



WALWORTH®

Industrial de Válvulas, S.A. de C.V.
Av. de la Industria Lote 16 Fracc. Industrial el Trébol
Tepetzotlán, Estado de México C.P. 54600

(NUMERO) NUMBER:

V064B2646
27/10/2006

(FECHA) DATE:

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE 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:

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

- API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
- API 600 - STEEL GATE VALVES - FLANGED AND BUT-WELDING ENDS
- API 598 - VALVE INSPECTION AND TESTING
- API 599 - METAL PLUG VALVES - FLANGED AND WELDING ENDS
- 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

PART. No.: 00224B
(CODIGO)

DESCRIPTION: 4" FIG. 8112 F A105, API TRIM N/A
(DESCRIPCION) STEEL BALL VALVE (VALVULA BOLA DE ACERO)

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

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	430	430	313	313
PNEUMATIC (PSI) (NEUMATICA)			80	80

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%) (COMPOSICION QUIMICA)											MECHANICAL TESTS (PROP. MECANICAS)									
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG					
BODY (CUERPO)	063-2070	TE A-105H	0.210	0.790	0.020	0.019	0.220	0.001	0.050	0.001	0.030	0.001							76.20	53.99	37.4	65.0	181
ENDS EXTREMOS	063-2031	TE A-105H	0.200	0.778	0.024	0.022	0.210	0.033	0.051	0.001	0.030	0.001							75.91	53.99	67.0	37.8	170
BALL BOLA	XSO60	TE A-105H	0.230	0.640	0.008	0.002	0.220	0.070	0.020	0.010	0.090	0.040							79.83	47.90	30.0	63.0	160

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD