
 <b>BAC VALVES</b> 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		<b>CERTIFICADO DE INSPECCIÓN EN 10.204 3.1.B</b> <b>INSPECTION CERTIFICATE ACC. TO EN 10.204 3.1.B.</b> Nº: 26741 Pag. Nº 1 No: 24,000 Page no. 1	
Cliente Customer <b>ECONOSTO NEDERLAND B.V.</b>	Tipo de válvula Valve type <b>F310.221351100S</b> FB PN16 1.0619 304 PTFE FS DN100	Cantidad Quantity <b>18 EA</b>	
Pedido Order <b>26741</b>	Nº de serie Serial number <b>9468206OP</b>	Norma de diseño Design Standard <b>DIN 3357</b>	
Norma de pruebas Test spec. <b>BS EN12266</b>	Presión Pressure <b>24 bar</b>	Observaciones Remarks <b>Pos. 10, Ast.</b> <b>Kennzeichnung: 487010</b>	5001066
Prueba hidrostática del cuerpo (BA) Hydrostatic shell test	Tiempo Duration <b>1 min</b>	Resultado Result <b>OK</b>	
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

CE

**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	N	CE	Yield	Tensile	A	Z	Impact test V1 V2 V3	°C	HB
Item Number : IF40.3322100 F.100.40.16 1.0619 LatSN : 6001049 CLOSURE FB F.100.40.16 1.0619																						
3451		0.200	0.73	0.46	0.017	0.016	0.040	0.041	0.018	0.036	0.002				0.339	322	527	26.0		33.00	36	20
3445		0.190	0.81	0.44	0.016	0.015	0.041	0.040	0.017	0.035	0.002				0.342	314	517	25.0		34.00	31	20
3443		0.190	0.83	0.42	0.015	0.017	0.040	0.042	0.017	0.037	0.003				0.346	313	524	27.0		34.00	37	20
3436		0.220	0.72	0.54	0.017	0.015	0.043	0.040	0.018	0.037	0.002				0.358	327	532	28.0		34.00	37	20
3433		0.220	0.80	0.45	0.016	0.017	0.041	0.040	0.018	0.038	0.003				0.371	323	525	27.0		34.00	36	20
3309		0.200	0.90	0.47	0.015	0.016	0.040	0.041	0.018	0.035	0.003				0.367	325	521	25.0		34.00	36	20
1317		0.210	0.86	0.48	0.021	0.017	0.065	0.021	0.025	0.028	0.002				0.375	323	531	26.0		34.00	36	20
1170		0.210	0.76	0.52	0.028	0.021	0.083	0.051	0.021	0.054	0.003				0.375	329	520	27.0		39.00	42	20
3602		0.200	0.80	0.45	0.015	0.016	0.041	0.042	0.018	0.036	0.002				0.351	320	516	27.0		46.00	37	20
3589		0.190	0.89	0.42	0.016	0.014	0.042	0.040	0.015	0.037	0.001				0.355	302	530	25.0		31.00	35	20
3595		0.200	0.89	0.43	0.017	0.016	0.040	0.042	0.018	0.036	0.002				0.368	326	512	27.0		35.00	30	20
3591		0.200	0.88	0.50	0.017	0.016	0.041	0.043	0.015	0.037	0.001				0.363	310	525	26.0		33.00	31	20
3590		0.210	0.81	0.48	0.018	0.015	0.039	0.041	0.016	0.036	0.002				0.362	316	524	26.0		32.00	36	20
3589		0.190	0.82	0.42	0.014	0.017	0.039	0.041	0.016	0.037	0.002				0.343	312	524	26.0		38.00	31	20
3499		0.200	0.86	0.43	0.018	0.016	0.049	0.036	0.016	0.031	0.003				0.361	322	528	25.0		37.00	34	20
3453		0.220	0.80	0.45	0.016	0.017	0.041	0.040	0.018	0.038	0.003				0.371	323	525	27.0		35.00	40	20
3827		0.220	0.85	0.40	0.017	0.016	0.052	0.046	0.015	0.040	0.002				0.381	329	513	24.0		34.00	36	20
3823		0.220	0.91	0.46	0.020	0.018	0.055	0.037	0.015	0.029	0.002				0.390	312	526	26.0		38.00	33	20
																				34.00	38	20

