



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: 27419 1,000
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27 JUNI 2005

Cliente
Customer

SIEKMANN ECONOSTO GmbH & Co. K

Tipo de válvula
Valve type

F340.221151025S
FB PN40 1.0619 316 PTFE FS DN 25

Cantidad
Quantity

40 EA

Pedido
Order

27419

Nº de serie
Serial number

5000175

Norma de diseño
Design Standard

DIN 3357

Norma de pruebas
Test spec.

BS EN12266

Presión
Pressure

60 bar

Tiempo
Duration

1 min

Resultado
Result

OK

Observaciones
Remarks

Per. 7 2 St.
Kewur. H 15096
H 15099

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

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

Item Number : IF20.0011025
F.25.20 CF8M

Item Number : IF10.3522025
F.25.10.40 1.0619

Chemical Composition

	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	Al	Nb	N	CE	Yield	Tensile	A	Z	Impact test	°C	HB		
704133	0.181	0.87	0.19	0.023	0.011	19.000	10.200	2.180							332	532	50.0		155.00	167	168	20	153
704134	0.210	1.15	0.21	0.021	0.012										307	526	29.0		88.00	57	85	20	
704135	0.189	1.00	0.22	0.020	0.012										294	496	28.0		56.00	82	65	20	
704136	0.207	1.16	0.22	0.020	0.012										286	495	30.0		73.00	87	55	20	
704137	0.191	1.20	0.42	0.020	0.010										328	494	25.0		51.00	49	49	20	
704138	0.195	0.86	0.16	0.018	0.010										281	518	27.0		65.00	49	77	20	
704139	0.191	0.87	0.13	0.018	0.009										316	536	26.0		66.00	64	41	20	
804101	0.189	0.66	0.10	0.019	0.011										309	523	28.0		42.00	69	88	20	
804102	0.212	0.71	0.12	0.020	0.012										322	506	25.0		55.00	70	71	20	
804103	0.181	0.57	0.06	0.017	0.011										297	524	26.0		67.00	59	76	20	
804104	0.186	0.70	0.10	0.020	0.012										323	531	30.0		72.00	89	90	20	
804105	0.210	0.69	0.12	0.020	0.012										290	502	30.0		67.00	52	73	20	
804106	0.190	0.71	0.21	0.019	0.010										325	533	28.0		58.00	66	70	20	
804107	0.210	0.80	0.28	0.019	0.011										286	493	26.0		67.00	63	66	20	
804108	0.191	0.69	0.34	0.018	0.009										328	523	29.0		66.00	66	57	20	

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. 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 1890 Part 10 S3-V3MSS-SP-55: OK [EN grades: AD2000-Merkblatt W5.
Austenitic stainless steels; statistical process control to assure I.K. test acc. to DIN 50914, ASTM A262 Pt.E.
WCC (ASTM A216-04)/LCC (ASTM A352-03)/CF8/CF8M/CF3M/CF3M(A351-03)/CA15 (ASTM A217-04)/316S16/304/304L (ASTM A276-04)/A105-N (ASTM A105-03)

BAC VALVES, S.A.

