

**MAIN FEATURES/PRINCIPALES ATRIBUTOS**

- Design/ Diseño: EN 1984-2010
- Nominal Pressure: PN16
- Valve length/ Longitud: DIN 3202 F5
- Valve end connections/Extremos: Flanged to/ Bridas según EN 1092-1 Type 21
- Inspections & tests / Inspecciones y pruebas: EN12266-1/2
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio

**PRODUCT COMPLIANT WITH PRESSURE EQUIPMENT DIRECTIVE PED, MAX. CATEGORY I / PRODUCTO CONFORME A LA DIRECTIVA DE EQUIPOS A PRESIÓN PED, MÁX. CATEGORÍA I**

**BW**  
Thrust ball bearings used for DN250 and above

Two pieces bonnet used for DN150 and above

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Customer/Cliente -	Project/Proyecto -	Description/Descripción			
Your Ref./Su Ref. -	Our Ref./Nuestra Ref. -	<b>GATE VALVE PN16</b>			
Rev.210121					
Date/Fecha 21/01/2021	Name/Nombre aes40557	Drawn/Dibujado <b>CR</b>	Approved/Aprobado <b>JG</b>	Checked/Comprob. <b>DT</b>	Date/Fecha <b>02/12/2014</b>
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700			

No.	Part/Parte	Material	No.	Part/Parte	Material
1	Body	1.0619+N+HF	16	Grease Injector	Brass
3	Wedge	1.0619+N+HF	17	Stem Nut	A439 D2
4	Stem	A182 F6a	18	Retaining Nut	Carbon Steel
5	Gasket	St. Steel 304 + Graphite	19	Handwheel	ASTM A536
6	Bolt	A193 B7	20	Handwheel Nut	Carbon Steel
7	Nut	A194 2H	21	Bearings	Alloy Steel
8	Bonnet	1.0619+N	22	Yoke	1.0619+N
10	Packing	Flexible Graphite	23	Yoke Bolt	A193 B7
12	Gland	1.0619+N	24	Yoke Nut	A194 2H
13	Pin	Carbon Steel	26	Gear	Assembly
14	Gland Eyebolt	A193 B7	27	Screw	Carbon Steel
15	Nut	A194 2H			



Pressure-Temp. Rating		EN1092-1
Shell test pressure	2.4	MPa
High pressure seal test	1.76	
Backseat test pressure	1.76	
Air test pressure	0.6	
Applicable temperature		-29~450°C
Applicable medium		Water,steam,oil,etc
Pmax:16 bar	Tmax:450°C	Tmin:-29°C

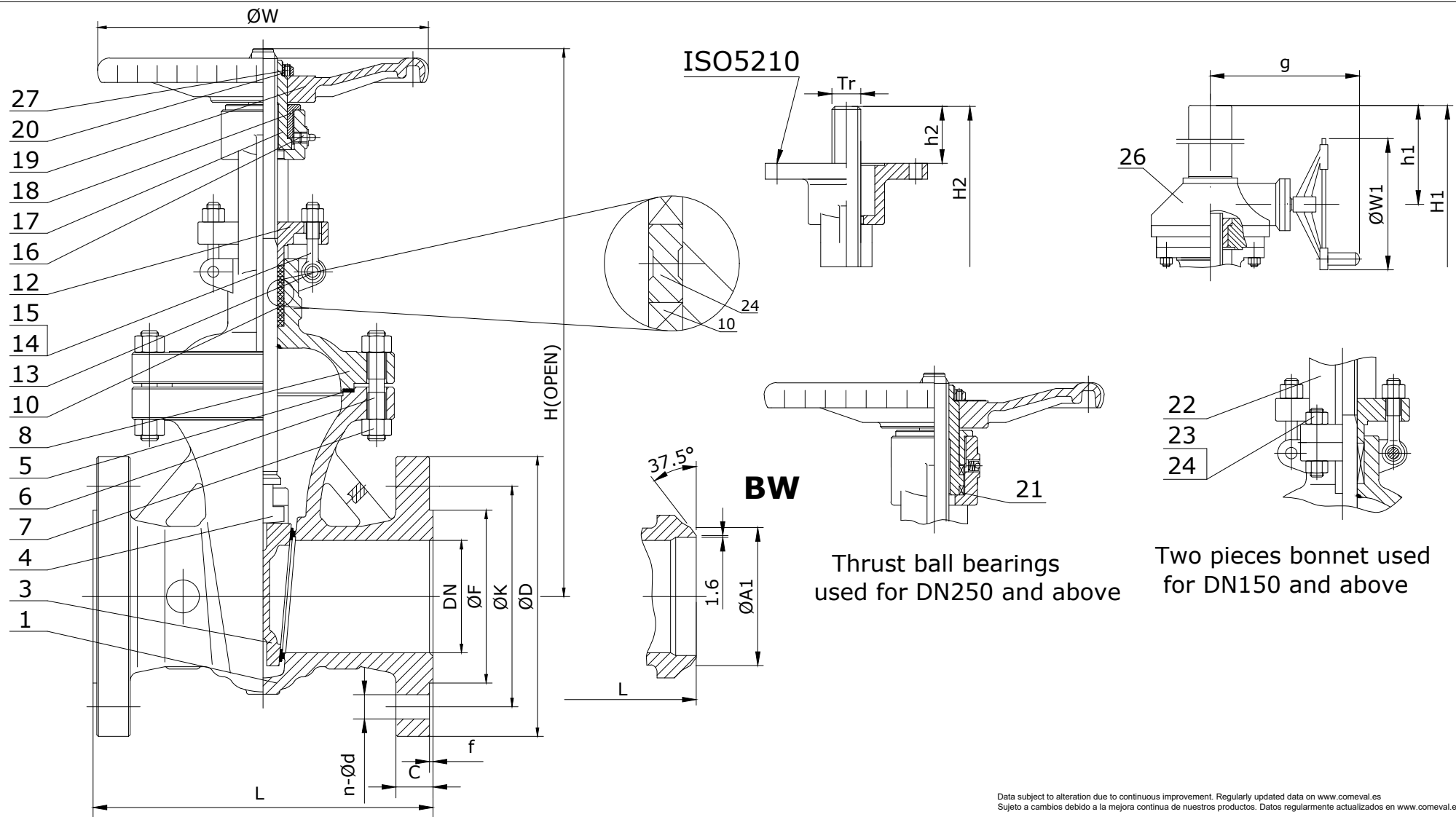
Size	End connection										Top works/Operation															
	RF					BW					Handwheel			Gear with handwheel				With ISO 5210 mounting pad								
	L (F5)	L (F4)	ØB	ØD	ØK	ØF	C	f	n-Ød	L	ØA1	H (open)	H (close)	ØW	H1	h1	g	ØW1	H2 (open)	H2 (close)	h2	ISO	Tr	Stroke	No. Of turns	Torque (Nm)
050	250	150	50	165	125	102	18	3	4-18	250	62	393	340	200	-	-	-	-	405	340	45	F07	Tr20x4LH	65	17	32
065	270	170	65	185	145	122	18	3	8-18	270	77	430	360	200	-	-	-	-	460	380	45	F07	Tr22x5LH	80	16	35
080	280	180	80	200	160	138	20	3	8-18	280	91	500	415	220	-	-	-	-	516	425	60	F10	Tr24x5LH	91	19	42
100	300	190	100	220	180	158	20	3	8-18	300	117	580	475	250	-	-	-	-	611	498	60	F10	Tr26x5LH	113	23	77
125	325	200	125	250	210	188	22	3	8-18	325	144	655	525	280	-	-	-	-	658	520	60	F10	Tr28x5LH	138	28	88
150	350	210	150	285	240	212	22	3	8-22	350	172	750	590	300	-	-	-	-	765	607	60	F10	Tr30x6LH	158	27	98
200	400	230	200	340	295	268	24	3	12-22	400	223	950	740	350	-	-	-	-	970	755	80	F14	Tr32x6LH	215	36	172
250	450	250	250	405	355	320	26	3	12-26	450	278	1180	920	400	1180	335	262	310	1114	860	80	F14	Tr36x6LH	254	43	227
300	500	270	300	460	410	378	28	4	12-26	500	329	1335	1025	450	1320	385	262	310	1353	1045	80	F14	Tr38x6LH	308	52	298
350	550	290	350	520	470	438	30	4	16-26	550	362	1535	1175	500	1523	443	340	460	1465	1125	100	F16	Tr42x8LH	340	43	410
400	600	310	400	580	525	490	32	4	16-30	600	413	1670	1260	500	1770	493	340	460	1741	1335	100	F16	Tr46x8LH	406	51	550
450	650	330	450	640	585	550	40	4	20-30	650	464	1620	1420	600	1640	525	340	460	-	-	120	F25	Tr50x8LH	-	-	650
500	700	350	500	715	650	610	44	4	20-33	700	516	2135	1620	600	2189	598	340	460	2132	1625	120	F25	Tr50x8LH	507	64	864
600	800	390	600	840	770	725	54	5	20-36	800	619	2325	1825	700	2410	630	413	530	2550	1940	140	F30	Tr55x8LH	610	77	1528
700	900	430	700	910	840	795	(a)	5	24-36	900	721	-	-	-	2865	788	413	530	-	-	180	F35	Tr65x10LH	-	-	2105

(a) To be determined / A determinar

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

Data subject to alteration due to continuous improvement. Regularly updated data on www.comeval.es  
Sujeto a cambios debido a la mejora continua de nuestros productos. Datos regularmente actualizados en www.comeval.es

Customer/Cliente	-	Project/Proyecto	-	 <b>GATE VALVE PN16</b>	
Your Ref./Su Ref.	-	Our Ref./Nuestra Ref.	-		
		Rev.210215			
Date/Fecha	15/02/2021				
Name/Nombre	aes40557				
		Drawn/Dibujado	Approved/Aprobado	Checked/Comprob.	Date/Fecha
		CR	JG	DT	02/12/2014
Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700					



**MAIN FEATURES/PRINCIPALES ATRIBUTOS**

- Design/ Diseño: EN 1984-2010
- Nominal Pressure: PN25
- Valve length/ Longitud: DIN 3202 F5
- Valve end connections/Extremos: Flanged to/ Bridas según EN 1092-1 Type 21
- Inspections & tests / Inspecciones y pruebas: EN12266-1/2
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio

**PRODUCT COMPLIANT WITH PRESSURE EQUIPMENT DIRECTIVE PED, MAX. CATEGORY I / PRODUCTO CONFORME A LA DIRECTIVA DE EQUIPOS A PRESIÓN PED, MÁX. CATEGORÍA I**

