



Industrial de Valvulas, S.A de C.V.  
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol  
 Tepozolan, Estado de Mexico C.P. 54600

(Numero) Number V074B912  
 (Fecha) Date 28/03/2008

# QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

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:  
 ESTANDARES ULTIMA EDICIÓN.)

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

**Part No. CB0203A1AAB**  
 (Código)  
**2" Fig. 8612 F A105, TH0000B**  
 Descripción **STEEL BALL VALVE**  
**(VALVULA ESFERA DE ACERO)**

MANUFACTURED TO MEET NACE MR-01-75 REQUIREMENTS FIRE TEST API 6FA, API 607, REV 2003 (VALVULA SERVICIO NACE MR-01-75 PRUEBA DE FUEGO API 6FA, API 607 )

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSI) (HIDROSTATICA)	2225		1630 1630
PNEUMATIC (PSI) (NEUMATICA)			80 80

## CHEMICAL COMPOSITION (%)

ITEM (PARTES)	HEAT No. (COLADAN)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS (KPSI) (CARGA)	YIELD (KPSI) (1ST)	ELG (%) (2ND)	RED (%) (3RD)	BHN (AVG)
BALL BOLA	B069	ASTM A-105N	0.205	0.760	0.010	0.002	0.200	0.080	0.240	0.010	0.260	0.006		76.20	44.99	36	46	162
BODY CUERPO	07-2-111	ASTM A-105N	0.200	0.830	0.015	0.006	0.250	0.100	0.110	0.010	0.160	0.001		72.86	54.43	33	72	160
EXTREMO1	07-2-114	ASTM A-105N	0.190	0.860	0.017	0.005	0.240	0.090	0.150	0.010	0.160	0.001		73.29	50.94	33	58	152
EXTREMO2	07-2-114	ASTM A-105N	0.190	0.860	0.017	0.005	0.240	0.090	0.150	0.010	0.160	0.001		73.29	50.94	33	58	152

## COMPOSICIÓN QUÍMICA (%)

## MECHANICAL TESTS (PROP. MECANICAS)