



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. 54800

(NUMERO) NUMBER:

2824/2003
28/11/2003

(FECHA) DATE:

QUALITY ASSURANCE (ASEGURAMIENTO DE CALIDAD) CERTIFICATE OF COMPLIANCE (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 STANDARS:

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

- ANSI B16.11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
- API 602 - COMPACT STEEL GATE VALES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS
- API 598 - VALVE INSPECTION AND TESTING
- 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.: 68060
(CODIGO)

DESCRIPTION: 1" FIG. 5540 SW UT A105, API TRIM No.8
(DESCRIPCION) FORGED STEEL PISTON CHECK VALVE (VALVULA RETENCION TIPO PISTON DE ACERO FORJADO)

VALVE WITH LOW EMISSION CONTROL

(VALVULA SUMINISTRADA CON CONTROL DE EMISIONES)
(FUGITIVAS A 50 PPM'S MAX)

PRESSURE TESTS (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK SEAT	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	2970	N A	N A	2175
PNEUMATIC (PSI) (NEUMATICA)			N A	N A

INVOICE 45386 ITEM 02 QTY 3
(FACTURA) (PARTIDA) (CANTIDAD)

MECHANICAL TESTS (PROP MECANICAS)

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	Cb	N	TENS KPSI CVN@	YIELD KPSI 1ST	ELG % 2ND	RED % 3RD	BHN AVG				
BODY (CUERPO)	57730	A105N	0.190	1.080	0.003	0.022	0.250	0.100	0.080	0.033	0.290	0.002							74.40	47.80	32.5	67.2	153
BODY (CUERPO)	57561	A105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021							76.60	56.20	31.0	68.3	146
YDKE (YUGO)	57842	A105N	0.200	0.820	0.020	0.027	0.240	0.040	0.060	0.014	0.170	0.026							74.00	48.40	33.4	63.3	159
YDKE (YUGO)	57537	A 105N	0.190	0.810	0.004	0.028	0.210	0.120	0.100	0.031	0.320	0.021							75.90	49.40	30.8	59.5	170
YDKE (YUGO)	57927	A105N	0.200	0.820	0.020	0.027	0.240	0.040	0.060	0.014	0.170	0.026							73.10	46.60	30.7	59.5	146

CERTIFIED BY:

QUALITY ASSURANCE

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD