


 BAC VALVES		Tapis, 126 - P.O. Box, 13 - 17600 FIGUERES (Girona) Spain Tel.: (34) 972 67 70 52 - Fax: (34) 972 50 90 40 E-mail: bac@bacvalves.com Web: www.bacvalves.com		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 SIEMANN 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 90078790P	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. g 654. Remar. 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)
Prueba hidrostática del cuerpo (BA) Hydrostatic shell test					
Prueba asiento doble bloqueo (BB) Block and bleed test					
Prueba hidrostática del asiento (BN) Hydrostatic seat test					
Prueba neumática del asiento (BO) Pneumatic seat test	06 bar	1 min	OK		

Certificado Certificate	Colada Heat	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	Al	Nb	N	CE	Yield	Tensile	A	Z	Impact test V1 V2 V3	°C	HB				
Item Number : IF20.0013080	F.80.20	CF8	0,065	1,27	1,10	0,031	0,009	19,200	9,280	0,146											158,00	174	175	20	159	
TAL																										
Item Number : IF10.3322080	F.80.10.16	1.0619																								
LotSN : 6000459																										
HC0523		0,200	0,81	0,46	0,027	0,010	0,123	0,060	0,013	0,039	0,003											38,00	41	43	20	169
HC1771		0,190	0,66	0,44	0,019	0,012	0,090	0,037	0,018	0,052	0,003											38,00	40	42	20	174
HC1773		0,220	0,76	0,50	0,014	0,015	0,145	0,040	0,025	0,040	0,003											35,00	39	46	20	172
HC1774		0,210	0,84	0,44	0,027	0,017	0,074	0,021	0,013	0,029	0,004											41,00	37	39	20	172
HC1775		0,210	0,91	0,51	0,030	0,014	0,166	0,027	0,010	0,033	0,004											45,00	39	41	20	172
HC1776		0,210	0,91	0,51	0,030	0,014	0,166	0,027	0,010	0,033	0,004											45,00	39	41	20	172
HC1777		0,200	0,76	0,43	0,023	0,016	0,068	0,020	0,015	0,038	0,003											45,00	39	41	20	169
HC1778		0,190	0,84	0,45	0,016	0,019	0,062	0,024	0,018	0,027	0,004											41,00	37	39	20	171
HC1784		0,190	0,76	0,42	0,019	0,016	0,087	0,030	0,015	0,045	0,003											38,00	40	42	20	174
HC3935		0,190	0,99	0,50	0,015	0,016	0,040	0,042	0,017	0,037	0,002											30,00	38	34	20	170
Item Number : IF20.0013080	F.80.20	CF8																								
LotSN : 6000322																										
8A0		0,053	1,18	1,11	0,031	0,011	19,000	9,330	0,169											156,00	174	175	20	153		
Item Number : IF40.3322080	F.80.40.16	1.0619																								
LotSN : 6000460																										
CLOSURE FB F.80.40.16 1.0619																										
0,340 0,78 0,48 0,016 0,019 0,039 0,073 0,027 0,024 0,048 0,002 0,365 322 536 36,0 172																										

Tratamiento térmico / Heat Treatment: CF8M/CF3M/CF8/1.4408/1.4552/1.4581: 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. Stress relief to 650°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-V3IMSS-SP-55: OK (JEN grades: AD2000-Merkblatt W5. .Austenitic stainless steels: statistical process control to assure I.K. test acc. to DIN 50914, ASTM A262 Pr.E. .WCC (ASTM A216-04)/LCC (ASTM A352-03)/F2LF3 (ASTM A350-04)/CF8/CF8M/CF3/CF8M (ASTM A351-03) .CA15 (ASTM A217-04)/316L/304/304L (ASTM A276-04)/A105/A105N (ASTM A105-03)
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BAC VALVES, S.A.

Nuria Berta i Salip
 Quality and HSE Manager



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CERTIFICADO DE INSPECCIÓN EN 10.204 3.1.B

INSPECTION CERTIFICATE ACC. TO EN 10.204 3.1.B.

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Cliente

SIEKMANN ECONOSTO GmbH & Co. K

Tipo

F310.221351080S

Cantidad

10 EA

Colada

Heat

C

Mn

Si

P

S

Cr

Ni

Mo

Cu

V

Al

Nb

N

CE

Yield

Tensile

A

Z

Impact test

V1

V2

V3

°C

HB

FB PN16 1.0619 304 PTFE FS DN 80

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	0.016	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	36.00	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	36.00	40	34	20	170
D1900	0.190	0.74	0.49	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 LoUSN : 6000420 BODY FB F.80.10.16 1.0619																			
D1771	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
D1772	0.220	0.62	0.50	0.012	0.016	0.117	0.052	0.018	0.037	0.002	0.357	325	529	26.0	35.00	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	526	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	0.018	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	0.016	0.037	0.002	0.384	326	520	27.0	32.00	36	33	20	173
D3975	0.190	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	169
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 LoUSN : 6000028 STEM F.80.30 304																			
828517	0.230	1.48	0.42	0.029	0.030	18.080	8.050	328	626	48.0	20	179							



13/05/05



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