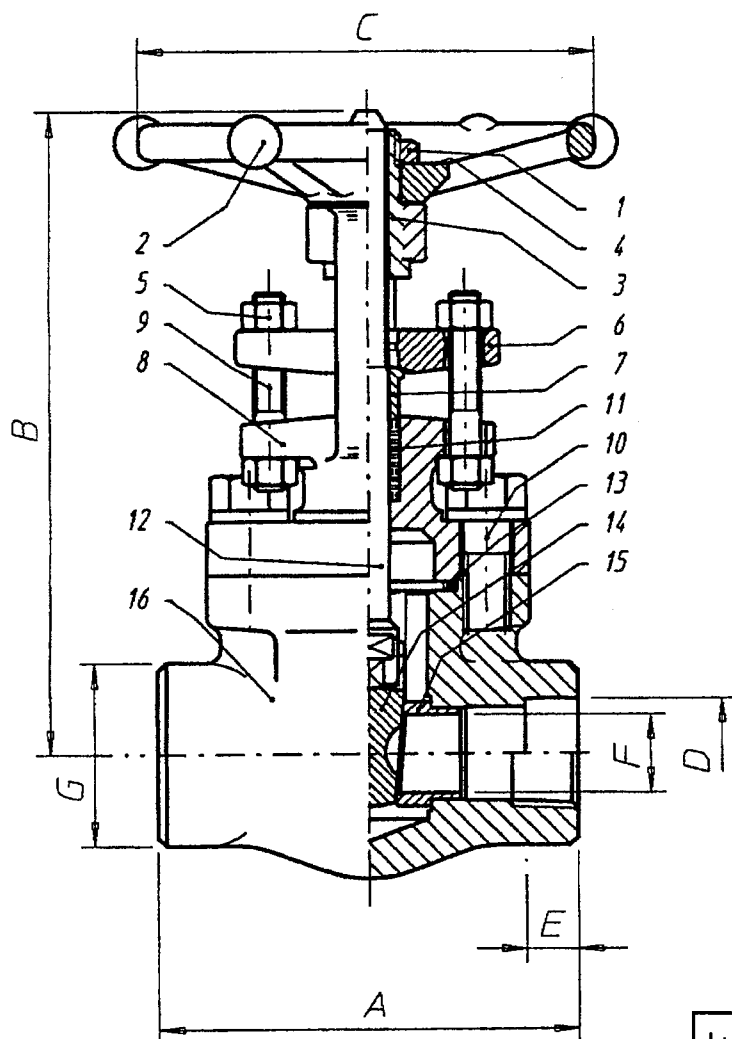




POS	PART NAME	MATERIAL
1	Dado volantino HANDWHEEL NUT	CARBON STEEL
2	Volantino HANDWHEEL	ASTM A105
3	Madrevite YOKE SLEEVE	AISI 416
4	Targhetta NAME PLATE	ALUMINIUM
5	Dado premitreccia GLAND NUTS	ASTM A194 8M
6	Flangia premitrec. GLAND FLANGE	ASTM A182 F316-L
7	Premitreccia PACKING GLAND	UNS S31603
8	Coperchio BONNET	ASTM A182 F321-H
9	Tiranti premitreccia GLAND STUDS	ASTM A193 B8M CL.1
10	Bulloni C/C B/B BOLTS	ASTM A193 B8M CL.1
11	Baderna PACKING	GRAFOIL WITHOUT PTFE
12	Stelo STEM	ASTM A479 321-H
13	Guarnizione spirale SPW GASKET	F316L + GRAPHITE
14	Otturatore solido SOLID WEDGE	A182 F321-H / ST.6
15	Seggio SEAT RINGS	A479 321-H / ST.6
16	Corpo BODY	ASTM A182 F321-H

Lurgi order 4569241-002, Zagros II
Pos. 00020 + 00030

1) SOCKET WELDING ENDS ACCORDING TO ANSI B16.11
X SCREWED ENDS ACCORDING TO ANSI B1.20.1 (NPT) -

ACCORDING TO NACE: MR 0175 ED.2002, MR 0103

SIEMANN econosto
ROYAL ECONOSTO GROUP

SIZE	1/2"	3/4"	1"	1.1/2"	2"
A	90	110	127	127	210
B open	152	190	220	282	345
C	88	97	138	138	172
D	21.7	27.1	33.8	48.6	61.1
E	12.7	14.3	15.8	19	22.2
F	9.6	14	18	30	36.6
G	38	48	56	78	85
WEIGHT kg-	2.4	3.9	6.1	10.8	14.2
FIGURE N°	9HL 103	9HL 104	9HL 105	9HL 107	9HL 108
ITEM	XXX103	XXX104	XXX105		

