

## 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 598     | - VALVE INSPECTION AND TESTING                      | API 6D      | - PIPELINE VALVES - GATE, PLUG, BALL ANF 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. **CB1603A2AAB**

(Codigo) **16" Fig. 8622 F A105, THKK00B**

Description

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)

(VALVULA CON RECUBRIMIENTO EXTERIOR DE PINTURA PARA \*AMBIENTE MARINO)

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)
HYDROSTATIC (PSD) (HIDROSTATICA)	2220		1630 1630
PNEUMATIC (PSD) (NEUMATICA)			80 80

#### MECHANICAL TESTS (PROP. MECANICAS)

#### CHEMICAL COMPOSITION (%)

#### COMPOSICIÓN QUÍMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	W	TENS KPSI CVN@	YIELD KPSI 1ST	ELG %	RED %	BHN AVG
BODY CUERPO	06010153	ASTM A-105N	0.200	0.870	0.023	0.007	0.230	0.070	0.120	0.030	0.100	0.003		73.58	49.64	35	63	148
WEDGE DISCO	XS112	ASTM A-105N	0.190	0.930	0.020	0.013	0.210	0.050	0.200	0.020	0.160	0.002		79.63	52.24	36	65	158
END1 EXTREMO1	06010153	ASTM A-105N	0.200	0.870	0.023	0.007	0.230	0.070	0.120	0.030	0.100	0.003		73.58	49.64	35	63	148
END2 EXTREMO2	06010153	ASTM A-105N	0.200	0.870	0.023	0.007	0.230	0.070	0.120	0.030	0.100	0.003		73.58	49.64	35	63	148