TECHNICAL SPECIFICATION	SPEC NO : 2080253
	SHEET NO: 1 of 5

DESCRIPT	rion: V	ALVE CYL	FLAM DUAI	DORT DIN	1 1934	133D		COMPILED	: R Good	lhall
TITLE: CYLINDER VALVE CEODEUX, FLAMMABLES, TIED						DATE	: 24-11-	97		
	DIAPHRAGM, HANDWHEEL, DUAL PORT, EN 629-1 25E x DIN 477 No 1 (1934133D)						V200 NO	: -		
PRESSURE 200B DEGREASE Y QUALITY LEVEL: 3						CHECKED	: -			
UNIT: SPECIALITY GASES							DES AUTH	: -		
ISS NO	V300	DATE		REVISI	ON			ВУ	CHKD	DES AUTH
1	_	_	ORIGINAL					_	_	_
2	3720	25-10-04	Re-writt	en, Valve	Data	sheet	&	KSH	MEN	DWB
			drawing	added.						
mbia Co		<u> </u>	+ho ~			-a +b-	~	onerty of	DOC LIMITED	ID and all

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BOC GASES ENGINEERING

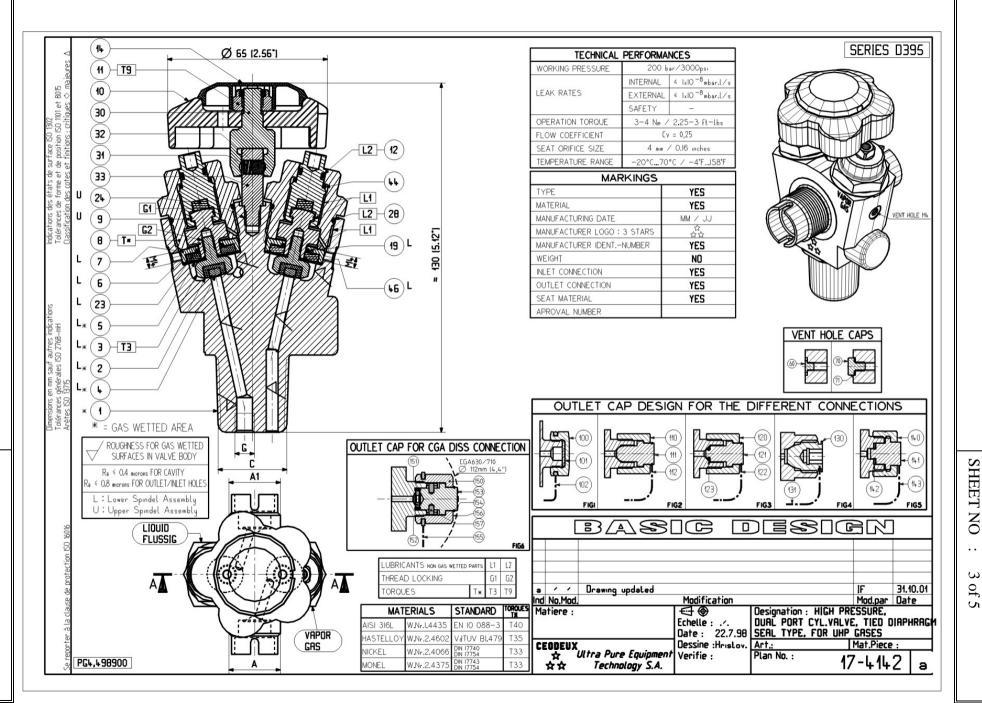
SPEC NO : 2080253

TECHNICAL SPECIFICATION	SPEC NO : 2080253		
	SHEET NO: 2 of 5		
COMPANY GASES EUROPE 2 MPR/ NRV 1 h/wheel top 2 side outlet 2 packed do	1 3 3 9 3 E D o safety 1 Male RH 1 LT Brass A B C D greened RH 2 HT Brass Tapped Electro Cean Cap, flety device 3 Male LH 3 SS 316L Outlet polish Room nut,		
Gas Service FLAMMABLES reducing 3 actuated 9 Other 4 tied 9 Other 9 Other diaphragm 9 Other 9 Other	4 Female LH 4 SS Other Assy chain 5 Pin Index 5 Nickel 6 DIS 6 Hastalloy 9 Other 9 Other		
Manufacturer's Name & Part Number PART No 49890900007	BOC Part No. 2080253		
DATA SHEET APPROVED: No: Yes CHECKED BY:	DATE:		
BOC VALVE FAMILY a Type: Simple: ✓ MPR/NRV: Pressure Reducing: b Operating Mechanism: Handwheel: ✓ Key: Actuated: c Outlet Orientation: Top: Side: Multi: d Gland Seal mechanism: Diaphragm: Packed: O-Ring:	Other: SERVES TWO MECHANISMS Outlet Cap: Tied Diaphragm: Other: Other:		
e Safety Devices: Burst disc: No ✓ Yes Setting Barg Fusible element: No ✓ Yes Setting C Relief valve: No ✓ Yes Pressure Barg Excess flow valve: No ✓ Yes Max flow litres	°F		
f Outlet Thread National Standard & Reference: DIN477 No 1 (2 OFF)	Outlet Type: MALE LH		
g Valve body material: STAINLESS STEEL Specification:	AISI 316L		
SERVICE Working Pressure: 200 Barg at: 15 °C Reference temp Outlet Pressure: Nominal 200 Barg Min VAC Barg Valve operating temperature range: Min -20 °C	Max 240 Barg Max 60 °C		
	De maintainable? No Yes ✓		
Valve Seal: Hard Soft Material Specification: PCTF	F		
Inlet Thread National Standard & Reference: EN629-1 25E			
Outlet flow restrictor tapping: No Yes Tapping Thread of Dip tube tapping: No Yes Fixing: 1/4" BSP Spindle key operation: No Yes 9/32" square:	lesignation: Other IN LIQUID PHASE PORT ISO407:		
	WHITE / BOC LOGO (RED)		
	ve Serial numbers: No: V Yes:		
Clean room assembly: No Yes Clean to Oxyge	en service standard: No: 🗸 Yes:		
OTHER REQUIREMENTS Dual port valve, two mechanisms operated by a co	entrally stowed handwheel,		
2 Capnuts			