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Customer/Cliente -	Project/Proyecto -	Description/Descripción			
Your Ref./Su Ref. -	Our Ref./Nuestra Ref. -		<b>GATE VALVE PN25</b>		
Rev.210121					
Date/Fecha 21/01/2021	Name/Nombre aes40557				
		Drawn/Dibujado <b>CR</b>	Approved/Aprobado <b>JG</b>	Checked/Comprob. <b>DT</b>	Date/Fecha <b>02/12/2014</b>
Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700					

No.	Part/Parte	Material	No.	Part/Parte	Material
1	Body	1.0619+N+HF	16	Grease Injector	Brass
3	Wedge	1.0619+N+HF	17	Stem Nut	A439 D2
4	Stem	A182 F6a	18	Retaining Nut	Carbon Steel
5	Gasket	St. Steel 304 + Graphite	19	Handwheel	ASTM A536
6	Bolt	A193 B7	20	Handwheel Nut	Carbon Steel
7	Nut	A194 2H	21	Bearings	Alloy Steel
8	Bonnet	1.0619+N	22	Yoke	1.0619+N
10	Packing	Flexible Graphite	23	Yoke Bolt	A193 B7
12	Gland	1.0619+N	24	Yoke Nut	A194 2H
13	Pin	Carbon Steel	26	Gear	Assembly
14	Gland Eyebolt	A193 B7	27	Screw	Carbon Steel
15	Nut	A194 2H			



Pressure-Temp. Rating	EN1092-1	
Shell test pressure	3.75	MPa
High pressure seal test	2.75	
Backseat test pressure	2.75	
Air test pressure	0.6	
Applicable temperature	-29~450°C	
Applicable medium	Water,steam,oil,etc	
Pmax:25 bar	Tmax:450°C	Tmin:-29°C

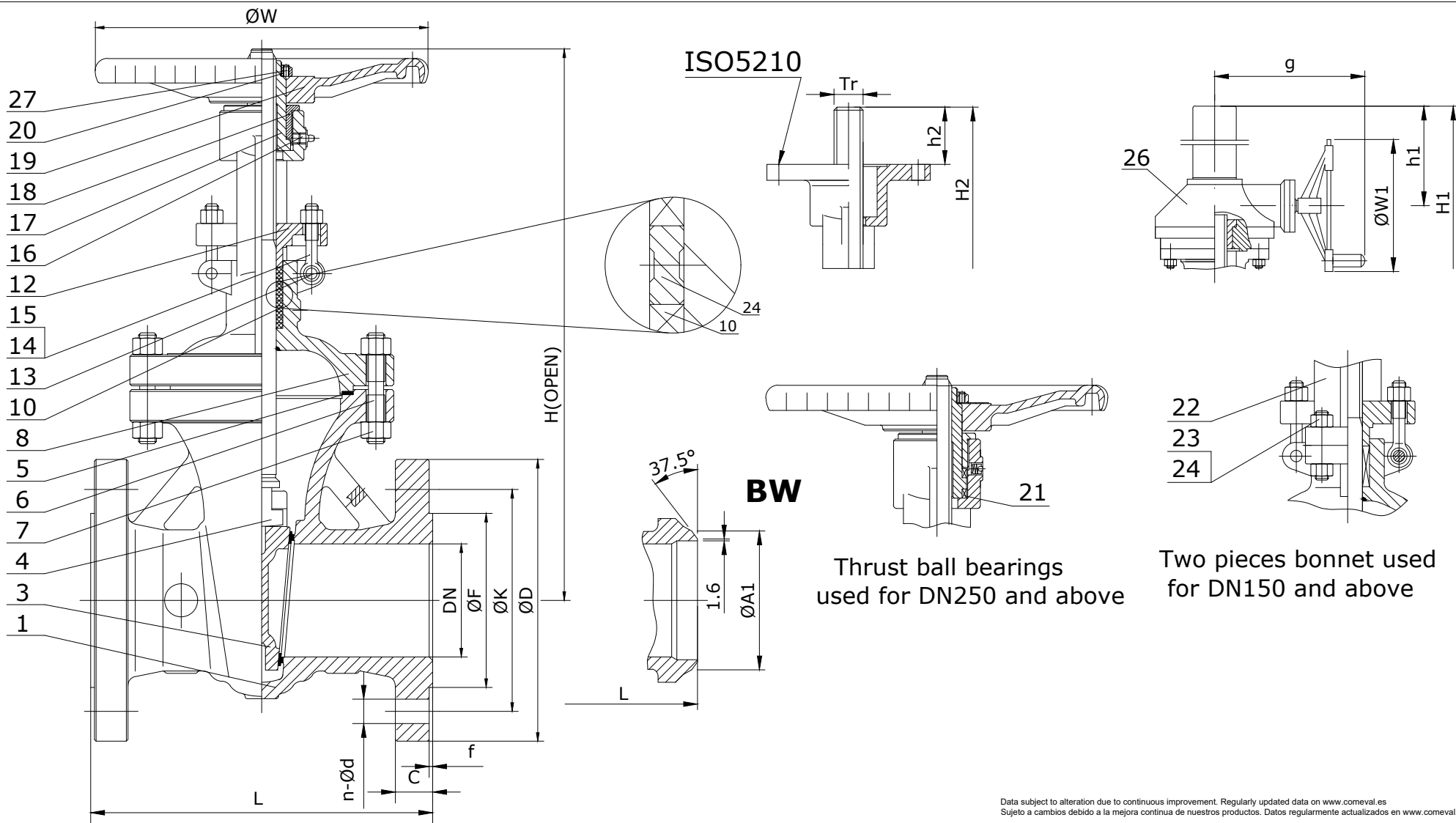
Size	End connection								Top works/Operation																
	RF							BW																	
	L (F5)	ØB	ØD	ØK	ØF	C	f	n-Ød	L	ØA1	H (open)	H (close)	ØW	H1	h1	g	ØW1	H2 (open)	H2 (close)	h2	ISO	Tr	Stroke	No. Of turns	Torque (Nm)
050	250	50	165	125	102	20	3	4-18	250	62	393	340	200	-	-	-	-	405	340	45	F07	Tr20x4LH	65	17	32
065	270	65	185	145	122	22	3	8-18	270	77	430	360	200	-	-	-	-	460	380	45	F07	Tr22x5LH	80	16	35
080	280	80	200	160	138	24	3	8-18	280	91	500	415	220	-	-	-	-	516	425	60	F10	Tr24x5LH	91	19	42
100	300	100	235	190	162	24	3	8-22	300	117	580	475	250	-	-	-	-	611	498	60	F10	Tr26x5LH	113	23	77
125	325	125	270	220	188	26	3	8-26	325	144	655	525	280	-	-	-	-	658	520	60	F10	Tr28x5LH	138	28	88
150	350	150	300	250	218	28	3	8-26	350	172	750	590	300	-	-	-	-	765	607	60	F10	Tr30x6LH	158	27	98
200	400	200	360	310	278	30	3	12-26	400	223	950	740	350	-	-	-	-	970	755	80	F14	Tr32x6LH	215	36	172
250	450	250	425	370	335	32	3	12-30	450	278	1180	920	400	1180	335	262	310	1114	860	80	F14	Tr36x6LH	254	43	227
300	500	300	485	430	395	34	4	16-30	500	329	1335	1025	450	1320	385	262	310	1353	1045	80	F14	Tr38x6LH	308	52	298
350	550	350	555	490	450	38	4	16-33	550	362	1535	1175	500	1523	443	340	460	1465	1125	100	F16	Tr42x8LH	340	43	410
400	600	400	620	550	505	40	4	16-36	600	413	1670	1260	500	1770	493	340	460	1741	1335	100	F16	Tr46x8LH	406	51	550
450	650	450	670	600	555	46	4	20-36	650	464	1620	1420	600	1640	525	340	460	-	-	120	F25	Tr50x8LH	-	-	650
500	700	500	730	660	615	48	4	20-36	700	516	2135	1620	600	2189	598	340	460	2132	1625	120	F25	Tr50x8LH	507	64	864
600	800	600	845	770	720	58	5	20-39	800	619	2325	1825	700	2410	630	413	530	2550	1940	140	F30	Tr55x8LH	610	77	1528
700	900	700	960	875	820	(a)	5	24-42	900	721	-	-	-	2865	788	413	530	-	-	180	F35	Tr65x10LH	-	-	2105

