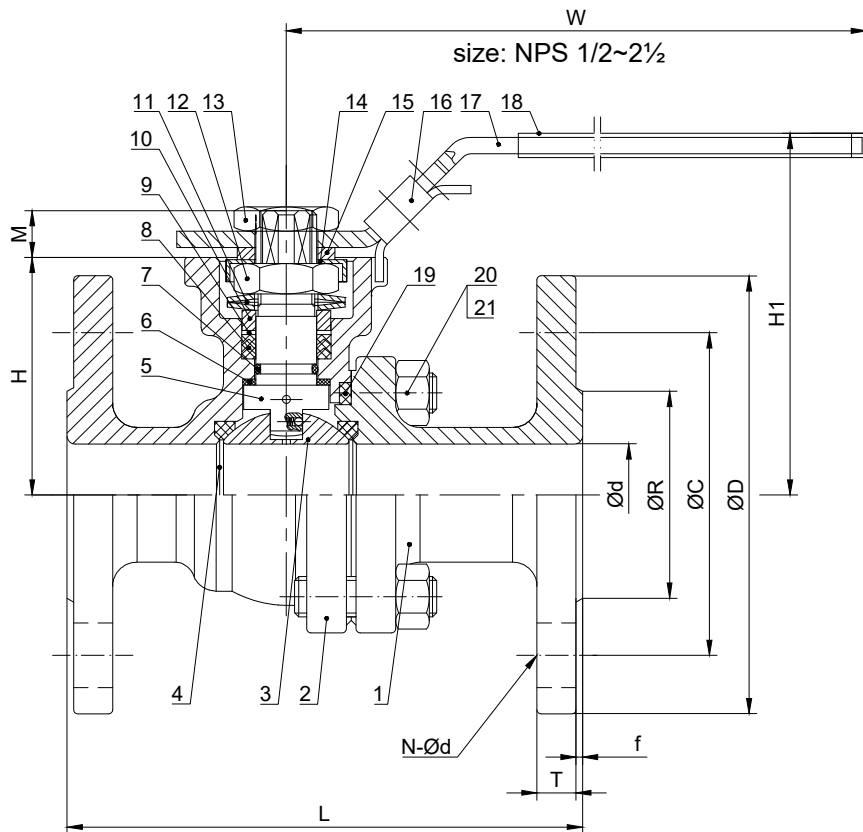




MAIN FEATURES

Design standard: ASME B16.34

Rating: Class 150

Fire safe design: API 607, ISO 10497

Fugitive emissions: ISO 15848-1

Face to face length: ASME B16.10

Flanges according to ASME B16.5 Class 150

Split body, Full bore, Floating ball, Anti-static device, Blow-out proof stem, lockable lever

Direct mounting pad: ISO 5211

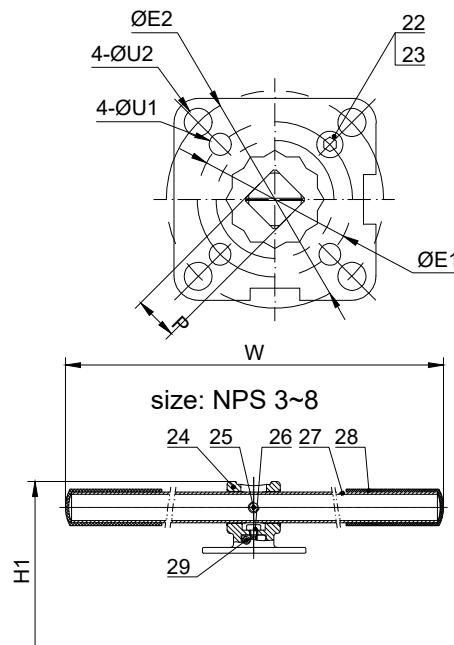
Marking: EN 19

Pressure test: API 598

Seat leakage: Rate A (full tightness)