B.F.E. SpA
BONNEY FORGE
VALVE LICENSEE

Draw.: M.Teli 21.3.95
Appr.: P.Gargiulo 21.3.95
Revisions

COMPANY
WITH

QUALITY SYSTEM
CERTIFIED BY DNV
=ISO 9001=

Title : GATE VALVE B.B. O.S. & Y
CLASS 1500 lbs - REDUCED BORE

Reference
specification

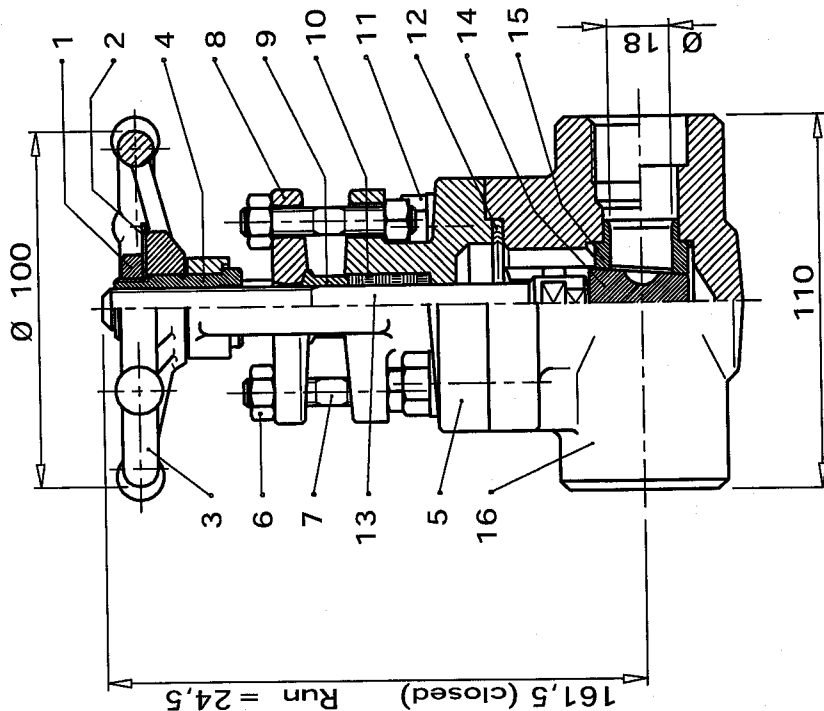
Drawing N°:

9HL 100 038

API 802

F321-H/F321-H* 1500 LBS

CUSTOMER : i
P.O. NUMBER : 5728
TAG NR :
BFE JOB NR : 041777



POS	PART NAME	MATERIAL	No.
1	NUT	A479 Tp316	1
2	NAMEPLATE	STAINLESS STEEL	1
3	HANDWHEEL	ASTM A105N RILSAN	1
4	YOKE SLEEVE	AISI416	1
5	BONNET	A182 F321	1
6	GLAND NUT	A194 Gr.8	2
7	GLAND STUD	A193 B8	4
8	GLAND FLANGE	A479 TP321	1
9	PACKING GLAND	A479 TP321	1
10	PACKING	GTJ+TE.GRAFITE	1
11	BOLTS	A193 B8	4
12	GASKET	A479 Tp316 GRAPHITE	1
13	STEM	A479 TP321	1
14	WEDGE	A479 TP321	1
15	SEAT	A479 TP321	2
16	BODY	A182 F321	1

Order No.:4569241-002

Item No.:040

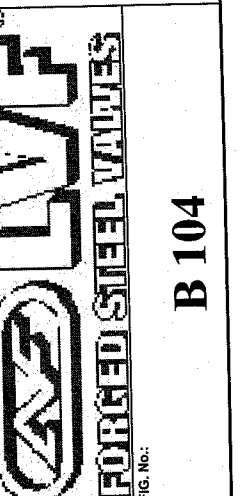
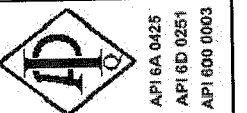
ID No.:S 650

