

**AF**  
**FORGED STEEL VALVES**

**HEAD OFFICE AND PLANT**  
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**REGISTERED IMPRESA** BG 03076750169 - R.E.A. 347477  
**VAT Registration Number:** IT 03076750169  
 Soggetta all'aliquota di esenzione e coordinamento da parte della società ALBEL srl Reg. Imp. BG n° 12005260169

OUR JOB N° **040791** POSITION **005**  
 YOUR P.O. N° **90021150P/STOCK-DIN-GLOBE**

ITEM **5** Q.TY **36**  
**300**

DESCRIPTION  
**GLOBE VALVE OS#Y BB FB FL DIN**  
**DN25 " C22.8/1.4006"/INT+13Cr PN40 FORM B1**  
**4B SK 215 FORM B1**

TAG  
 DAVR418001E001

TEST PRESSURES		TEST RESULT	
BAR	PSI	HYDROSTATIC AND PNEUMATIC	CONFORM
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HYDROSTATIC BODY & BACKSEAT	PNEUM. SEAT		
60	45	6	

NOTES  
 \* HARD FACING OVERLAY: AWS R Co Cr A (STELLITE GR. 6)  
 MATERIAL ACCORDING TO AD2000-MERKBLATT A4

V15046 V15081 V15082 V15083 V15085  
 V15088 V43080 V81008 V82011 V82021  
 V82033 V82041 V82053 V84033 V84034  
 V84092 V84093 V87020 V87021 V87060  
 V87061 V87062 V87063 V87064 V88083  
 V88084 V88085 V88086 V88087 V88088  
 V88089 V88090 V90081 V90082 V90083  
 V90085

INSPECTION CERTIFICATE according to <input checked="" type="checkbox"/> UNI EN 10204 - 3.1 B <input type="checkbox"/>		CERTIFICATE N° <b>C 040791-005/01</b> Page No. 001 / 001												
TEST PROCEDURE & SPECIFICATION <input checked="" type="checkbox"/> API 598 <input checked="" type="checkbox"/> ANSI/ASME B 16.34 <input type="checkbox"/> <input checked="" type="checkbox"/> MSS SP.61 <input checked="" type="checkbox"/> BS 6755 <input type="checkbox"/> <input checked="" type="checkbox"/> DIN 3230 T.3 <input type="checkbox"/>		CUSTOMER <b>SIEKMANN ECONOSTO GMBH &amp; CO. KG</b> <b>FREIGRAFENWEG 2</b> <b>D-44357 DORTMUND 0</b>												
CHEMICAL ANALYSIS														
PART NAME	MATERIAL	C	Mn	Si	N	S	P	Cr	Mo	Ni	Ti	Cu	Fe	MILL #
HEAT CODE	HEAT NR	Al	Co	N	V	12 JOULE	1 JOULE	Sn	CE	Nb+Ta				
MECHANICAL PROPERTIES. IMPACT TESTS														
TENSILE		Yield N/mm <sup>2</sup>		ELONGATION RED. OF AREA		1 JOULE		12 JOULE		TEST TEMP.		HARDNESS		
BONNET	DIN 17243 (1.0460) C22.8	0.181	0.848	0.199	0.003	0.006	0.085	0.023	0.139	0.238				020094
B-CUO	131373	0.023	0.001	0.001	0.001	0.015	0.370			0.006				
BOLTS	EN 10269 (1.7709) 21CrMoV 5.7	507.00	348.00	27.75	86.94									157.00
STEM	006235	787.00	715.00	18.70	68.00									
DISC	EN 10272 (1.4006) X12Cr13	0.111	0.390	0.480	0.022	0.016	12.140			0.340				020790
BODY	239019	710.00	655.00	20.00	68.00									
B-DCC	DIN 17243 (1.0460) C22.8	0.207	0.842	0.230	0.001	0.006	0.099	0.025	0.145	0.004	0.267			020302
BONNET	DIN 17243 (1.0460) C22.8	0.035	0.001	0.001	0.001	0.002	0.021	0.383	0.010					
B-AFR	29642885	509.00	357.00	27.40	55.11	112	120	118	-20.00	161.00				011147
		0.181	0.890	0.257	0.007	0.011	0.030	0.002	0.020	0.060				
		0.031	0.002	0.001	0.004									
		480.60	313.50	28.40	68.40	173	177	170	20.00	129.00				

We declare that this product has been manufactured in accordance with the 'Sound Engineering Practices' as per European Directive 97/23/EC - PED Article 3.3.

EACH SINGLE COMPONENT OF THE VALVE WHICH IS MENTIONED IN THIS CERTIFICATE HAS BEEN MANUFACTURED, HEAT TREATED AND TESTED FULLY IN ACCORDANCE WITH ITS OWN MATERIAL SPECIFICATION AS ABOVE INDICATED

THE REPORTED VALUES ARE STRICTLY IN ACCORDANCE WITH THE ORIGINAL MILL CERTIFICATES

THIRD AUTHORITY

CLIENT INSPECTION DEPT

INSPECTION DEPT.

**ACHILLES**  
**APIOR**  
**REGISTERED FIRM**  
**ISO 9001**  
**ISO REG. N° 0357**

**TUV**  
**ACCREDITED**  
**ANSI-RAB**  
**QMS**

**LVF S.p.A.**  
 Quality Control Dept.

DATE

DATE

DATE 19/11/2004