NPS	d	L	R	D	C	T	f	N	h	H	H1	W	P	M	E1	E2	U1	U2	ISO5211
1/2	15	108	35	89	60,5	7,9	1,5	4	16	49	79	147	9	8	36	42	6	6	F03-F04
3/4	20	117	43	99	69,8	8,6	1,5	4	16	53	84	147	9	9	36	42	6	6	F03-F04
1	25	127	51	108	79,2	9,7	1,5	4	16	59	90	177	11	11	42	50	6	7	F04-F05
1 1/4	32	140	63,5	117	88,9	11,2	1,5	4	16	71	102	177	11	11	42	50	6	7	F04-F05
1 1/2	38	165	73,2	127	98,6	12,7	1,5	4	16	76	113	197	14	14	50	70	7	9	F05-F07
2	50	178	92	152	120,6	14,2	1,5	4	19	82	118	197	14	14	50	70	7	9	F05-F07
2 1/2	63,5	190	104,7	178	139,7	15,7	1,5	4	19	102	150	267	17	17	70	102	9	11	F07-F10
3	70	203	127	190	152,4	17,5	1,5	4	19	112	176	300	17	17	70	102	9	11	F07-F10
4	100	229	157	229	190,5	22,4	1,5	8	19	140	211	400	22	22		102		11	F10
5	125	356	186	254	215,9	22,4	1,5	8	22,3	183	263	600	27	27		125		14	F12
6	150	394	216	279	241,3	23,9	1,5	8	22,3	204	284	800	27	27		125		14	F12
8	200	457	270	343	298,4	26,9	1,5	8	22,3	253	352	800	36	36		140		18	F14

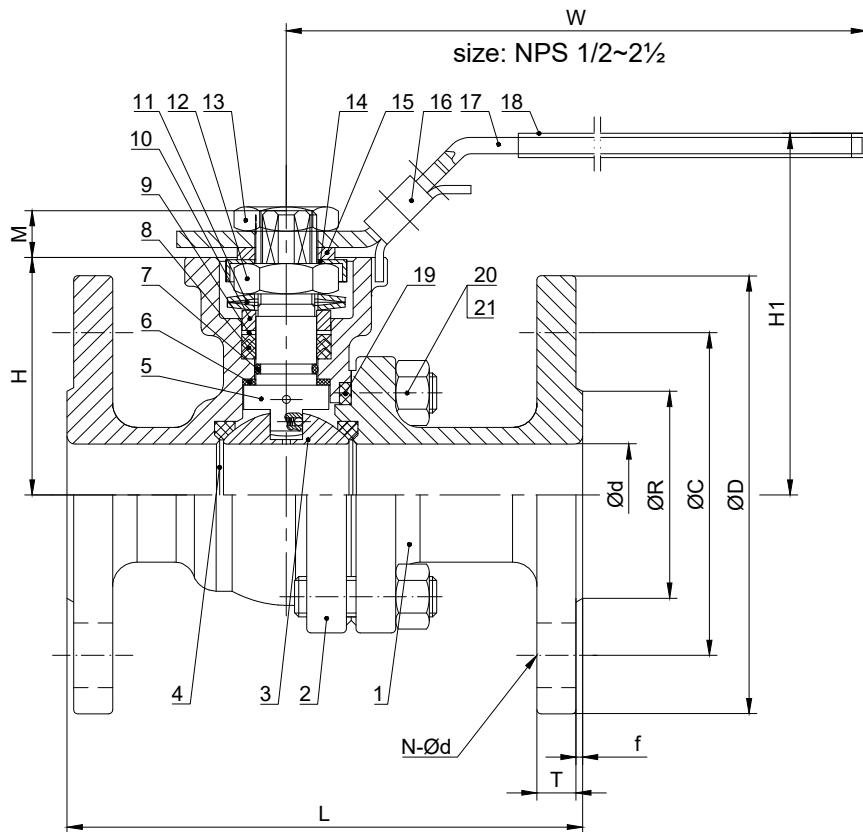
Dimensions in mm. subject to manufacturing tolerance
Dimensiones en mm. sujetas a tolerancias de fabricación