(a) To be determined / A determinar

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


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Customer/Cliente	-	Project/Proyecto	-	 <b>GATE VALVE PN25</b>					
Your Ref./Su Ref.	-	Our Ref./Nuestra Ref.	-						
		Rev.210215							
Date/Fecha		15/02/2021							
Name/Nombre		aes40557							
		Drawn/Dibujado	CR	Approved/Aprobado	JG	Checked/Comprob.	DT	Date/Fecha	02/12/2014
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700							





**MAIN FEATURES/PRINCIPALES ATRIBUTOS**

- Design/ Diseño: EN 1984-2010
- Nominal Pressure: PN40
- Valve length/ Longitud: DIN 3202 F7
- Valve end connections/Extremos: Flanged to/ Bridas según EN 1092-1 Type 21
- Inspections & tests / Inspecciones y pruebas: EN12266-1/2
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio


**PRODUCT COMPLIANT WITH PRESSURE EQUIPMENT DIRECTIVE PED, MAX. CATEGORY I / PRODUCTO CONFORME A LA DIRECTIVA DE EQUIPOS A PRESIÓN PED, MÁX. CATEGORÍA I**

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Customer/Cliente -	Project/Proyecto -	Description/Descripción		
Your Ref./Su Ref. -	Our Ref./Nuestra Ref. -	 <b>GATE VALVE PN40</b>		
	Rev.210121			
Date/Fecha	21/01/2021			
Name/Nombre	aes40557			
		Drawn/Dibujado <b>CR</b>	Approved/Aprobado <b>JG</b>	Checked/Comprob. <b>DT</b>
		Date/Fecha <b>02/12/2014</b>		
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700		

No.	Part/Parte	Material	No.	Part/Parte	Material
1	Body	1.0619+N+HF	16	Grease Injector	Brass
3	Wedge	1.0619+N+HF	17	Stem Nut	A439 D2
4	Stem	A182 F6a	18	Retaining Nut	Carbon Steel
5	Gasket	St. Steel 304 + Graphite	19	Handwheel	ASTM A536
6	Bolt	A193 B7	20	Handwheel Nut	Carbon Steel
7	Nut	A194 2H	21	Bearings	Alloy Steel
8	Bonnet	1.0619+N	22	Yoke	1.0619+N
10	Packing	Flexible Graphite	23	Yoke Bolt	A193 B7
12	Gland	1.0619+N	24	Yoke Nut	A194 2H
13	Pin	Carbon Steel	26	Gear	Assembly
14	Gland Eyebolt	A193 B7	27	Screw	Carbon Steel
15	Nut	A194 2H			