Tratamiento térmico / Heat Treatment: CF8M/CF3M/CF8/1.4408/1.4308/1.45521.4581: 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-V3JMS-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/CF3/CF3M (ASTM A351-03) .CA15 (ASTM A217-04)/316/316L/304/304L (ASTM A276-04)/A105-N (ASTM A105-03)	BAC VALVES S.A.  Nuria Berta i Salip Quality and HSE Manager 03/06/05
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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 Customer		ECONOSTO NEDERLAND B.V.										F310.221351100S FB PN16 1.0619 304 PTFE FS DN100										Cantidad Quantity		18 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				
3822	0.200	0.92	0.52	0.017	0.015	0.065	0.042	0.017	0.037	0.002				0.375	319	523	27.0		36.00 34 39	20	170				
3813	0.210	0.99	0.47	0.017	0.013	0.049	0.033	0.020	0.038	0.003				0.394	310	526	27.0		36.00 34 39	20	170				
3810	0.210	0.85	0.46	0.019	0.017	0.039	0.042	0.021	0.036	0.003				0.369	322	523	25.0		38.00 33 40	20	172				
3809	0.220	0.96	0.44	0.018	0.015	0.035	0.048	0.017	0.049	0.002				0.397	328	517	27.0		37.00 35 39	20	169				
3808	0.230	0.88	0.43	0.015	0.018	0.044	0.045	0.012	0.039	0.003				0.394	319	524	24.0		38.00 35 37	20	170				
3803	0.220	0.72	0.45	0.015	0.017	0.040	0.041	0.017	0.035	0.003				0.357	314	527	26.0		32.00 36 34	20	170				
3869	0.200	0.89	0.47	0.025	0.012	0.096	0.057	0.028	0.040	0.002				0.380	336	513	25.0		34.00 40 41	20	169				
3865	0.210	0.74	0.45	0.028	0.011	0.101	0.035	0.025	0.025	0.003				0.363	326	524	26.0		41.00 33 38	20	172				
3837	0.198	0.90	0.44	0.029	0.014	0.072	0.030	0.013	0.054	0.002				0.371	318	536	29.0		34.00 37 36	20	174				
3836	0.210	0.89	0.43	0.018	0.011	0.048	0.041	0.017	0.038	0.002				0.377	326	519	25.0		38.00 35 36	20	170				
3835	0.220	0.98	0.48	0.015	0.019	0.069	0.051	0.017	0.043	0.003				0.407	315	529	26.0		34.00 38 40	20	170				
3834	0.220	0.95	0.46	0.017	0.014	0.059	0.037	0.014	0.055	0.001				0.399	309	535	27.0		41.00 35 36	20	170				
3833	0.200	0.93	0.52	0.021	0.016	0.048	0.042	0.022	0.033	0.002				0.374	320	520	26.0		37.00 32 39	20	171				
Item Number : 1F20.0013100		F.100.20		CF8		LoSN : 6000363		BALL		F.100.20		CF8		357		540		53.0		172.00 173		175 20			
BAG		0.057 0.99		1.31 0.039 0.013		19.000 9.840 0.209																			
Item Number : 1F10.3322100		F.100.10.16		1.0619		LoSN : 6001278		BODY FB		F.100.10.16		1.0619													
1530	0.190	0.86	0.49	0.019	0.014	0.089	0.031	0.012	0.040	0.002				0.359	342	518	28.0		36.00 39 40	20	172				
1529	0.200	0.77	0.46	0.021	0.022	0.083	0.065	0.010	0.041	0.003				0.355	335	526	28.0		40.00 39 33	20	172				
1528	0.200	0.77	0.46	0.021	0.022	0.083	0.065	0.010	0.041	0.003				0.355	335	526	28.0		40.00 39 33	20	172				
1526	0.210	0.70	0.52	0.028	0.021	0.073	0.035	0.022	0.054	0.003				0.352	318	538	26.0		41.00 45 44	20	173				
1525	0.190	0.85	0.40	0.017	0.016	0.052	0.040	0.044	0.035	0.001				0.356	326	527	27.0		38.00 41 43	20	171				
1524	0.200	0.87	0.41	0.025	0.020	0.067	0.029	0.016	0.038	0.003				0.367	320	531	28.0		42.00 43 36	20	173				
1322	0.210	0.82	0.49	0.015	0.017	0.042	0.040	0.018	0.039	0.004				0.365	317	525	26.0		39.00 30 36	20	171				
1315	0.220	0.89	0.49	0.015	0.016	0.039	0.043	0.015	0.037	0.003				0.385	320	524	27.0		37.00 31 34	20	172				
2678	0.200	0.78	0.44	0.027	0.024	0.082	0.049	0.022	0.044	0.002				0.357	324	516	29.0		44.00 40 41	20	173				
2676	0.200	0.76	0.46	0.013	0.019	0.071	0.027	0.049	0.037	0.002				0.355	315	530	24.0		39.00 42 43	20	168				
2675	0.190	0.84	0.46	0.014	0.017	0.084	0.028	0.053	0.064	0.003				0.364	324	532	26.0		41.00 38 36	20	171				
2673	0.200	0.72	0.41	0.023	0.016	0.077	0.051	0.016	0.028	0.003				0.344	328	523	28.0		39.00 43 37	20	172				
2618	0.200	0.78	0.44	0.027	0.024	0.082	0.049	0.022	0.044	0.002				0.357	324	516	29.0		44.00 40 41	20	173				
2615	0.190	0.84	0.46	0.014	0.017	0.084	0.028	0.053	0.064	0.003				0.364	324	532	26.0		41.00 38 36	20	171				
2548	0.220	0.89	0.47	0.024	0.018	0.081	0.023	0.015	0.030	0.001				0.391	327	528	26.0		37.00 42 40	20	170				
1531	0.190	0.72	0.50	0.015	0.018	0.043	0.042	0.017	0.033	0.002				0.327	319	526	25.0		33.00 32 37	20	178				
4779	0.200	0.76	0.47	0.024	0.017	0.095	0.024	0.066	0.039	0.003				0.364	325	521	27.0		39.00 36 43	20	170				
4778	0.190	0.86	0.44	0.020	0.015	0.095	0.095	0.062	0.015	0.001				0.372	323	527	24.0		36.00 34 39	20	170				