General Notes

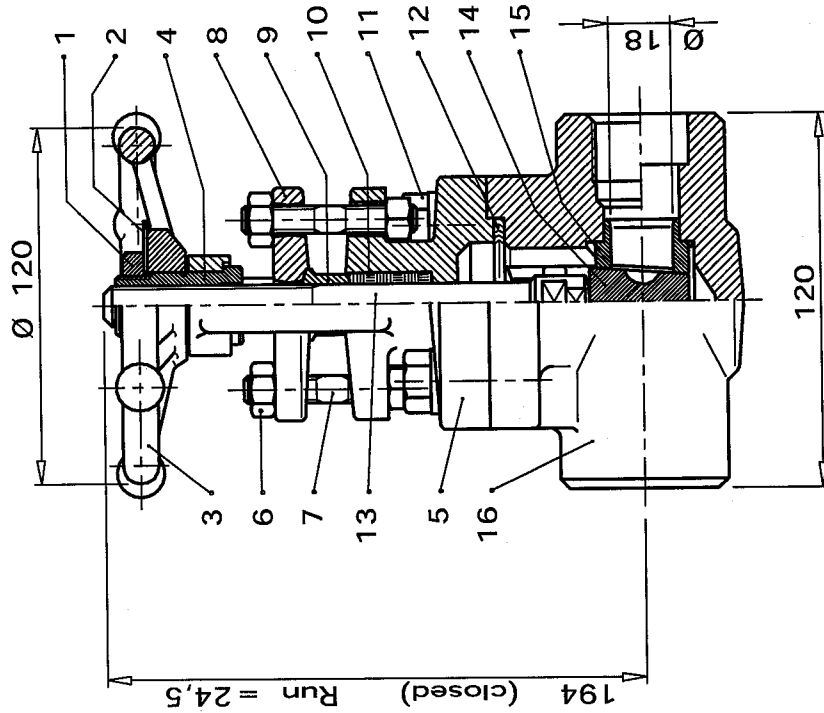
-SW ACCORDING TO ANSI B16.11.

REV.	DATE:	REV.	DATE:	REV.	DATE:	REV.	DATE:
0	22/08/2005						

CUSTOMER: SIEKMANN ECONOSTO GMBH &		DESCRIPTION: GATE VALVE OS#Y BB FB	
P.O. No.: 90081520P		3/4" F321/F321 800 LBS SW	
TAG No.: S 650 - 00040		CLASS: 800	
ITEM No.: 3		SIZE: 3/4"	
DOCUMENT: 051068		WEIGHT: 3,6 KG.	



POS. 003
JOB: 051068



POS	PART NAME	MATERIAL	No.
1	NUT	A479 Tp316	1
2	NAMEPLATE	STAINLESS STEEL	1
3	HANDWHEEL	ASTM A105N RILSAN	1
4	YOKE SLEEVE	AISI416	1
5	BONNET	A182 F321	1
6	GLAND NUT	A194 Gr.8	4
7	GLAND STUD	A193 B8	2
8	GLAND FLANGE	A479 TP321	1
9	PACKING GLAND	A479 Tp316	1
10	PACKING	GTJ-TE.GRAFITE	1
11	BOLTS	A193 B8	4
12	GASKET	A479 Tp316 GRAPHITE	1
13	STEM	A479 TP321	1
14	WEDGE	A479 TP321	1
15	SEAT	A479 TP321	2
16	BODY	A182 F321	1

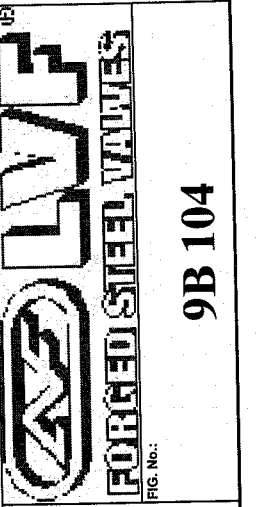
Order No.:4569241-002
Item No.:050
ID No.:S 650