Pressure-Temp. Rating	EN1092-1	
Shell test pressure	6.0	MPa
High pressure seal test	4.4	
Backseat test pressure	4.4	
Air test pressure	0.6	
Applicable temperature	-29~450°C	
Applicable medium	Water, steam, oil, etc	
Pmax:40 bar	Tmax:450°C	Tmin:-29°C

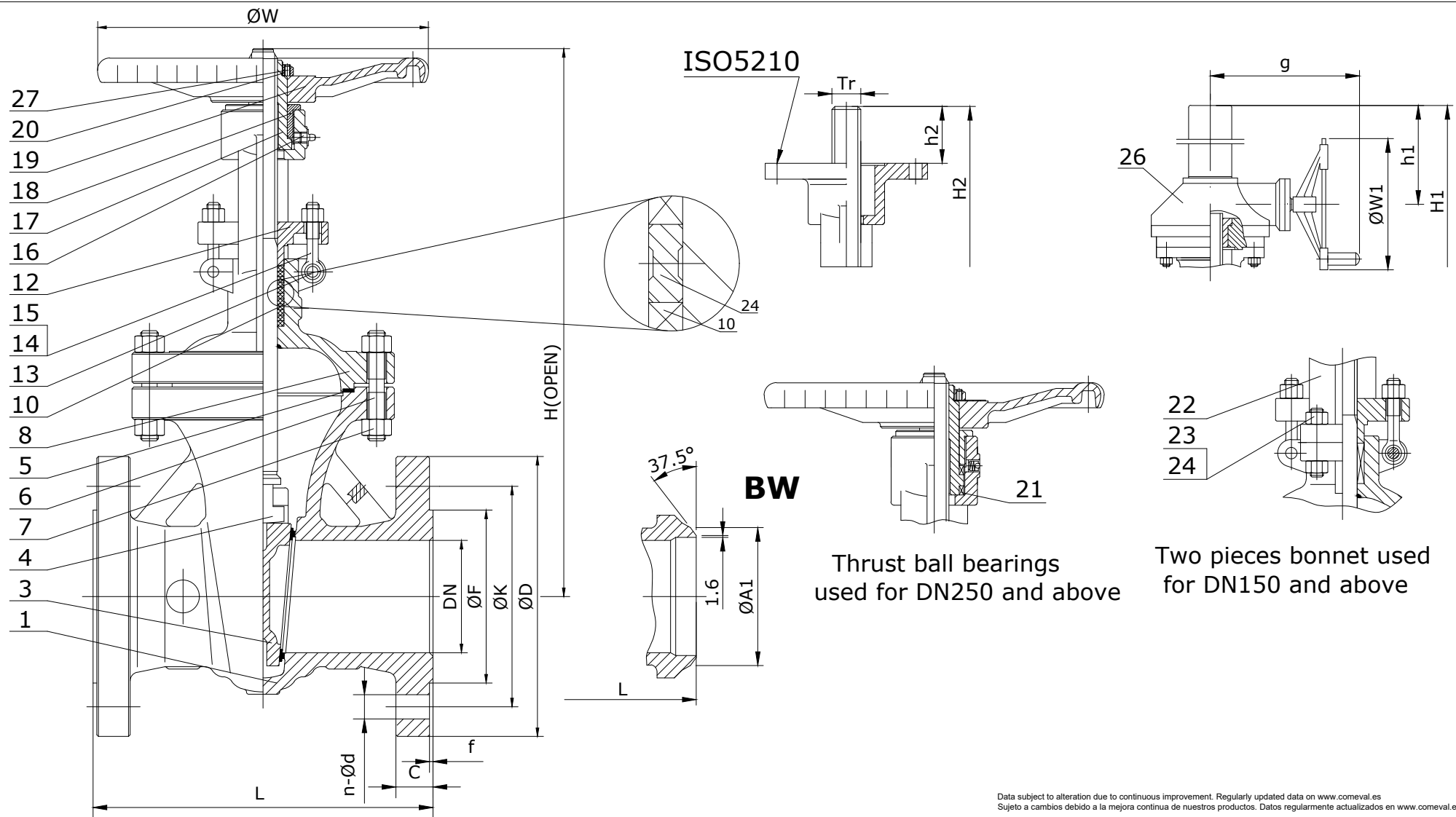
Size	End connection								Top works/Operation																
	RF								BW		Handwheel			Gear with handwheel				With ISO 5210 mounting pad							
	L (F7)	ØB	ØD	ØK	ØF	C	f	n-Ød	L	ØA1	H (open)	H (close)	ØW	H1	h1	g	ØW1	H2 (open)	H2 (close)	h2	ISO	Tr	Stroke	No. Of turns	Torque (Nm)
050	250	50	165	125	102	20	3	4-18	250	62	405	350	200	-	-	-	-	405	340	60	F10	Tr20x4LH	65	17	47
065	290	65	185	145	122	22	3	8-18	290	77	430	360	200	-	-	-	-	460	380	60	F10	Tr22x5LH	80	16	53
080	310	80	200	160	138	24	3	8-18	310	91	500	415	220	-	-	-	-	516	425	60	F10	Tr24x5LH	91	19	61
100	350	100	235	190	162	24	3	8-22	350	117	575	470	250	-	-	-	-	611	498	80	F14	Tr26x5LH	113	23	121
125	400	125	270	220	188	26	3	8-26	400	144	640	510	280	-	-	-	-	658	520	80	F14	Tr28x5LH	138	28	182
150	450	150	300	250	218	28	3	8-26	450	172	745	585	300	-	-	-	-	765	607	80	F14	Tr30x6LH	158	27	205
200	550	200	375	320	285	34	3	12-30	550	223	1000	790	400	-	-	-	-	998	788	80	F14	Tr36x6LH	210	35	342
250	650	250	450	385	345	38	3	12-33	650	278	1278	1006	450	1274	355	340	460	1161	900	100	F16	Tr38x6LH	261	44	579
300	750	300	515	450	410	42	4	16-33	750	329	1510	1201	500	1620	392	340	460	1365	1050	120	F25	Tr42x8LH	315	40	786
350	850	350	580	510	465	46	4	16-36	850	362	1670	1308	550	1791	445	340	460	1541	1185	120	F25	Tr46x8LH	356	45	1139
400	950	400	660	585	535	50	4	16-39	950	413	1898	1483	600	2092	498	340	460	1801	1395	140	F30	Tr48x8LH	406	51	1448
450	1050	450	685	610	560	57	4	20-39	1050	464	-	-	-	2192	570	413	530	-	-	140	F30	Tr52x8LH	-	-	1945
500	1150	500	755	670	615	57	4	20-42	1150	516	-	-	-	2257	632	413	530	2315	1768	140	F30	Tr52x8LH	547	69	2483
600	1350	600	890	795	735	72	5	20-48	1350	619	-	-	-	2724	730	413	530	2762	2140	180	F35	Tr60x8LH	622	78	3910

