



BAC VALVES

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CERTIFICADO DE INSPECCIÓN EN 10.204 3.1.B
INSPECTION CERTIFICATE ACC. TO EN 10.204 3.1.B.

Nº: 27232 1,000
Page no. 1

30. MAI 2005

Cliente
Customer

SIEKMANN ECONOSTO GmbH & Co. K

Tipo de válvula
Valve type

F310.2213510805
FB PN16 1.0619 304 PTFE FS DN 80

Cantidad
Quantity

10 EA

Pedido
Order

27232

Nº de serie
Serial number

5000124

Norma de diseño
Design Standard

DIN 3357

Norma de pruebas
Test spec.

BS EN12266

Presión
Pressure

24 bar

Tiempo
Duration

1 min

Resultado
Result

OK

Observaciones
Remarks

Pos. 9 654.
Kewer. H 14 003 H1 1 L1
H 13 013 H1 1 L1
H 13 003 H1 1 L1

DECLARATION OF CONFORMITY
We declare, that this product is in compliance with the directive 97/23/EC and was subjected to the conformity assessment procedure:
EC - type-examination (B) and production quality assurance (D).
The surveillance of the quality system is performed by Bureau Veritas (cod. 0062)

Certificado
Certificate

Colada
Heat

C
%

Mn
%

Si
%

P
%

S
%

Cr
%

Ni
%

Mo
%

Cu
%

V
%

Al
%

Nb
%

CE
%

N
%

Yield
%

Tensile
%

A
%

Z
%

Impact test
V1 V2 V3

HB

Item Number : IF20.0013080

7AL

F.80.20

CF8

0,065

1,27

1,10

0,031

0,009

19,200

9,280

0,146

Item Number : IF10.3322080

HC0523

F.80.10.16

1.0619

0,200

0,81

0,46

0,027

0,010

0,123

0,060

0,013

0,039

0,003

0,369

324

530

26,0

Item Number : IF20.0013080

8AO

F.80.20

CF8

0,053

1,18

1,11

0,031

0,011

19,000

9,330

0,169

Item Number : IF40.3322080

0,463

F.80.40.16

1.0619

0,310

0,78

0,48

0,016

0,010

0,033

0,027

0,024

0,004

0,002

0,365

322

536

35,0

Tratamiento térmico / Heat Treatment:

CF8M/CF3M/CF8/1.4408/1.4409/1.4308/1.4552/1.4581: Solution annealed to 1050-1100°C, 2 hours minimum and quenched in water.

WCC/1.0619: Normalized to 930°C, 2 hours minimum. Cooling in air.

LCC: Normalized and tempered or liquid quenched and tempered.

CA-15: Tempered at 595°C, minimum.

Castings:

DIN 1690 Part 10 S3-V3MSS-SP-55: OK [EN grades: AD2000-Merkblatt W5.

acc. to DIN 50914, ASTM A262 Pr. E.

WCC (ASTM A216-04)/LCC (ASTM A352-03)/F2/LE3 (ASTM A350-04)/CF8/CF8M/CF3/CF3M (ASTM A351-03)]

CA15 (ASTM A217-04)/316L/304/304L (ASTM A276-04)/A105-N (ASTM A105-03)

13/05/05

BAC VALVES, S.A.