Nuria Berta Salip
Quality and HSE Manager

13/06/05



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Cliente Customer		SIEKMANN ECONOSTO GmbH & Co. K										F340.221151025S FB PN40 1.0619 316 PTFE FS DN 25										Cantidad Quantity		40 EA	
		Colada Heat	C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	Al	Nb	N	CE	Yield	Tensile	A	Z	Impact test			°C	HB
			%	%	%	%	%	%	%	%	%	%	%	%	%	%					V1	V2	V3		
Item Number : 1F10.3522025		8041129	0.183	0.56	0.20	0.018	0.008										296	546	29.0		59.00	63	63	20	
			F.25.10.40 1.0619										BODY FB F.25.10.40 1.0619												
			LotSN : 6000953																						
		504L514	0.183	0.80	0.15	0.010	0.013										285	515	30.0		81.00	63	86	20	
		504L515	0.183	0.84	0.43	0.011	0.014										311	529	30.0		48.00	47	50	20	
		504L516	0.186	1.02	0.50	0.011	0.012										326	505	28.0		91.00	79	68	20	
		504L530	0.218	0.72	0.17	0.011	0.015										291	503	28.0		59.00	67	75	20	
		504L531	0.225	0.89	0.23	0.011	0.015										328	511	30.0		79.00	81	44	20	
		504L532	0.218	0.80	0.44	0.012	0.017										302	535	28.0		61.00	72	63	20	
		504L549	0.229	0.72	0.12	0.011	0.015										308	517	29.0		71.00	57	69	20	
		504L550	0.183	0.78	0.15	0.011	0.013										315	534	27.0		77.00	43	67	20	
		604E376	0.195	0.69	0.30	0.020	0.011										285	496	30.0		59.00	56	48	20	
		7041133	0.181	0.87	0.19	0.023	0.011										307	526	29.0		88.00	57	86	20	
		7041137	0.191	1.20	0.42	0.020	0.010										281	518	27.0		65.00	49	77	20	
		704L342	0.186	0.84	0.31	0.019	0.011										288	521	27.0		52.00	55	85	20	
		704L343	0.192	0.72	0.20	0.017	0.010										305	513	30.0		58.00	53	70	20	
		704L344	0.180	0.92	0.27	0.018	0.011										326	481	28.0		48.00	72	54	20	
		704L345	0.181	0.79	0.33	0.019	0.011										300	546	28.0		83.00	42	58	20	
		704L346	0.185	0.97	0.49	0.019	0.011										289	517	26.0		42.00	41	78	20	
		704L347	0.217	0.74	0.30	0.019	0.012										322	500	30.0		83.00	42	58	20	
		704L348	0.198	0.95	0.30	0.020	0.013										318	520	30.0		56.00	52	43	20	
		8041102	0.212	0.71	0.12	0.020	0.012										297	524	28.0		82.00	43	55	20	
		8041103	0.181	0.57	0.06	0.017	0.011										323	531	30.0		87.00	59	78	20	
		8041104	0.186	0.70	0.10	0.020	0.012										290	502	30.0		72.00	89	90	20	
		8041105	0.210	0.69	0.12	0.020	0.012										325	533	28.0		67.00	52	73	20	
		8041106	0.190	0.71	0.21	0.019	0.010										295	493	26.0		58.00	88	70	20	
		8041107	0.210	0.80	0.28	0.019	0.011										328	523	29.0		87.00	63	66	20	
		8041108	0.191	0.69	0.34	0.016	0.009										295	502	27.0		66.00	66	57	20	
		8041129	0.183	0.56	0.20	0.018	0.008										296	546	29.0		64.00	58	90	20	
			F.25.40.40 1.0619										CLOSURE FB F.25.40.40 1.0460												
			LotSN : 6000954																						
		104L558	0.185	0.79	0.28	0.017	0.018										330	526	28.0		48.00	66	54	20	
		104L559	0.201	0.99	0.34	0.019	0.019										324	499	28.0		60.00	83	47	20	
		104L581	0.219	0.91	0.33	0.019	0.018										308	495	27.0		41.00	47	47	20	
		104L582	0.210	0.76	0.23	0.015	0.016										286	482	28.0		78.00	63	49	20	
		2041330	0.190	0.82	0.07	0.019	0.013										293	496	25.0		84.00	49	72	20	



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Marta Berta i Salip
Quality and HSE Manager



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BEAC VALVES

Cliente

SIEKMANN ECONOSTO GmbH & Co. K

Tipo	Type
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F340.221151025S

Cantidad Quantity	40 EA
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[illegible]

Kem Number : 1F30.0017025

Lot/Serial: 6000382

STUDY

242

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BAC VALVES, S.A.



13/06/05



Nuria Berta i Salip
Quality and HSE Manager