(a) To be determined / A determinar

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


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Customer/Cliente	-	Project/Proyecto	-	 <b>GATE VALVE PN40</b>			
Your Ref./Su Ref.	-	Our Ref./Nuestra Ref.	-				
		Rev.210215					
Date/Fecha		15/02/2021					
Name/Nombre		aes40557					
		Drawn/Dibujado	Approved/Aprobado	Checked/Comprob.	Date/Fecha		
		CR	JG	DT	02/12/2014		
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700					





**MAIN FEATURES/PRINCIPALES ATRIBUTOS**

- Design/ Diseño: EN 1984-2010
- Nominal Pressure: PN63
- Valve length/ Longitud: DIN 3202 F7
- Valve end connections/Extremos: Flanged to/ Bridas según EN 1092-1 Type 21
- Inspections & tests / Inspecciones y pruebas: EN12266-1/2
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio


**PRODUCT COMPLIANT WITH PRESSURE EQUIPMENT DIRECTIVE PED, MAX. CATEGORY I / PRODUCTO CONFORME A LA DIRECTIVA DE EQUIPOS A PRESIÓN PED, MÁX. CATEGORÍA I**

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Customer/Cliente -	Project/Proyecto -	Description/Descripción			
Your Ref./Su Ref. -	Our Ref./Nuestra Ref. -	 <b>GATE VALVE PN63</b>			
			Rev.210121		
Date/Fecha	21/01/2021				
Name/Nombre	aes40557				
		Drawn/Dibujado <b>CR</b>	Approved/Aprobado <b>JG</b>	Checked/Comprob. <b>DT</b>	Date/Fecha <b>02/12/2014</b>
Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700					

No.	Part/Parte	Material	No.	Part/Parte	Material
1	Body	1.0619+N+HF	16	Greese Injector	Brass
3	Wedge	1.0619+N+HF	17	Stem Nut	A439 D2
4	Stem	A182 F6a	18	Retaining Nut	Carbon Steel
5	Gasket	St. Steel 304 + Graphite	19	Handwheel	ASTM A536
6	Bolt	A193 B7	20	Handwheel Nut	Carbon Steel
7	Nut	A194 2H	21	Bearings	Alloy Steel
8	Bonnet	1.0619+N	22	Yoke	1.0619+N
10	Packing	Flexible Graphite	23	Yoke Bolt	A193 B7
12	Gland	1.0619+N	24	Yoke Nut	A194 2H
13	Pin	Carbon Steel	26	Gear	Assembly
14	Gland Eyebolt	A193 B7	27	Screw	Carbon Steel
15	Nut	A194 2H			



Pressure-Temp. Rating	EN1092-1	
Shell test pressure	9.45	MPa
High pressure seal test	6.93	
Backseat test pressure	6.93	
Air test pressure	0.6	
Applicable temperature	-29~450°C	
Applicable medium	Water, steam, oil, etc	
Pmax:63 bar	Tmax:450°C	Tmin:-29°C

Size	End connection								Top works/Operation																
	RF								BW		Handwheel			Gear with handwheel				With ISO 5210 mounting pad							
	L (F7)	ØB	ØD	ØK	ØF	C	f	n-Ød	L	ØA1	H (open)	H (close)	ØW	H1	h1	g	ØW1	H2 (open)	H2 (close)	h2	ISO	Tr	Stroke	No. Of turns	Torque (Nm)
050	250	50	180	135	102	26	3	4-22	250	62	426	371	200	-	-	-	-	426	371	60	F10	Tr20x4-LH	55	14	(1)
065	290	65	205	160	122	26	3	8-22	290	77	463	393	200	-	-	-	-	463	393	60	F10	Tr22x5-LH	70	14	(1)
080	310	80	215	170	138	28	3	8-22	310	91	530	442	220	-	-	-	-	545	460	60	F10	Tr24x5-LH	85	17	(1)
100	350	100	250	200	162	30	3	8-26	350	117	611	496	250	-	-	-	-	622	507	80	F12	Tr26x5-LH	115	23	(1)
125	400	125	295	240	188	34	3	8-30	400	144	725	588	350	-	-	-	-	725	588	80	F12	Tr32x6-LH	137	23	(1)
150	450	150	345	280	218	36	3	8-33	450	172	833	668	350	-	-	-	-	833	668	100	F14	Tr32x6-LH	165	28	(1)
200	550	200	415	345	285	42	3	12-36	550	223	1038	823	450	-	-	-	-	1035	820	110	F16	Tr38x6-LH	215	36	(1)
250	650	250	470	400	345	46	3	12-36	650	278	-	-	-	1765	348	340	460	1750	1490	120	F25	Tr42x8-LH	260	33	(1)
300	750	300	530	460	410	52	4	16-36	750	329	-	-	-	2135	398	340	460	2125	1810	120	F25	Tr46x8-LH	315	40	(1)
350	850	350	600	525	465	56	4	16-39	850	362	-	-	-	2575	448	340	460	2562	2197	140	F30	Tr52x8-LH	365	46	(1)
400	950	400	670	585	535	60	4	16-42	950	413	-	-	-	2838	523	413	530	2810	2395	140	F30	Tr55x8-LH	415	52	(1)