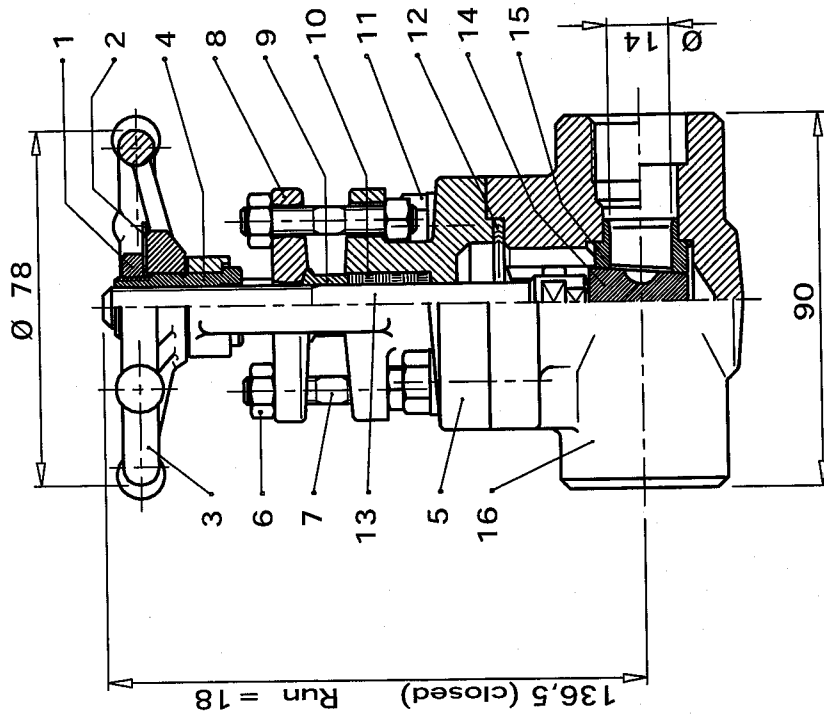
General Notes
-SW ACCORDING TO ANSI B16.11.

REV.	DATE:	REV.	DATE:	REV.	DATE:	REV.	DATE:
0	22/08/2005						
CUSTOMER: SIEKMANN ECONOSTO GMBH & P.O. No.: 90081520P TAG No.: S 650 - 00050 ITEM No.: 4 DOCUMENT: 051068							
SHEET: 004							

DESCRIPTION: GATE VALVE OS&Y BB FB 3/4" F321/F321 1500 LBS SW		CLASS: 1500	SIZE: 3/4"	WEIGHT: 5,4 KG.
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DRAW: RAOUL-PARSAN	CHECKED: Fogaroli
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POS	PART NAME	MATERIAL	No.
1	NUT	A479 TP316	1
2	NAMEPLATE	STAINLESS STEEL	1
3	HANDWHEEL	ASTM A105N RILSAN	1
4	YOKE SLEEVE	AISI416	1
5	BONNET	A182 F321	1
6	GLAND NUT	A194 Gr.8	4
7	GLAND STUD	A193 B8	2
8	GLAND FLANGE	A479 TP321	1
9	PACKING GLAND	A479 TP316/L	1
10	PACKING	P.T.F.E.	1
11	BOLTS	A193 B8	4
12	GASKET	A479 TP316 P.T.F.E.	1
13	STEM	A479 TP321	1
14	WEDGE	A479 TP321	1
15	SEAT	A479 TP321	2
16	BODY	A182 F321	1

Order No.:4569241-002

Item No.:060

ID No.:S 652

General Notes

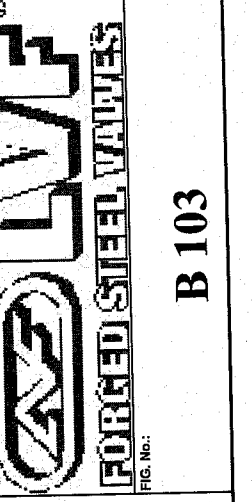
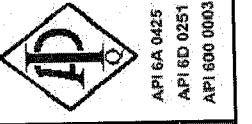
-SW ACCORDING TO ANSI B16.11.

