

## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

### ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS LAST EDITION:

(CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

**Part No.** AG062A08MAB830000+  
(Código)  
**Description** 6" Fig. 5281 F UT WCB, API TRIM No.8 830000

Descripción **CAST STEEL GLOBE VALVE 300 CLASS**  
**(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)**

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.) )

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
<b>HYDROSTATIC (PSI)</b> (HIDROSTATICA)	1125	1125	815	N A
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
<b>BODY</b> CUERPO	HC2413	ASTM A-216/WCB	0.220	0.960	0.018	0.013	0.450	0.026	0.098	0.025	0.016	0.002		73.95	46.40	28	51	153					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
<b>BONNET</b> BONETE	HC2403	ASTM A-216/WCB	0.180	0.900	0.027	0.009	0.440	0.020	0.149	0.035	0.014	0.002		76.85	47.13	29	46	156					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
<b>WEDGE</b> DISCO	HC2381	ASTM A-216/WCB	0.220	0.870	0.018	0.011	0.380	0.026	0.129	0.026	0.012	0.001		73.23	44.95	30	51	151					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

FAC10-21 REV "3"

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :  
QUALITY ASSURANCE



Yolanda Ponciano

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API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

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(Código) **6" Fig. 5281 F UT WCB, API TRIM No.8 830000**

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**(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)**

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	815	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
BODY CUERPO	HC2410	ASTM A-216/WCB	0.200	0.910	0.012	0.009	0.400	0.010	0.072	0.021	0.017	0.002		75.40	45.68	30	48	153					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
BONNET BONETE	HC2501	ASTM A-216/WCB	0.210	0.880	0.022	0.014	0.450	0.036	0.133	0.020	0.018	0.006		76.85	48.58	27	49	156					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
WEDGE DISCO	HC2384	ASTM A-216/WCB	0.200	0.860	0.014	0.008	0.390	0.013	0.062	0.024	0.015	0.002		72.50	44.23	31	52	150					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

FAC10-21 REV "3"

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(ACCORDING TO EN10204 TYPE 3.1)

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API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

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(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	815	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
BODY CUERPO	HC2416	ASTM A-216/WCB	0.180	0.900	0.020	0.010	0.420	0.018	0.079	0.028	0.012	0.002		76.13	45.68	27	49	151					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
BONNET BONETE	HC2406	ASTM A-216/WCB	0.210	0.870	0.018	0.013	0.420	0.023	0.072	0.029	0.023	0.001		77.58	46.40	27	50	155					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
WEDGE DISCO	HC2382	ASTM A-216/WCB	0.220	0.850	0.021	0.020	0.420	0.060	0.136	0.040	0.024	0.006		76.13	44.23	26	50	152					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

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API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

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(Código)  
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Description **CAST STEEL GLOBE VALVE 300 CLASS**  
(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
<b>HYDROSTATIC (PSI)</b> (HIDROSTATICA)	1125	1125	815	N A
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG				
<b>BODY</b> CUERPO	HC2415	ASTM A-216/WCB	0.190	0.960	0.022	0.018	0.420	0.027	0.067	0.024	0.030	0.005		76.13	46.40	28	49	154				
			Normalized (Normalizado a) 930 °C																			
<b>BONNET</b> BONETE	HC2522	ASTM A-216/WCB	0.210	0.860	0.021	0.016	0.420	0.028	0.082	0.017	0.028	0.006		73.95	44.23	28	49	151				
			Normalized (Normalizado a) 930 °C																			
<b>WEDGE</b> DISCO	HC2382	ASTM A-216/WCB	0.220	0.850	0.021	0.020	0.420	0.060	0.136	0.040	0.024	0.006		76.13	44.23	26	50	152				
			Normalized (Normalizado a) 930 °C																			
			Temper to (Temple a) 650 °C																			
			Air Cooled. (Enfriado en aire.)																			

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API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

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(Código)  
**6" Fig. 5281 F UT WCB, API TRIM No.8 830000**

Description **CAST STEEL GLOBE VALVE 300 CLASS**  
(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	815	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
BODY CUERPO	HC2390	ASTM A-216/WCB	0.190	0.910	0.024	0.012	0.420	0.046	0.121	0.028	0.015	0.005		75.40	48.58	27	48	155					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
BONNET BONETE	HC2415	ASTM A-216/WCB	0.190	0.960	0.022	0.018	0.420	0.027	0.067	0.024	0.030	0.005		76.13	46.40	28	49	154					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
WEDGE DISCO	HC2382	ASTM A-216/WCB	0.220	0.850	0.021	0.020	0.420	0.060	0.136	0.040	0.024	0.006		76.13	44.23	26	50	152					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

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API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

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 (Código) **6" Fig. 5281 F UT WCB, API TRIM No.8 830000**

**Description** CAST STEEL GLOBE VALVE 300 CLASS  
 (VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	815	N A
PNEUMATIC (PSI) (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
BODY CUERPO	HC2503.	ASTM A-216/WCB	0.210	0.870	0.020	0.015	0.420	0.032	0.254	0.029	0.017	0.006		76.13	46.40	26	48	154					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
BONNET BONETE	HC2408.	ASTM A-216/WCB	0.190	0.960	0.023	0.009	0.400	0.017	0.142	0.033	0.012	0.001		79.03	47.85	26	47	157					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
WEDGE DISCO	HC2382	ASTM A-216/WCB	0.220	0.850	0.021	0.020	0.420	0.060	0.136	0.040	0.024	0.006		76.13	44.23	26	50	152					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

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ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

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(Código)  
**Description** 6" Fig. 5281 F UT WCB, API TRIM No.8 830000

Description **CAST STEEL GLOBE VALVE 300 CLASS**  
(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
<b>HYDROSTATIC (PSI)</b> (HIDROSTATICA)	1125	1125	815	N A
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
<b>BODY</b> CUERPO	HC2418	ASTM A-216/WCB	0.220	0.920	0.021	0.014	0.440	0.035	0.106	0.015	0.026	0.006		72.50	44.95	31	52	150					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
<b>BONNET</b> BONETE	HC2391	ASTM A-216/WCB	0.180	0.930	0.018	0.010	0.400	0.023	0.068	0.023	0.018	0.001		76.13	44.23	29	46	152					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
<b>WEDGE</b> DISCO	HC2382	ASTM A-216/WCB	0.220	0.850	0.021	0.020	0.420	0.060	0.136	0.040	0.024	0.006		76.13	44.23	26	50	152					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

FAC10-21 REV "3"

CERTIFICADO POR:  
ASEGURAMIENTO DE CALIDAD

CERTIFIED BY :  
QUALITY ASSURANCE



Yolanda Ponciano



## QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

### ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS LAST EDITION:

(CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

API 598	- VALVE INSPECTION AND TESTING	API 6D	- PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
API 599	- METAL PLUG VALVES - FLANGED, THREADED AND WELDING	API 600	- STEEL GATE VALVES, FLANGED AND WELDING ENDS
ANSI B16-10	- FACE TO FACE AND END TO END DIMENSIONS OF VALVES	ANSI B16-11	- FORGED FITTINGS, SOCKET - WELDING AND THREADED
ANSI B16-34	- VALVES - FLANGED, THREADED AND WELDING ENDS	API 602	- COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
MSS-SP61	- PRESSURE TESTING OF STEEL VALVES		

**Part No.** AG062A08MAB830000+  
(Código)  
**Description** 6" Fig. 5281 F UT WCB, API TRIM No.8 830000

Description **CAST STEEL GLOBE VALVE 300 CLASS**  
(VALVULA GLOBO DE ACERO FUNDIDO CLASE 300)

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.) )

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
<b>HYDROSTATIC (PSI)</b> (HIDROSTATICA)	1125	1125	815	N A
<b>PNEUMATIC (PSI)</b> (NEUMATICA)			80	N A

#### MECHANICAL TESTS (PROP. MECANICAS)

		CHEMICAL COMPOSITION (%)											COMPOSICIÓN QUIMICA (%)					TENS	YIELD	ELG	RED	BHN	
ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	KPSI CVN@	KPSI 1ST	% 2ND	% 3RD	AVG					
<b>BODY</b> CUERPO	HC2504	ASTM A-216/WCB	0.220	0.830	0.023	0.008	0.380	0.045	0.160	0.020	0.017	0.006		77.58	47.13	27	46	156					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
<b>BONNET</b> BONETE	HC2409.	ASTM A-216/WCB	0.210	0.860	0.016	0.010	0.410	0.017	0.068	0.027	0.018	0.001		73.95	45.68	29	50	152					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				
<b>WEDGE</b> DISCO	HC2394	ASTM A-216/WCB	0.190	0.870	0.017	0.010	0.420	0.023	0.094	0.025	0.011	0.001		77.58	49.30	25	46	159					
			Normalized (Normalizado a) 930 °C											Temper to (Temple a) 650 °C					Air Cooled. (Enfriado en aire.)				

FAC10-21 REV "3"

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