



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 all'art. 1 del D.Lgs. n. 286/1997 art. 101 c. 1 lett. a) del D.Lgs. n. 286/1997

OUR JOB N° **040791** POSITION **005**

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

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		TEST RESULT	
<input checked="" type="checkbox"/> BAR	<input type="checkbox"/> PSI	TEST	<input checked="" type="checkbox"/> CONFORM
HYDROSTATIC	PNEUM.	HYDROSTATIC	<input type="checkbox"/> NOT CONFORM
		PNEUMATIC	<input type="checkbox"/> NOT CONFORM
BODY & BACKSEAT	SEAT	VISUAL AND DIMENSIONAL	<input checked="" type="checkbox"/> CONFORM
60	45	TEST	<input type="checkbox"/> 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

INSPECTION CERTIFICATE according to

☒ UNI EN 10204 - 3.1 B ☐

CERTIFICATE

N° **C 040791-005/01**

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TEST PROCEDURE & SPECIFICATION

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

CUSTOMER

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

COMPONENT

PART NAME MATERIAL

HEAT NR

BONNET
C22.8
131373

BOLTS
EN 10269 (1.7709)
21CrMoV 5.7

STEM
EN 10272 (1.4006)
X12Cr13

DISC
EN 10272 (1.4006)
X12Cr13

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 Cr Mo Nb Sn Cu Fe

Al Co Ni Nb CE

Yield N/mm²

0.181 0.848 0.199 0.003 0.006 0.085 0.023 0.139

0.023 0.001 0.001 0.015 0.370 0.006

507.00 348.00 27.75 66.94 157.00

0.220 0.570 0.290 0.004 1.300 0.710

787.00 715.00 18.70 68.00

0.111 0.390 0.480 0.022 0.016 12.140

710.00 655.00 20.00 68.00

0.105 0.570 0.330 0.020 0.018 12.250

0.005 0.052

668.00 481.00 22.20 72.10

0.207 0.842 0.230 0.001 0.006 0.099

0.035 0.001 0.002 0.021 0.383 0.010

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

0.031 0.002 0.001 0.004

480.60 313.50 28.40 68.40 173 177 20.00 129.00

MECHANICAL PROPERTIES. IMPACT TESTS

ELONGATION (RED. OF AREA) 1 JOULE 2 JOULE 3 JOULE

0.003 0.006 0.085 0.023 0.139

0.001 0.001 0.015 0.370 0.006

0.004 0.005 1.300 0.710

0.280

68.00

0.022 0.016 12.140

68.00

0.020 0.018 12.250

0.052

72.10

0.001 0.006 0.099 0.025 0.145 0.004 0.267

0.001 0.002 0.021 0.383 0.010

55.11 112 120 118 -20.00 161.00

0.007 0.011 0.030 0.002 0.020

0.002 0.001 0.004

68.40 173 177 20.00 129.00

TESTING

TEST TEMP. HARDNESS

0.139 0.006 157.00

0.710