NO.	PART NAME	MATERIAL
1	End cap	ASTM A216 WCB
2	Body	ASTM A216 WCB
3	Ball	ASTM A182 F304 (NPS 1/2 to NPS 4) ASTM A351 CF8 (NPS 5 to NPS 8)
4	Ball seat	TFM1600
5	Stem (anti-static device)	ASTM A276 304 ASTM A276 32205 (NPS 6)
6	Thrust washer	TFM1600
7	O-ring	FKM
8	Packing	Graphite (API 622)
9	Bushing	304
10	Gland	316
11	Belleville washer	301
12	Stem nut	A194-8 (304)
13	Handle nut (NPS 1/2-2 1/2)	A194-8 (304)
14	Stop-lock-cap	304
15	Handle gland	304
16	Lock device (NPS 1/2-2 1/2)	304
17	Handle (NPS 1/2-2 1/2)	304
18	Handle sleeve (NPS 1/2-2 1/2)	VINYL PLASTIC
19	Body gasket	316 spiral wound + graphite
20	Bolting	A193-B8 CL1
21	Bolt nut	A194-8
22	Stop bolt	A2-70
23	Stop nut	A2-70
24	Handle adapter (NPS 3-8)	CF8
25	Set screw (NPS 3-8)	A2-70
26	Bolting (NPS 3-8)	A2-70
27	Pipe handle (NPS 3-8)	A53+ plated Zn
28	Handle sleeve (NPS 3-8)	VYNIL PLASTIC
29	Set screw (NPS 3-8)	A2-70

Data subject to alteration due to continuous improvement. Regularly updated data on www.comeval.es
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These values are / maybe constrained by the coating / paint system temperature limits applied onto the product.
Estos valores están/pueden estar limitados por el límite de temperatura del revestimiento/sistema de pintura aplicado al producto

Customer/Ciente	Project/Proyecto	 BALL VALVE SERIES BG CLASS 150 1/2"-8" WCB			
-	-				
Your Ref./Su Ref.	Our Ref./Nuestra Ref.				
-	229000988				
	Rev.250909				
Date/Fecha	09/09/2025				
Name/Nombre	aes40557				
		Drawn/Dibujado	Approved/Aprobado	Checked/Comprob.	Date/Fecha
		CR	JG	DT	20/03/2025
Drawing N°/Plano N° GDBG-A0D_I0C-0-0_F-0-A1_A3-0-015_200					



MAIN FEATURES

Design standard: ASME B16.34

Rating: Class 150

Fire safe design: API 607, ISO 10497

Fugitive emissions: ISO 15848-1

Face to face length: ASME B16.10

Flanges according to ASME B16.5 Class 150

Split body, Full bore, Floating ball, Anti-static device, Blow-out proof stem, lockable lever

Direct mounting pad: ISO 5211

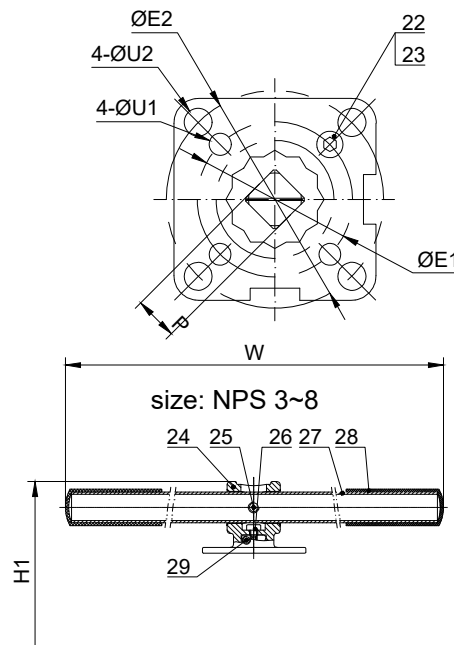
Marking: EN 19

Pressure test: API 598

Seat leakage: Rate A (full tightness)

