

**AF**

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**FORGED STEEL VALVES**

Cod. Fisc. e P.IVA 03076750169 - Cap. Soc. € 8.000.000,00 i.v.  
Registro Imprese BG 03076750169 - R.E.A. 347477  
VAT Registration Number: IT 03076750169  
Soggetta all'attività di direzione e coordinamento della società ALISEL srl Reg. Imp. BG n° 025630169

OUR JOB N° **045866** POSITION **002** QTY **15**

YOUR P.O. N° **90044950P**

ITEM: 2  
**42**

**DESCRIPTION**  
**GLOBE VALVE OS#Y BB FB**  
**1/2" A105N/F6/INT\* 800 LBS NPT**  
**B 213 R.1 /F**

TEST PRESSURES ☒ BAR ☐ PSI

TEST RESULT  
TEST HYDROSTATIC AND PNEUMATIC  
PNEUM. SEAT  
BODY & BACKSEAT  
210 155 6

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



**INSPECTION CERTIFICATE according to**

☒ UNI EN 10204 - 3.1 B ☐

**TEST PROCEDURE & SPECIFICATION**

☒ API 598 ☒ ANSI/ASME B 16.34 ☐  
☒ MSS SP 61 ☒ BS 6755 ☐  
☐ DIN 3230 T.3 ☐

**CERTIFICATE**

N° **C 045866-002/01**

**CUSTOMER**

**SIEKMANN ECONOSTO GMBH & CO. KG**  
**FREIGRAFENWEG 2**  
**D-44357 DORTMUND ()**

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**CHEMICAL ANALYSIS**

C	Mn	Si	S	P	Cr	Mo	Ni	Ti	Cu	Fe	MILL #
Al	Co	N	V	Nb	Sn	CE	Nb+Ta				

**MECHANICAL PROPERTIES. IMPACT TESTS**

TENSILE N/mm <sup>2</sup>	YIELD N/mm <sup>2</sup>	ELONGATION % (D5.65)	RED OF AREA % (D5.65)	1 JOULE	2 JOULE	3 JOULE	TEST TEMP	HARDNESS HB
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BONNET	A105N	0.200	1.010	0.220	0.025	0.023	0.140	0.010	0.080	0.012	0.300	020755
B-DDM	0478183	0.005			0.003	0.002	0.012	0.408				
BOLTS	A193 B7	554.00	374.00	31.43	59.04					157.00		
	AP3147	0.395	0.750	0.200	0.005	0.008	0.990	0.230				020853
STEM	A479 Tp410	985.00	894.00	18.90	55.50							
	472111	0.110	0.560	0.400	0.020	0.022	12.120	0.020	0.120	0.040		020789
DISC	A479 Tp410	725.00	708.00	20.20	67.12					214.00		
	239019	0.111	0.390	0.480	0.022	0.016	12.140		0.340			020790
BODY	A105N	710.00	655.00	20.00	68.00					216.00		
B-CZR	0376085	0.195	0.920	0.170	0.007	0.012	0.070	0.010	0.050	0.021	0.160	019895
		0.020			0.022	0.000	0.007	0.388				
		533.00	359.00	34.40	61.67					154.00		

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

THIRD AUTHORITY  
CLIENT INSPECTION DEPT  
INSPECTION DEPT.

**Achilles** **STOOMWEZEN** **APIQ** **REGISTERED FIRM** **ISO 9001** **ISO REG. N° 0357**

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

DATE 18/12/2004