Nuria Berta i Salip

Quality and HSE Manager

30. MAI 2005



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Page no. 2

Cliente Customer		SIEKMANN ECONOSTO GmbH & Co. K										F310.221351080S FB PN16 1.0619 304 PTFE FS DN 80										Cantidad Quantity		10 EA					
		Tipo Type																				Z		Impact test		°C		HB	
		Colada Heat	C %	Mn %	Si %	P %	S %	Cr %	Ni %	Mo %	Cu %	V %	Al %	Nb %	N %	CE %	Yield	Tensile	A		V1	V2	V3						
Item Number : IF10.3322080		D1700	0.210	0.87	0.48	0.017	0.019	0.074	0.027	0.015	0.052	0.001				0.378	328	521	26.0		43.00	39	35	20	172				
		D1755	0.220	0.85	0.47	0.023	0.016	0.065	0.034	0.014	0.032	0.004				0.383	309	534	28.0		31.00	36	39	20	170				
		D1782	0.210	0.71	0.50	0.018	0.018	0.083	0.038	0.018	0.045	0.001				0.354	323	526	25.0		34.00	39	37	20	172				
		D1783	0.180	0.73	0.41	0.013	0.016	0.075	0.032	0.016	0.042	0.004				0.326	315	524	25.0		40.00	41	38	20	172				
		D1785	0.210	0.74	0.44	0.022	0.013	0.116	0.033	0.012	0.058	0.004				0.366	333	514	29.0		37.00	38	44	20	170				
		D1786	0.180	0.80	0.40	0.020	0.015	0.112	0.036	0.027	0.041	0.007				0.348	317	531	27.0		38.00	40	43	20	169				
		D1792	0.190	0.75	0.43	0.015	0.012	0.097	0.024	0.017	0.034	0.004				0.342	330	516	25.0		32.00	35	38	20	170				
		D1793	0.190	0.89	0.47	0.019	0.019	0.091	0.038	0.018	0.086	0.006				0.370	319	527	26.0		38.00	40	34	20	170				
		D1900	0.190	0.74	0.48	0.012	0.015	0.073	0.028	0.026	0.034	0.002				0.338	329	522	29.0		37.00	31	35	20	172				
		D3088	0.190	0.76	0.45	0.017	0.016	0.043	0.041	0.016	0.037	0.002				0.334	317	523	25.0		35.00	37	34	20	168				
		D3954	0.190	0.80	0.54	0.016	0.017	0.041	0.043	0.015	0.036	0.003				0.340	325	517	28.0		35.00	38	32	20	172				
	Item Number : IF10.3322080		F.80.10.16 1.0619										BODY FB F.80.10.16 1.0619																
		D1771	0.190	0.68	0.44	0.019	0.012	0.090	0.037	0.018	0.052	0.003				0.328	314	533	25.0		38.00	40	42	20	174				
		D1772	0.220	0.82	0.50	0.012	0.016	0.117	0.052	0.018	0.037	0.002				0.357	325	529	26.0		39.00	43	41	20	173				
		D1773	0.220	0.76	0.50	0.014	0.015	0.145	0.040	0.025	0.040	0.003				0.387	321	528	26.0		35.00	39	46	20	172				
		D1774	0.210	0.84	0.44	0.027	0.017	0.074	0.021	0.013	0.029	0.004				0.372	322	525	28.0		41.00	37	39	20	172				
		D1776	0.210	0.91	0.51	0.030	0.014	0.166	0.027	0.010	0.033	0.004				0.402	331	518	25.0		45.00	39	41	20	172				
		D1777	0.200	0.76	0.43	0.023	0.016	0.068	0.020	0.015	0.038	0.003				0.348	336	513	25.0		45.00	39	41	20	169				
		D1778	0.190	0.84	0.45	0.016	0.019	0.062	0.024	0.018	0.027	0.004				0.350	319	530	28.0		41.00	37	39	20	171				
		D1779	0.190	0.66	0.44	0.019	0.012	0.090	0.037	0.018	0.052	0.003				0.328	314	533	25.0		38.00	40	42	20	174				
		D3928	0.210	0.94	0.44	0.017	0.015	0.042	0.040	0.018	0.037	0.002				0.384	326	520	27.0		32.00	36	33	20	173				
		D3975	0.180	0.89	0.40	0.017	0.015	0.039	0.043	0.018	0.037	0.001				0.322	306	534	25.0		35.00	32	36	20	169				
		D3988	0.190	0.72	0.43	0.018	0.016	0.043	0.039	0.017	0.036	0.002				0.327	312	526	28.0		32.00	34	31	20	168				
		D0435	0.200	1.06	0.48	0.030	0.014	0.095	0.089	0.012	0.029	0.002				0.406	319	529	27.0		35.00	38	43	20	170				
		D0523	0.200	0.81	0.46	0.027	0.010	0.123	0.060	0.013	0.039	0.003				0.369	324	530	26.0		38.00	41	43	20	169				
Item Number : IF30.0018080		F.80.30 304										STEM F.80.30 304																	
		829517	0.230	1.48	0.42	0.029	0.030		18.080	8.050						328	626		48.0					20	179				