NPS	d	L	R	D	C	T	f	N	h	H	H1	W	P	M	E1	E2	U1	U2	ISO5211
1/2	15	108	35	89	60,5	7,9	1,5	4	16	49	79	147	9	8	36	42	6	6	F03-F04
3/4	20	117	43	99	69,8	8,6	1,5	4	16	53	84	147	9	9	36	42	6	6	F03-F04
1	25	127	51	108	79,2	9,7	1,5	4	16	59	90	177	11	11	42	50	6	7	F04-F05
1¼	32	140	63,5	117	88,9	11,2	1,5	4	16	71	102	177	11	11	42	50	6	7	F04-F05
1½	38	165	73,2	127	98,6	12,7	1,5	4	16	76	113	197	14	14	50	70	7	9	F05-F07
2	50	178	92	152	120,6	14,2	1,5	4	19	82	118	197	14	14	50	70	7	9	F05-F07
2½	63,5	190	104,7	178	139,7	15,7	1,5	4	19	102	150	267	17	17	70	102	9	11	F07-F10
3	70	203	127	190	152,4	17,5	1,5	4	19	112	176	300	17	17	70	102	9	11	F07-F10
4	100	229	157	229	190,5	22,4	1,5	8	19	140	211	400	22	22		102		11	F10
5	125	356	186	254	215,9	22,4	1,5	8	22,3	183	263	600	27	27		125		14	F12
6	150	394	216	279	241,3	23,9	1,5	8	22,3	204	284	800	27	27		125		14	F12
8	200	457	270	343	298,4	26,9	1,5	8	22,3	253	352	800	36	36		140		18	F14

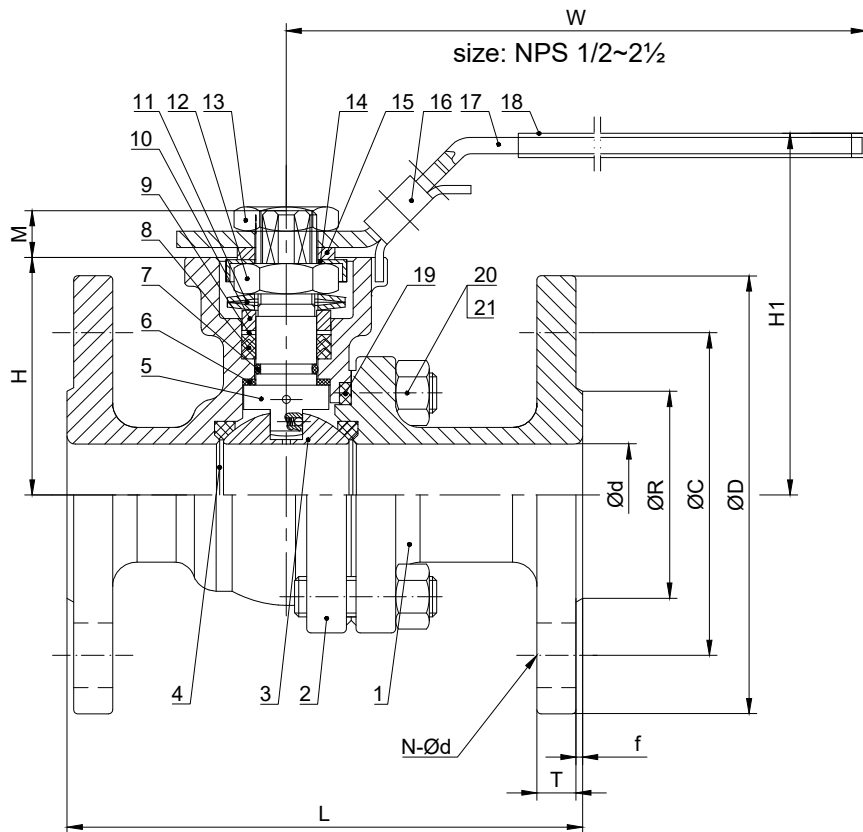
Dimensions in mm. subject to manufacturing tolerance
Dimensiones en mm. sujetas a tolerancias de fabricación