BOC GASES ENGINEERING

SPEC NO : 2080253





TECHNICAL SPECIFICATION

SHEET NO SPEC NO . .

2080253

TECHNICAL SPECIFICATION

SPEC NO : 2080253

Page: 1 / 2

SHEET NO: 4 of 5

ROLAND. Rev 0 21.11.2001

HIGH PRESSURE STAINLESS STEEL DUAL PORT CYLINDER VALVE,

Customer: BOC EUROPE

Series: D395 1 CEODEUX part- nbr: 49890900007 Drwg.Nbr: 17-4142a Customer part- nbr : 12080253

TIED DIAPHRAGM SEAL TYPE FOR UHP GASES

Connections:

Inlet connection: C = 25E / EN629-1

Outlet connection: $A = DIN477-1 N^{\circ}1 (Vapor)$

Outlet connection: $A1 = DIN477-1 N^{\circ}1$ (Liquid)

Dip tube thread: $G = \frac{1}{4}$ BSP

Markings:

Manufacturing date; logo: 3 stars;

Indentification number;

Type: 498909;

Material: 316L;

Inlet connection: **25E**; Outlet connection A: **DIN-1**;

Outlet connection A1: **DIN-1**;

Seat material: **PC**; Weight: ...grs;

Approved acc. TPED: π

Customer reference: 2080253, BOC;

Pos.	Nbr.	ArtNbr.	Name of part	Material	Remarks
1	1		Body	St.Steel AISI 316L	*
8	2		Gland	St.Steel AISI 303	
10	1		Handwheel	Aluminium	Color red
11	1		Nut	Steel nickel plated	
12	2		O-Ring	Nitril rubber	
14	1		Cap with BOC gases	Plastic PE	Color white
28	2		O-Ring	Nitril rubber	
30	1		Bush	Brass nickel plated	
31	1		Spring	Steel	
32	1		Ball	St. Steel	
33	1		Stem	St.Steel AISI 303	
44	2		Washer	Nylon	
60	1		Vent hole cap	PE	
	2		Assembly L		
	2		Assembly U		
	1		Outlet cap/ plug and		

Assembly L:

Pos.	Nbr.	ArtNbr.	Name of part	Material	Remarks
2	1		Seat disc	PCTFE	*
3	1		Spindle	St.Steel AISI 316L	*
4	1		Plug	St.Steel AISI 316L	*
5	2		Diaphragm	Hastelloy C-276	* Welded
6	1		Spindle	St.Steel AISI 303	
7	1		Mounting	St.Steel AISI 303	
19	1		Back-up ring	PTFE, Glass fiber filled	
23	1		Washer	Special rubber	
46	3		Washer	Copper berylium	

ROLAND. Rev 0 21.11.2001 Page: 2 / 2

BOC GASES ENGINEERING

SPEC NO : 2080253

TECHNICAL SPECIFICATION

SPEC NO : 2080253

SHEET NO: 5 of 5

HIGH PRESSURE STAINLESS STEEL DUAL PORT CYLINDER VALVE, TIED DIAPHRAGM SEAL TYPE FOR UHP GASES

Customer: BOC EUROPE

 Series:
 D395 1
 CEODEUX part- nbr: 498909000007

 Drwg.Nbr: 17-4142a
 Customer part- nbr: 12080253

Assembly U:

Pos.	Nbr.	ArtNbr.	Name of part	Material	Remarks
9	1		Spindle	St.Steel 430 F	
24	1		Disc	Duroplast	

* gas wetted parts

Other:

Individual packaging: no
Clean room assembly: no
Valve guarded: yes
Cleaning for oxygen: no

SPEC NO : 2080253