

Actuator design data:

Valve stroke:	20	(mm)
Req. force open:	5	(kN)
Req. force close:	5	(kN)
Air supply min.:	4	(Bar)
Air supply max.:	9	(Bar)
Stroking time - modulating:	-	(Sec)
Stroking time - quick open:	<5	(Sec)
Stroking time - quick close:	<5	(Sec)

Solenoid valve functions

Action	S1	S2
Quick open	Valve opens	De-energized
Quick close	Valve closes	Energized
-	-	-

Signals / failure functions:

Input signal:	-
Valve closed at:	-
Output signal:	-
Air supply failure:	Valve opens
Input signal failure:	-
Electric failure (solenoid):	Valve opens

Accessories:

		Notes:	Item no:	Qty
Cylinder		MSD II 400 DA with hand wheel	-	
Positioner	P	-	-	
Air lock valve	AL	-	-	
Position transmitter	PT	-	-	
Solenoid valve	S	ASCO 8320 G	23	
Solenoid valve supply voltage		110 VDC	23	
Air bottle	AB	-	-	
Limit switch open	LSO	NAMCO EA 530	21	1
Limit switch close	LSC	NAMCO EA 530	21	1
Air filter/Air filter regulator	F/AFR	YT-200 series	20	
Bypass valve	BP	-	-	
Derivative relay	D	-	-	
Pressure gauges	PG	-	-	
Tubing mtrl.		SS steel	18	
Fitting mtrl.		SS steel	19	
Air supply conn.		3/8" NPTF	-	
Yoke		CCI STD	-	

Interconn. diagram No.

0

Actuator specification No.

A295154.30

Rev.

1

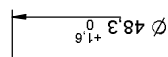
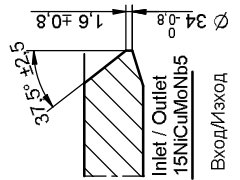
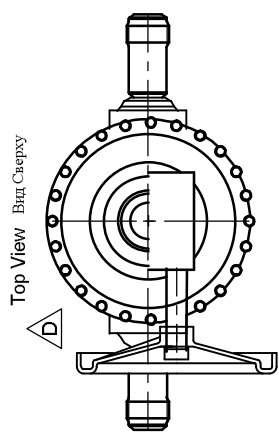
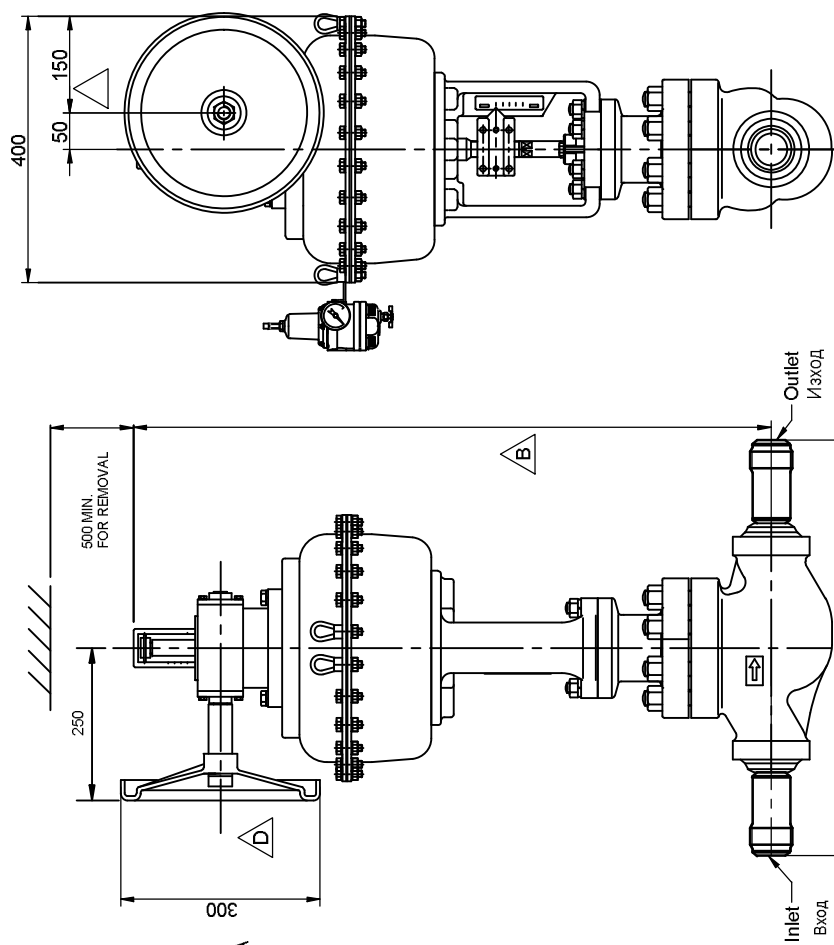
IND	ALTERATION	DATE	SIGN
C	Drawing translated to Bulgarian.	2007-04-16	NBL
D	Dimensions added. Actuator turned of 90 °. Top view added.	2007-05-08	NBL
E	Tag No. is corrected.	2007-07-23	NBL