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Nº: 26741 24,000  
Page no. 3

Cliente  
Customer

ECONOSTO NEDERLAND B.V.

Tipo  
Type

F310.221351100S  
FB PN16 1.0619 304 PTFE FS DN100

Cantidad  
Quantity

18 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
3815	0.210	0.91	0.49	0.017	0.015	0.040	0.042	0.016	0.036	0.003	0.379	325	518	27.0	30.00	36	31	20	170		
3812	0.190	0.84	0.41	0.018	0.016	0.039	0.041	0.017	0.038	0.002	0.347	309	525	25.0	33.00	37	32	20	168		
3811	0.220	0.96	0.46	0.018	0.017	0.043	0.040	0.016	0.037	0.002	0.397	327	512	28.0	39.00	32	36	20	174		
3476	0.220	0.84	0.47	0.015	0.016	0.041	0.039	0.017	0.037	0.003	0.377	337	522	27.0	39.00	36	32	20	172		
2699	0.190	0.87	0.46	0.013	0.017	0.065	0.022	0.037	0.025	0.001	0.359	316	523	25.0	42.00	40	34	20	171		
2679	0.200	0.81	0.44	0.012	0.018	0.074	0.029	0.037	0.034	0.001	0.362	321	528	27.0	37.00	35	39	20	170		
Item Number : 1F30.0018080	F.80.30	304	Lot/SN : 6000381										STEM	F.80.30	304	303	555	53.0	20	174	
865593	0.023	1.50	0.32	0.030	0.030	18.150	8.000														



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