NO.	PART NAME	MATERIAL
1	End cap	ASTM A351 CF8M
2	Body	ASTM A351 CF8M
3	Ball	ASTM A182 F316 (NPS 1/2 to NPS 4) ASTM A351 CF8M (NPS 5 to NPS 8)
4	Ball seat	TFM1600
5	Stem (anti-static device)	ASTM A276 316 ASTM A276 32205 (NPS 6)
6	Thrust washer	TFM1600
7	O-ring	75A FKM
8	Packing	Graphite (API 622)
9	Bushing	304
10	Gland	316
11	Belleville washer	301
12	Stem nut	A194-8 (304)
13	Handle nut (NPS 1/2-2½)	A194-8 (304)
14	Stop-lock-cap	304
15	Handle gland	304
16	Lock device (NPS 1/2-2½)	304
17	Handle (NPS 1/2-2½)	304
18	Handle sleeve (NPS 1/2-2½)	VINYL PLASTIC
19	Body gasket	316 spiral wound + graphite
20	Bolting	A193-B8 CL1
21	Bolt nut	A194-8
22	Stop bolt	A2-70
23	Stop nut	A2-70
24	Handle adapter (NPS 3-8)	CF8
25	Set screw (NPS 3-8)	A2-70
26	Bolting (NPS 3-8)	A2-70
27	Pipe handle (NPS 3-8)	A53+ plated Zn
28	Handle sleeve (NPS 3-8)	VYNIL PLASTIC
29	Set screw (NPS 3-8)	A2-70

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These values are / maybe constrained by the coating / paint system temperature limits applied onto the product.
Estos valores están/pueden estar limitados por el límite de temperatura del revestimiento/sistema de pintura aplicado al producto

Customer/Cliente	Project/Proyecto	 BALL VALVE SERIES BG CLASS 150 1/2"-8" CF8M			
Your Ref./Su Ref.	Our Ref./Nuestra Ref.				
	Rev.250909				
Date/Fecha	09/09/2025				
Name/Nombre	aes40557				
		Drawn/Dibujado	Approved/Aprobado	Checked/Comprob.	Date/Fecha
		CR	JG	DT	20/03/2025
Drawing N°/Plano N° GDBG-A0D_I0C-0-0_F-0-A1_A3-0-015_200					



MAIN FEATURES

Design standard: ASME B16.34

Rating: Class 300

Fire safe design: API 607, ISO 10497

Fugitive emissions: ISO 15848-1

Face to face length: ASME B16.10

Flanges according to ASME B16.5 Class 300

Split body, Full bore, Floating ball, Anti-static device, Blow-out proof stem, lockable lever

Direct mounting pad: ISO 5211

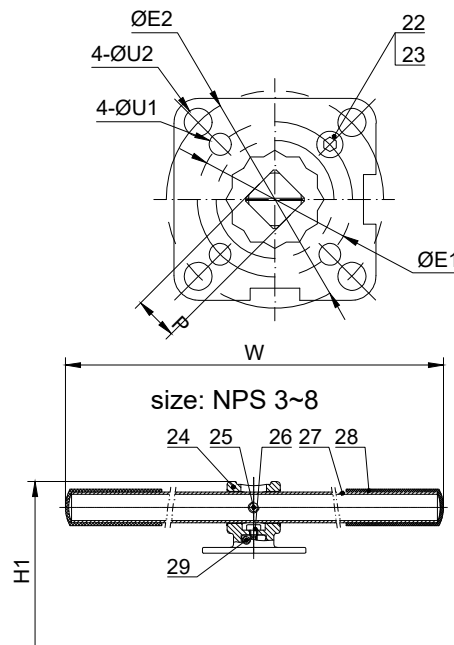
Marking: EN 19

Pressure test: API 598

Seat leakage: Rate A (full tightness)

