



**HEAD OFFICE AND PLANT**  
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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 al sistema di certificazione di parte della società ALBEL srl Reg. Imp. BG n° 02803260169

**INSPECTION CERTIFICATE according to**  
☒ UNI EN 10204 - 3.1 B ☐

**CERTIFICATE**  
N° **C 040791-005/01**  
Page No. 001 / 001

**CUSTOMER**  
**SIEKMANN ECONOSTO GMBH & CO. KG**  
**FREIGRAFENWEG 2**  
**D-44357 DORTMUND 0**

**TEST PROCEDURE & SPECIFICATION**  
☒ API 598 ☒ ANSI/ASME B 16.34 ☐  
☒ MSS SP.61 ☒ BS 6755 ☐  
☒ DIN 3230 T.3 ☐

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

**POSITION**  
**005**

ITEM **5** Q.TY **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  
☒ BAR ☐ PSI

TEST RESULT  
HYDROSTATIC AND PNEUMATIC  
☒ CONFORM ☐ NOT CONFORM

VISUAL AND DIMENSIONAL TEST  
☒ CONFORM ☐ NOT CONFORM

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

**COMPONENT**  
PART NAME MATERIAL HEAT NR  
BONNET DIN 17243 (1.0460) C22.8  
B-CUO 131373  
BOLTS EN 10269 (1.7709) 21CrMoV 5.7  
006235  
STEM EN 10272 (1.4006) X12Cr13  
239019  
DISC EN 10272 (1.4006) X12Cr13  
072041  
BODY DIN 17243 (1.0460) C22.8  
B-DCC 141200  
BONNET DIN 17243 (1.0460) C22.8  
B-AFR 29642885

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

**MECHANICAL PROPERTIES. IMPACT TESTS**  
TENSILE YIELD N/mm<sup>2</sup> ELONGATION RED. OF AREA % 1 JOULE 2 JOULE 3 JOULE TEST TEMP. HARTNESS HB

0.181 0.848 0.199 0.003 0.006 0.085 0.023 0.139 0.238  
0.023 507.00 348.00 27.75 86.94 0.001 0.015 0.370 0.006  
0.220 0.570 0.290 0.004 0.005 1.300 0.710 157.00  
787.00 715.00 18.70 68.00  
0.111 0.390 0.480 0.022 0.015 12.140 0.340  
710.00 655.00 20.00 68.00 216.00  
0.105 0.570 0.330 0.020 0.018 12.250 0.030 0.250 0.070  
0.005 0.052  
668.00 481.00 22.20 72.10 222.00  
0.207 0.842 0.230 0.001 0.006 0.099 0.025 0.145 0.267  
0.035 509.00 357.00 27.40 55.11 112 120 118 -20.00 161.00  
0.181 0.890 0.257 0.007 0.011 0.030 0.002 0.020 0.060  
0.031 480.60 313.50 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 Practice' 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, tested 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  
DATE

CLIENT INSPECTION DEPT  
DATE

INSPECTION DEPT.  
DATE 19/11/2004

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

**TUV**  
ACCREDITED  
ANSI-RAB  
QMS