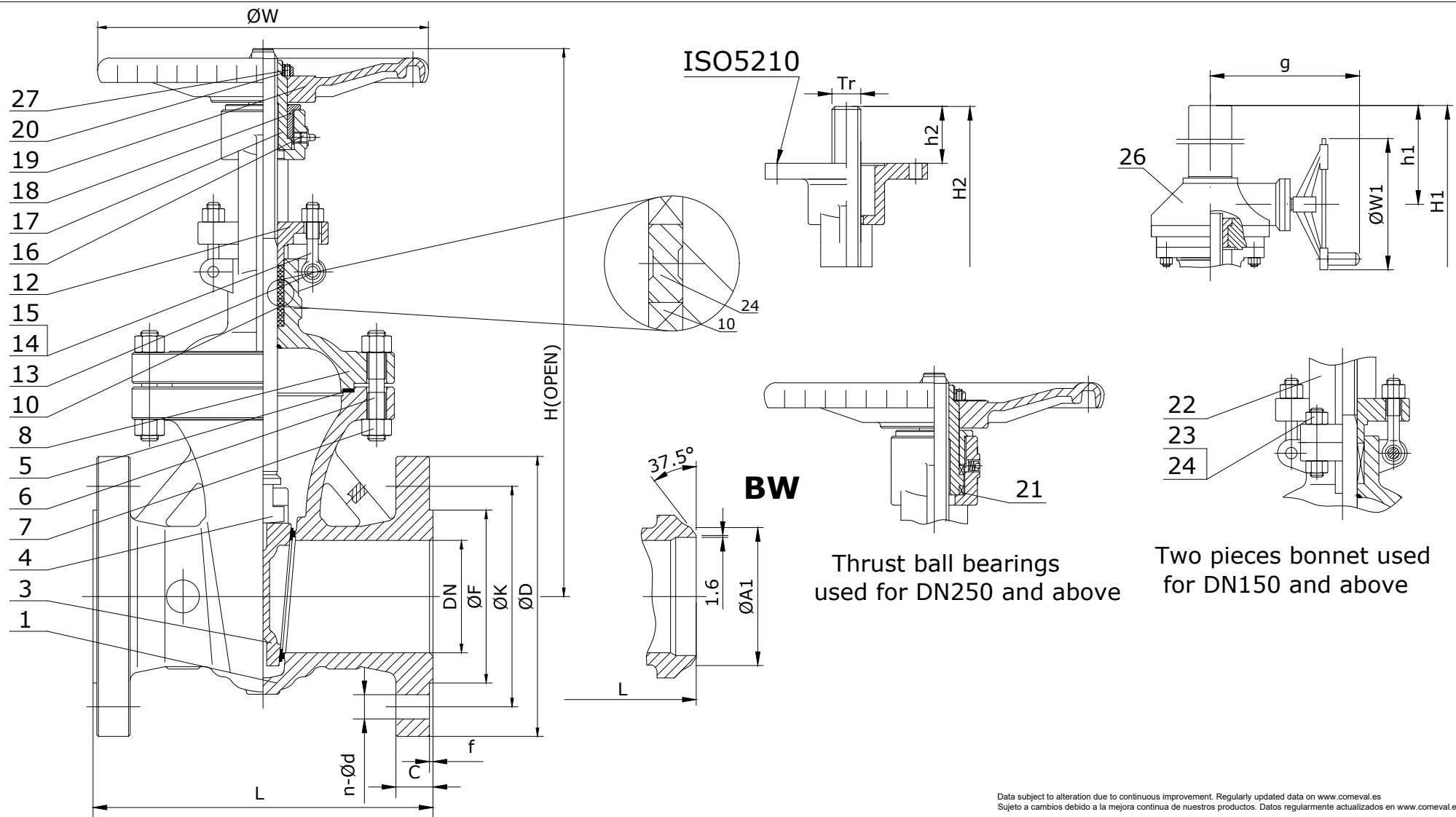
(1) Under request / Bajo petición

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

Data subject to alteration due to continuous improvement. Regularly updated data on www.comeval.es  
Sujeto a cambios debido a la mejora continua de nuestros productos. Datos regularmente actualizados en www.comeval.es

Customer/Cliente -	Project/Proyecto -	 <b>GATE VALVE PN63</b>				
Your Ref./Su Ref. -	Our Ref./Nuestra Ref. -					
Rev.210215						
Date/Fecha 15/02/2021						
Name/Nombre aes40557	Drawn/Dibujado <b>CR</b>			Approved/Aprobado <b>JG</b>	Checked/Comprob. <b>DT</b>	Date/Fecha <b>02/12/2014</b>
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700				