NPS	d	L	R	D	C	T	f	N	h	H	H1	W	P	M	E1	E2	U1	U2	ISO5211
1/2	15	140	35	95	66.5	12.7	1.5	4	16	49	79	147	9	8	36	42	6	6	F03-F04
3/4	20	152	43	117	82.6	14.2	1.5	4	19	58.5	89	147	9	9	36	42	6	6	F03-F04
1	25	165	51	124	88.9	15.7	1.5	4	19	63.5	95	177	11	11	42	50	6	7	F04-F05
1¼	32	178	63.5	133	98.6	17.5	1.5	4	19	71	102	177	11	11	42	50	6	7	F04-F05
1½	38	190	73.2	155	114.3	19	1.5	4	22.3	80	113	197	14	14	50	70	7	9	F05-F07
2	50	216	92	165	127	20.6	1.5	8	19	85	118	197	14	14	50	70	7	9	F05-F07
2½	63.5	241	104.7	190	149.4	23.9	1.5	8	22.3	102	150	267	17	17	70	102	9	11	F07-F10
3	70	282	127	210	168.1	26.9	1.5	8	22.3	112	176	300	17	17	70	102	9	11	F07-F10
4	100	305	157	254	200.2	30.2	1.5	8	22.3	140	211	400	22	22		102		11	F10
5	125	381	186	279	235	33.3	1.5	8	22.3	183	263	600	27	27		125		14	F12
6	150	403	216	318	269.7	35.1	1.5	12	22.3	204	284	800	27	27		125		14	F12
8	200	502	270	381	330.2	39.6	1.5	12	25.4	253	352	800	36	36		140		18	F14

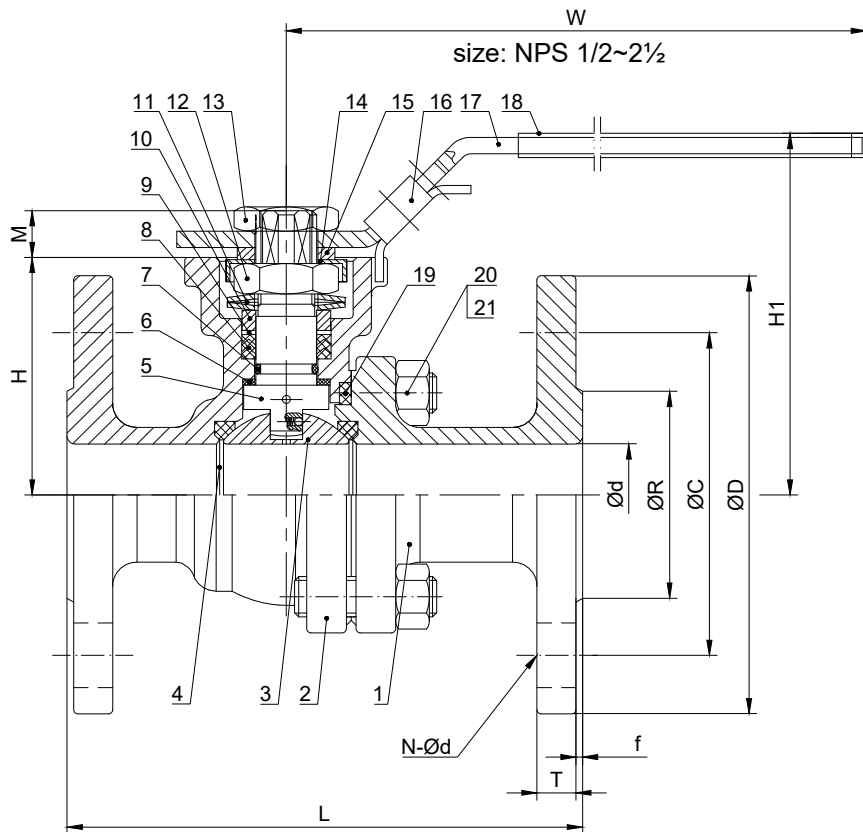
Dimensions in mm. subject to manufacturing tolerance
Dimensiones en mm. sujetas a tolerancias de fabricación



