

No. código interno (Product Code Nr.): **AC120BA08MA2A1BG**

 No. Serie (Serial Number): **V158C0750**

 Fecha (Date): **April 7, 2016**

No. De Tag (Tag Number):

Clientes (Customer):

No Pedido del Cliente (Customer PO Nr.):

Partida (Customer Item):

Partida (Item):

Linea de producto (Product line):	CAST STEEL	Extremos (Ends):	RAISED FACE (RF TYPE "A")	Operación (Operation):	HANDWHEEL
Tipo de válvula (Type of valve):	GATE OS & Y	Cuerpo (Shell):	WCB	Otros (Other requirements):	
Diámetro (Nominal diameter):	12	Interiores (Trim):	#08 (UT)		
Presión clase (Pressure class):	150	Figura No (Figure Nr.):	FIG 5202		

COMPOSICION QUIMICA EN % (CHEMICAL COMPOSITION %)

Parte (Component)	Material (Material)	Colada (Heat)	% C	% Mn	% P	% S	% Si	% Ni	% Cr	% Mo	% Cu	% V	%	%	%	%	%	%
BONETE (BONNET)	ASTM_A_216_GR_WCB	K6804	0.213	0.946	0.034	0.023	0.395	0.038	0.046	0.012	0.059	0.001	0.000	0.000	0.000	0.000	0.000	0.000
CUERPO (BODY)	ASTM_A_216_GR_WCB	C0513	0.200	0.935	0.022	0.010	0.444	0.001	0.053	0.013	0.032	0.004	0.000	0.000	0.000	0.000	0.000	0.000
DISCO 1 (DISC 1)	ASTM_A_216_GR_WCB	C0541	0.194	0.912	0.019	0.008	0.393	0.001	0.072	0.019	0.037	0.006	0.000	0.000	0.000	0.000	0.000	0.000

PROPIEDADES MECANICAS (MECHANICAL TESTING)

Parte (Component)	Colada (Heat)	Condición de TT Normalizado & revenido Heat Treatment condition (Normalized & tempered)	Cedencia (Yield strength) (Kpsi)	Tensión (Tensile strength) (Kpsi)	Alar. En 2" (Elong. In 2") (% min)	Reduccion de area (Reduction of area) (% min)	Dureza (Hardness) (Bhn)		Prueba Impacto (Impact Test) (Joules)				
							1st	2nd	1st	2nd	3rd	AVG	
BONETE (BONNET)	K6804	(910-940) °C, NORMALIZADO (RECOCIDO) 650 °C ENFRIAMIENTO CON AIRE (910-940) °C, NORMALIZE (ANNEAL) 650 °C AIR COOL	46.1100	75.2550	27	61	161	0	0	0	0	0	0
CUERPO (BODY)	C0513	(910-940) °C, NORMALIZADO (RECOCIDO) 650 °C ENFRIAMIENTO CON AIRE (910-940) °C, NORMALIZE (ANNEAL) 650 °C AIR COOL	43.6450	75.1100	26	49	168	0	0	0	0	0	
DISCO 1 (DISC 1)	C0541	(910-940) °C, NORMALIZADO (RECOCIDO) 650 °C ENFRIAMIENTO CON AIRE (910-940) °C, NORMALIZE (ANNEAL) 650 °C AIR COOL	43.5000	72.6450	28	51	163	0	0	0	0	0	

PRUEBAS DE PRESIÓN DE ACUERDO CON API 598 (PRESSURE TEST IN ACCORDANCE WITH API 598)

TIPO DE PRUEBA (Type of test)	PRESION (Pressure) (Psi)	TIEMPO (Duration) (min)	RESULTADO (Result)	TIPO DE PRUEBA (Type of test)	RESULTADO (Result)
HIDROSTATICA DE CASCO (HYDROSTATIC SHELL)	450	2 min	ACEPTADO (ACCEPTED)		
HIDROSTATICA DE CASQUILLO (HYDROSTATIC BACK SEAT)	450	2 min	ACEPTADO (ACCEPTED)		
PRUEBA NEUMATICA SELLO 1 (LOW PRESSURE CLOSURE SIDE 1)	80	2 min	ACEPTADO (ACCEPTED)		
PRUEBA NEUMATICA SELLO 2 (LOW PRESSURE CLOSURE SIDE 2)	80	2 min	ACEPTADO (ACCEPTED)		



Certificamos que este producto ha sido diseñado, fabricado y probado de acuerdo con nuestro sistema de administración de calidad y con los requisitos establecidos en una o más de las siguientes normas en su última edición. (We hereby certify this product has been designed, manufactured and tested according to our quality management system and requirements stated in one or more of the following standards on their latest edition).

DESIGN IN ACCORDANCE WITH API 601 (CAST STEEL GATE, OS & YKES)
 API 599 METAL PLUG VALVES - FLANGED, THREADED AND WELDING
 API 581 PROCESS VALVE QUALIFICATION PROCEDURE
 API 602 STEEL GLOBE VALVES-FLANGED AND BUTT-WELDING ENDS, BOLTED BONNETS
 API 624 TYPE TESTING OF RISING STEM VALVES EQUIPPED WITH GRAPHITE PACKING FOR FUGITIVE EMISSIONS
 ANSI B16.10 FACE TO FACE AND END TO END DIMENSIONS OF VALVES
 ANSI B16.11 FORGED FITTINGS, SOCKET - WELDING AND THREADED
 ANSI/API SPECIFICATION 1515-1 MATERIALS FOR USE IN H2S-CONTAINING ENVIRONMENTS IN OIL AND GAS PRODUCTION
 NACE MR0103 MATERIAL RESISTANT TO SULFIDE STRESS CRACKING IN CORROSIIVE PETROLEUM ENVIRONMENT
 MSS-SP61 PRESSURE TESTING OF STEEL VALVES

 Quality Assurance Department
 Jessica Garcia Perez

FAC-24 Rev. Original.