

# 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 PRABADO 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.** AC031A12MAB790000M  
**(Código)**  
**Description** 3" Fig. 5202 F 3HF WCB, API TRIM No.12 790000M  
**Descripción** CAST STEEL GATE VALVE 150 PSI  
 (VALVULA COMPUERTA DE ACERO FUNDIDO 150 PSI)


 MANUFACTURED TO MEET NACE MR-01-75-2003 REQUIREMENTS AND LOW FUGITIVE EMISSIONS CONTROL  
 (VALVULA SERVICIO NACE MR-01-75 \*Y CONTROL DE EMISIONES FUGITIVAS 50 PPM'S)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	450	450	N A	N A
PNEUMATIC (PSI) (NEUMATICA)			80	80

**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	WH22724	ASTM A-216/WCB	0.199	0.900	0.019	0.012	0.437	0.018	0.044	0.005	0.040	0.001		78.01	45.96	32	47	152
Normalized to (Normalizado a) 920 °C			Temper to (Temple a) 650 °C										Cooled in air.(Cooled in air. (Enfr)					
BONNET BONETE	WH28813	ASTM A-216/WCB	0.211	0.963	0.033	0.018	0.416	0.012	0.087	0.009	0.014	0.006		83.95	47.85	29	53	168
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Cooled in air.(Cooled in air. (Enfr)					
WEDGE DISCO	D8567	ASTM A-216/WCB	0.110	0.960	0.024	0.020	0.600	0.500	0.450	0.017	0.017	0.001	0.398	87.96	45.25	28	44	158
Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C										Cooled in air.(Cooled in air. (Enfr)					

FAC10-21 REV "3"

  
**JESSICA GARCIA**