NO.	PART NAME	MATERIAL
1	End cap	ASTM A216 WCB
2	Body	ASTM A216 WCB
3	Ball	ASTM A182 F304 (NPS 1/2 to NPS 4) ASTM A351 CF8 (NPS 5 to NPS 8)
4	Ball seat	TFM1600
5	Stem (anti-static device)	ASTM A276 304 ASTM A276 32205 (NPS 6)
6	Thrust washer	TFM1600
7	O-ring	FKM
8	Packing	Graphite (API 622)
9	Bushing	304
10	Gland	316
11	Belleville washer	301
12	Stem nut	A194-8 (304)
13	Handle nut (NPS 1/2-2½)	A194-8 (304)
14	Stop-lock-cap	304
15	Handle gland	304
16	Lock device (NPS 1/2-2½)	304
17	Handle (NPS 1/2-2½)	304
18	Handle sleeve (NPS 1/2-2½)	VINYL PLASTIC
19	Body gasket	316 spiral wound + graphite
20	Bolting	A193-B8 CL1
21	Bolt nut	A194-8
22	Stop bolt	A2-70
23	Stop nut	A2-70
24	Handle adapter (NPS 3-8)	CF8
25	Set screw (NPS 3-8)	A2-70
26	Bolting (NPS 3-8)	A2-70
27	Pipe handle (NPS 3-8)	A53+ plated Zn
28	Handle sleeve (NPS 3-8)	VYNIL PLASTIC
29	Set screw (NPS 3-8)	A2-70

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These values are / maybe constrained by the coating / paint system temperature limits applied onto the product.
Estos valores están/pueden estar limitados por el límite de temperatura del revestimiento/sistema de pintura aplicado al producto

Customer/Ciente	Project/Proyecto	 BALL VALVE SERIES BG CLASS 300 1/2"-8" WCB			
-	-				
Your Ref./Su Ref.	Our Ref./Nuestra Ref.				
-	229000988				
	Rev.250909				
Date/Fecha	09/09/2025				
Name/Nombre	aes40557				
		Drawn/Dibujado	Approved/Aprobado	Checked/Comprob.	Date/Fecha
		CR	JG	DT	20/03/2025
Drawing N°/Plano N° GDBG-A0D_I0C-0-0_F-0-A1_A3-0-015_200					



MAIN FEATURES

Design standard: ASME B16.34

Rating: Class 300

Fire safe design: API 607, ISO 10497

Fugitive emissions: ISO 15848-1

Face to face length: ASME B16.10

Flanges according to ASME B16.5 Class 300

Split body, Full bore, Floating ball, Anti-static device, Blow-out proof stem, lockable lever

Direct mounting pad: ISO 5211

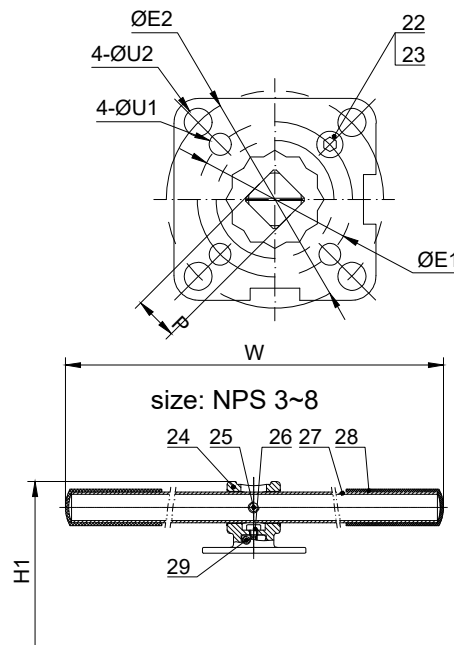
Marking: EN 19

Pressure test: API 598

Seat leakage: Rate A (full tightness)

