

Client:	Alstom Power Gen.	ADAMS Order-No.:	13-0611-025 / 01
Project:	Maritza East 1	ADAMS Serial-No.:	81016 - 81017
Order-No.:	D61-4500056424	Production Year:	2007
Ident-No.:	*		
Marking:	--		

Valve Type:	SCV	Nominal Size:	700 / 28"
Operation:	Non Return Valve	Body Connection:	Welding End
Medium:	Superheated Steam	Flange acc. to:	--
Fluid Group:	--	Flange Connection:	--
Design:	AD 2000	Body Rating:	PN 100
		Trim Rating:	PN 100

## Operating Data

Operating Temperature:	434 °C
Operat. Pres.:	70,3 bar at 434 °C
Δp:	70,3 bar at 434 °C

## Design Data

max. allow. Temp.:	442 °C
max. allow. Pres.:	84 bar at 442 °C
max. allow. Δp:	70,3 bar at 442 °C
Δp Actuator:	0 bar

Gear:	--
Actuator:	RCG100 SR80
Stroking Time:	1.0 sec.
Voltage:	--

Accessories:	Fisher 67CF Filter Regulator
	P&F Inductive Proximity Switch
	Norgren Quick Venting Valve
	Norgren 3/2 Directional Control Valve

## Documentation

Assembly DWG:	0611.025.001.30A.01.2-A
Parts List:	0611.025.001.30B.01.4-A
Dimensional DWG:	0611.025.001.30O.01.4-B
Installation, Operation & Maintenance Manual:	30Z.03.A
QS-Documentation:	QS-0611-025-01
Data Sh./Characteristic:	--
Instrumentation:	--
Calculation:	--

\* 81016 = 01LBC10AA010  
81017 = 02LBC10AA010

## Material

Valve Body:	1.7357
Disc:	1.7380
Shaft:	A564TP630H1150-D
Sealing:	--



**The operator has to guarantee, that the valve is only use for the specified medium. Above-mentioned datas of pressure and temperatures must not be exceeded.  
The valve and equipment can be a source of serious danger due to improper use.**

Original	Date:	30.7.2007	Prepared by:	Ev / Sw
Rev. 01	Date:		Prepared by:	
Description:				