Клиент Проект По- No. Означение № Заводски № Тегло	Customer Project Po. No. Tag No Vo No. Weight
: Alstom Power : Maritza : 744297 : 01/02LAB60AA022/E : 295154.30A/B : ~85 kg	
Вход/ Inlet / Outlet	: 1½" BWE ASME B16.25

Project	Проект
Maritza East I Power Station	
Company	

Space for stamp of Municipality of Salabovo Място за печат на Община Гълъбово		Space for further stamps Място за допълнителни печати	
Area for stamp of ECE Control 000 (ICS) Място за печат във ВЕБ Control 000Д (Генерал вадър)		Space for stamp of authorized Bulgarian Designer Място за печат на лицензиран български проектант	
Main Contractor / Главен изпълнител ALSTOM Power Generation AG Power Boiler GmbH		Partner of Main Contractor / Партньор на главния изпълнител	

Responsible dept.	Отговорен отдел	Created by	Created by stamp	Checked by	Checked by stamp	Approved by	Approved by stamp	Format
CCI	NBL	NBL		JeC		SgM		A2
Scale	Машаб	-	-	Class no. (e.g. KK5)	-	for Company Review & Approval		
Derived from	Изходен документ	Replaces	Замества	Doc Type	EA	Yes / No		
Logo of Legal Owner	Официален собственик	Sub Contractors Doc Number	S086033	Document Status	Released	Sub Site No		
ALSTOM Power Turbo Systems		840H2-20 Dump Valve Certified drawing Tag No. 01/02LAB60AA022		Consortium Partner Document Code		-		
Title, Subtitle		840H2-20 Dump Valve Certified drawing Tag No. 01/02LAB60AA022		Project Doc Number		MTZ/12/M/-----M24EA/003		
Surface treatment		Surface roughness acc. ISO 85572		Surface roughness unless after specified		Holes - Ave - Length -		
This is the property of CCI Valve Technology AB. It is strictly confidential and must not be copied, traced or loaned without their permission.		Box 603, 661 29 Sjöffe - SWEDEN		Rev.		Date		
DRAWN 2007-01-09		SIGN RdP		Date		Lang Sheet		
CHECKED 2007-07-23		SIGN NBL		4		07-07-23 E 1/1		
VO		DRAWING NO		REV		ITEM NO		
S086033		E		S0860338		A		