NPS	d	L	R	D	C	T	f	N	h	H	H1	W	P	M	E1	E2	U1	U2	ISO5211
1/2	15	140	35	95	66.5	12.7	1.5	4	16	49	79	147	9	8	36	42	6	6	F03-F04
3/4	20	152	43	117	82.6	14.2	1.5	4	19	58.5	89	147	9	9	36	42	6	6	F03-F04
1	25	165	51	124	88.9	15.7	1.5	4	19	63.5	95	177	11	11	42	50	6	7	F04-F05
1 1/4	32	178	63.5	133	98.6	17.5	1.5	4	19	71	102	177	11	11	42	50	6	7	F04-F05
1 1/2	38	190	73.2	155	114.3	19	1.5	4	22.3	80	113	197	14	14	50	70	7	9	F05-F07
2	50	216	92	165	127	20.6	1.5	8	19	85	118	197	14	14	50	70	7	9	F05-F07
2 1/2	63.5	241	104.7	190	149.4	23.9	1.5	8	22.3	102	150	267	17	17	70	102	9	11	F07-F10
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4	100	305	157	254	200.2	30.2	1.5	8	22.3	140	211	400	22	22		102		11	F10
5	125	381	186	279	235	33.3	1.5	8	22.3	183	263	600	27	27		125		14	F12
6	150	403	216	318	269.7	35.1	1.5	12	22.3	204	284	800	27	27		125		14	F12
8	200	502	270	381	330.2	39.6	1.5	12	25.4	253	352	800	36	36		140		18	F14

Dimensions in mm. subject to manufacturing tolerance
Dimensiones en mm. sujetas a tolerancias de fabricación



NO.	PART NAME	MATERIAL
1	End cap	ASTM A351 CF8M
2	Body	ASTM A351 CF8M
3	Ball	ASTM A182 F316 (NPS 1/2 to NPS 4) ASTM A351 CF8M (NPS 5 to NPS 8)
4	Ball seat	TFM1600
5	Stem (anti-static device)	ASTM A276 316 ASTM A276 32205 (NPS 6)
6	Thrust washer	TFM1600
7	O-ring	75A FKM
8	Packing	Graphite (API 622)
9	Bushing	304
10	Gland	316
11	Belleville washer	301
12	Stem nut	A194-8 (304)
13	Handle nut (NPS 1/2-2 1/2)	A194-8 (304)
14	Stop-lock-cap	304
15	Handle gland	304
16	Lock device (NPS 1/2-2 1/2)	304
17	Handle (NPS 1/2-2 1/2)	304
18	Handle sleeve (NPS 1/2-2 1/2)	VINYL PLASTIC
19	Body gasket	316 spiral wound + graphite
20	Bolting	A193-B8 CL1
21	Bolt nut	A194-8
22	Stop bolt	A2-70
23	Stop nut	A2-70
24	Handle adapter (NPS 3-8)	CF8
25	Set screw (NPS 3-8)	A2-70
26	Bolting (NPS 3-8)	A2-70
27	Pipe handle (NPS 3-8)	A53+ plated Zn
28	Handle sleeve (NPS 3-8)	VYNIL PLASTIC
29	Set screw (NPS 3-8)	A2-70

Data subject to alteration due to continuous improvement. Regularly updated data on www.comeval.es
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Customer/Ciente	Project/Proyecto	 BALL VALVE SERIES BG CLASS 300 1/2"-8" CF8M			
Your Ref./Su Ref.	Our Ref./Nuestra Ref.				
	Rev.250909				
Date/Fecha	09/09/2025				
Name/Nombre	aes40557				
		Drawn/Dibujado	Approved/Aprobado	Checked/Comprob.	Date/Fecha
		CR	JG	DT	20/03/2025
		Drawing N°/Plano N° GDBG-A0D_I0C-0-0_F-0-A1_A3-0-015_200			