Steel+ Epoxy coated	Carbon Steel+ Epoxy coated	Carbon Steel+ Epoxy coated
16	Positioner	Carbon Steel	Carbon Steel	Carbon Steel
17	Packing Gland	ASTM A105	A182 F304	A182 F316
18	Anti-Static	SS304	SS304	SS316

Size/ Tamaño	End connection / Conexión extremos								Top works/ Operation Lever		Kvs-value (m3/h)	Approx. Weight (kg)
	RF								H	h		
1/2"	165	13	95	66,7	34,9	14,3	7	4 - 5/8	80	136	-	-
3/4"	190	19	115	82,6	42,9	15,9	7	4 - 3/4	93	185	-	-
1"	216	25	125	88,9	50,8	17,5	7	4 - 3/4	103	185	-	-
1 1/4"	229	32	135	98,4	63,5	20,7	7	4 - 3/4	106	210	-	-
1 1/2"	241	38	155	114,3	73	22,3	7	4 - 7/8	119	240	-	-
2"	292	51	165	127	92,1	25,4	7	8 - 3/4	139	330	-	-

Dimensions in mm. (except for bolt holes, which are in inch units) subject to manufacturing tolerance
 Dimensiones en mm. (excepto los agujeros de los pernos que están en pulgadas) sujetas a tolerancias de fabricación



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Your Ref./Su Ref. -		Our Ref./Nuestra Ref. -				
	Rev. 1	Rev. 2	Rev. 3			
Date/Fecha						
Name/Nombre				 Drawn/Dibujado MJ Checked/Comprob. DT		
		Approved/Aprobado JG Date/Fecha 20/04/2016				Drawing N°/Plano N° GDB8-03 2/2