-OXYGEN SERVICE

REV.	DATE:	REV.	DATE:	REV.	DATE:
0	DATE: 22/08/2005	1	DATE: 23/08/2005		
CUSTOMER: SIEKMANN ECONOSTO GMBH &					
P.O. No.: 90081520P					
TAG No.: S 652 - 00060					
ITEM No.: 5					
DOCUMENT: 051068					
SHEET: 005					

DESCRIPTION:		GATE VALVE OS#Y BB FB	
		1/2" F321/F321 800 LBS SW	
CLASS:	800	SIZE:	1/2"
WEIGHT:	2	KG:	

DRAW: RAOUL-PARSAN
CHECKED: Fogaroli



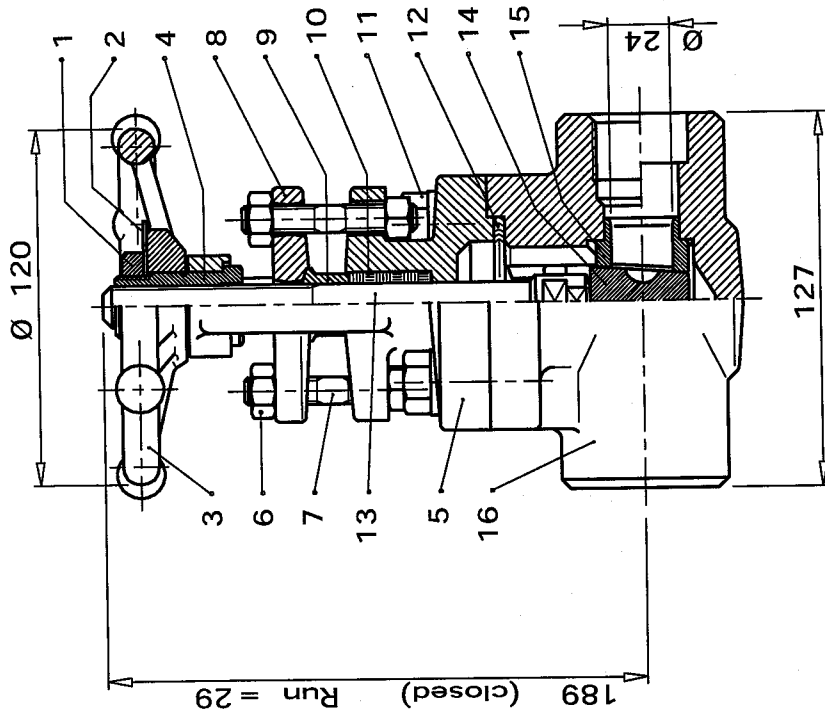
B 103

FIG. No.:

JOB:

051068

Pos. 005



POS	PART NAME	MATERIAL	No.
1	NUT	A479 TP316	1
2	NAMEPLATE	STAINLESS STEEL	1
3	HANDWHEEL	ASTM A105N RILSAN	1
4	YOKE SLEEVE	AISI416	1
5	BONNET	A182 F321H	1
6	GLAND NUT	A194 Gr.8	4
7	GLAND STUD	A193 B8	2
8	GLAND FLANGE	A479 TP321	1
9	PACKING GLAND	A479 TP316	1
10	PACKING	P.T.F.E.	1
11	BOLTS	A193 B8	4
12	GASKET	A479 TP316 P.T.F.E.	1
13	STEM	A479 TP321	1
14	WEDGE	A479 TP321	1
15	SEAT	A479 TP321	2
16	BODY	A182 F321	1

Order No.:4569241-002

Item No.:070

ID No.:S 652

General Notes

-SW ACCORDING TO ANSI B16.11.

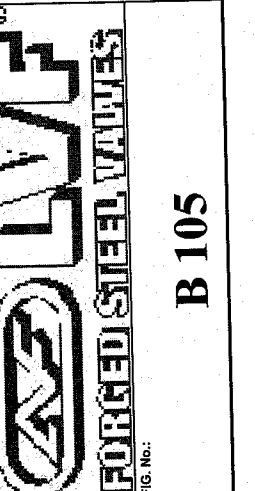
-OXYGEN SERVICE

REV.	DATE	REV.	DATE	REV.	DATE
REV. 0	DATE: 22/08/2005	REV. 1	DATE: 23/08/2005	REV. 2	DATE:
DOCUMENT: 051068					
SHEET: 006					
CUSTOMER: SIEKMANN ECONOSTO GMBH &					
P.O. No.: 90081520P					
TAG No.: S 652 - 00070					
ITEM No.: 6					

DESCRIPTION:		GATE VALVE OS&Y BB FB	
1" F321/F321		800 LBS SW	
CLASS:	800	SIZE:	1"
WEIGHT:	5,3	KG:	

DRAW: RAOUL-PARSAN

CHECKED: Fogaroli



051068

006