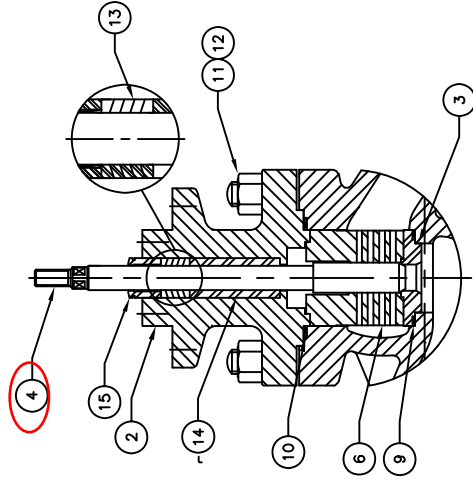


Surface treatment		Surface roughness acc. ISO 85572		Surface roughness unless after specified		Holes - Ave - Length -	
This is the property of CCI Valve Technology AB. It is strictly confidential and must not be copied, traced or loaned without their permission.		Box 603, 661 29 Sjöffe - SWEDEN		Rev.		Date	
DRAWN 2007-01-09		SIGN RdP		Date		Lang Sheet	
CHECKED 2007-07-23		SIGN NBL		4		07-07-23 E 1/1	
VO		DRAWING NO		REV		ITEM NO	
S086033		E		S0860338		A	

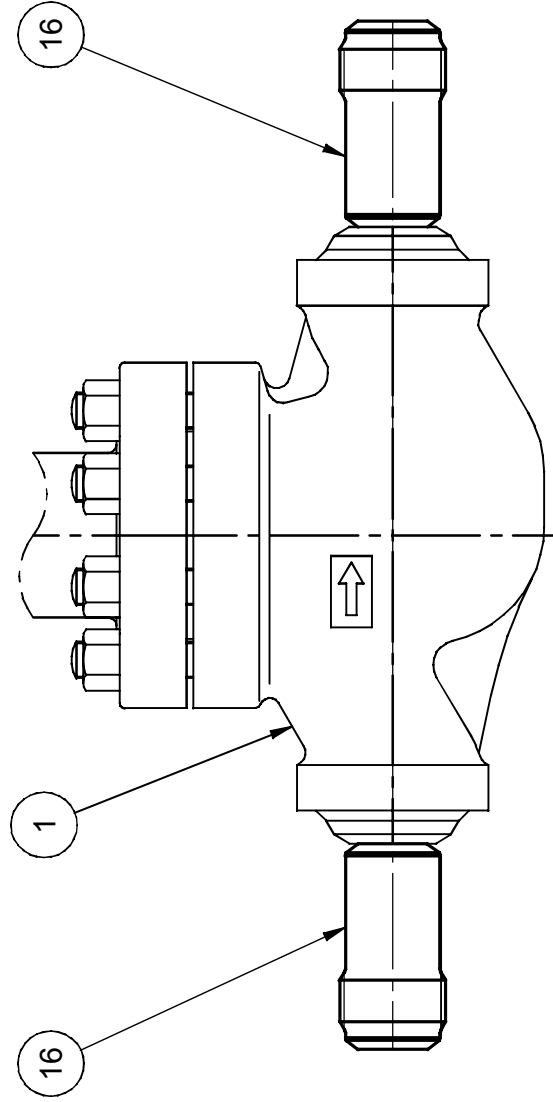
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WITH ALL RIGHTS AND TITLES RESERVED AND MAY NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF CCI.

PARTS LIST

NO	NAME	MATERIAL	QTY	REMARKS
1	BODY	A217 WC6	1	
2	BOINET	A217 WC6	1	
3	SSAT	410 SS	1	
4	SPINDLE	410 SS	1	
5	N/R			
6	CAGE	410 SS	1	
7	N/R			
8	N/R			
9	GASKET	304+GRAPHITE	1	
10	GASKET	304+GRAPHITE	1	
11	BOINET STUD	A193-B16	8	
12	HEX, NUT	A194-7	8	
13	PACKING SET	GRAPHITE	1 SET	
14	PACKING SPACER	300 SERIES SS	1	
15	PACKING GLAND	300 SERIES SS	1	
16	COIL 1 1/2"	15NICUMON5	2	



BODY SECTIONAL VIEW



REVISIONS			
LTR	DESCRIPTIONS	DATE	APPROVED
2	Revision No, Updated	07-12-12	SgM
1	Changed Tag No.	07-12-12	SgM
0	First Issue	07-04-16	SgM

[illegible]

Maritza East | Power Station



Space for stamp of Municipality of Galatovo

Space for further stamps

Area for stamp of EGE Control (CS)	Space for stamp of authorized Bulgarian Designer
------------------------------------	--

ALSTOM

[illegible]