**MAIN FEATURES/PRINCIPALES ATRIBUTOS**

- Design/ Diseño: EN 1984-2010
- Nominal Pressure: PN100
- Valve length/ Longitud: DIN 3202 F7
- Valve end connections/Extremos: Flanged to/ Bridas según EN 1092-1 Type 21
- Inspections & tests / Inspecciones y pruebas: EN12266-1/2
- Heat resistant paint, grey aluminium color/Pintura resistente al calor, color gris aluminio

**PRODUCT COMPLIANT WITH PRESSURE EQUIPMENT DIRECTIVE PED, MAX. CATEGORY I / PRODUCTO CONFORME A LA DIRECTIVA DE EQUIPOS A PRESIÓN PED, MÁX. CATEGORÍA I**

**BW**  
Thrust ball bearings used for DN250 and above

Two pieces bonnet used for DN150 and above

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Customer/Cliente -	Project/Proyecto -	Description/Descripción			
Your Ref./Su Ref. -	Our Ref./Nuestra Ref. -		<b>GATE VALVE PN100</b>		
Rev.210121					
Date/Fecha 21/01/2021					
Name/Nombre aes40557	Drawn/Dibujado <b>CR</b>	Approved/Aprobado <b>JG</b>	Checked/Comprob. <b>DT</b>	Date/Fecha <b>02/12/2014</b>	
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700			

No.	Part/Parte	Material	No.	Part/Parte	Material
1	Body	1.0619+N+HF	16	Greese Injector	Brass
3	Wedge	1.0619+N+HF	17	Stem Nut	A439 D2
4	Stem	A182 F6a	18	Retaining Nut	Carbon Steel
5	Gasket	St. Steel 304 + Graphite	19	Handwheel	ASTM A536
6	Bolt	A193 B7	20	Handwheel Nut	Carbon Steel
7	Nut	A194 2H	21	Bearings	Alloy Steel
8	Bonnet	1.0619+N	22	Yoke	1.0619+N
10	Packing	Flexible Graphite	23	Yoke Bolt	A193 B7
12	Gland	1.0619+N	24	Yoke Nut	A194 2H
13	Pin	Carbon Steel	26	Gear	Assembly
14	Gland Eyebolt	A193 B7	27	Screw	Carbon Steel
15	Nut	A194 2H			



Pressure-Temp. Rating	EN1092-1	
Shell test pressure	15.0	MPa
High pressure seal test	11.0	
Backseat test pressure	11.0	
Air test pressure	0.6	
Applicable temperature	-29~450°C	
Applicable medium	Water, steam, oil, etc	
Pmax:100 bar	Tmax:450°C	Tmin:-29°C

Size	End connection								Top works/Operation																
	RF								BW		Handwheel			Gear with handwheel				With ISO 5210 mounting pad							
	L (F7)	ØB	ØD	ØK	ØF	C	f	n-Ød	L	ØA1	H (open)	H (close)	ØW	H1	h1	g	ØW1	H2 (open)	H2 (close)	h2	ISO	Tr	Stroke	No. Of turns	Torque (Nm)
050	250	50	195	145	102	30	3	4-26	250	62	440	385	220	-	-	-	-	440	385	60	F10	Tr20x4-LH	55	14	(1)
065	290	65	220	170	122	34	3	8-26	290	77	470	396	250	-	-	-	-	470	396	60	F10	Tr22x5-LH	74	15	(1)
080	310	80	230	180	138	36	3	8-26	310	91	538	450	350	-	-	-	-	538	450	80	F12	Tr26x5-LH	88	18	(1)
100	350	100	265	210	162	40	3	8-30	350	117	617	507	350	-	-	-	-	610	510	80	F12	Tr30x6-LH	100	17	(1)
125	400	125	315	250	188	40	3	8-33	400	144	720	585	400	-	-	-	-	727	592	100	F14	Tr36x6-LH	135	23	(1)
150	450	150	355	290	218	44	3	12-33	450	172	855	695	450	-	-	-	-	850	690	110	F16	Tr38x6-LH	160	27	(1)
200	550	200	430	360	285	52	3	12-36	550	223	-	-	-	1260	293	340	460	1185	970	110	F16	Tr42x8-LH	215	27	(1)
250	650	250	505	430	345	60	3	12-39	650	278	-	-	-	1655	348	340	460	1565	1300	120	F25	Tr48x8-LH	265	34	(1)
300	750	300	585	500	410	68	4	16-42	750	329	-	-	-	1985	418	413	530	1876	1561	140	F30	Tr52x8-LH	315	40	(1)
350	850	350	655	560	465	74	4	16-48	850	362	-	-	-	2195	473	413	530	1925	1560	140	F30	Tr58x8-LH	365	46	(1)

(1) Under request / Bajo petición

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Customer/Cliente	-	Project/Proyecto	-	 <b>GATE VALVE PN100</b>					
Your Ref./Su Ref.	-	Our Ref./Nuestra Ref.	-						
		Rev.210215							
Date/Fecha		15/02/2021							
Name/Nombre		aes40557							
		Drawn/Dibujado	CR	Approved/Aprobado	JG	Checked/Comprob.	DT	Date/Fecha	02/12/2014
		Drawing N°/Plano N° GD90-A05-0_V-0_G_F-0-16_25_40_63_P0-0-050_700							