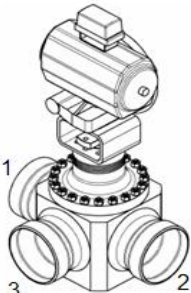


3-Way-Valve type 200



1	Customer:	ALSTOM Power Energy Recovery GmbH	ARTES-No.:	5500595					
2	Order-No:	T-19-05 / 1547	Pos.:	1					
3	Location:	HP Steam Pipe	Unit:	1					
4	P&ID.:	TV 1135	Serial Nr.:	3047068.1					
5	Pipedesign		Inlet	Outlet	Bypass				
6	Pipe	Ø D x s	mm						
7	Pipe Material		1.5415	1.5415	1.5415				
8	Welding End	Ø D x s	mm	273x10	273x10	273x10			
9	Flange End								
10	Armaturedesign		Inlet	Outlet	Bypass				
11	Nominal Size	DN	250	250	250				
12	Nominal Pressure	PN							
12	Pressure	bar a	53	53	53				
13	Temperature	°C	480	480	480				
14	Material		1.5415	1.5415	1.5415				
15	Operating Date		Loading Case	Loading Case	Loading Case	Loading Case	Loading Case		
16	Medium:	Steam	1	2	3	4	5		
17	Flow rate	t/h							
18	Temperature	°C							
19	Pressure Inlet	bara							
20	Pressure Outlet	bara							
21	Sound Level	dB(A)							
22	K _v - Value	m³/h							
23	Type Of Valve								
24									
25	Material						Ventilparameter:		
26							Seat Diameter:	200	mm
27	Body:	1.5415 (16Mo3, 15Mo3)					Stem Diameter:	42	mm
28	Stem:	1.4122 (X20CrMoV12-1)							
29	Seat:	1.5415 (16Mo3, 15Mo3)					Δp For The Drive	53	bar
30	Seal:	Graphit					Install. Length:	730	mm
31	Packing:	Graphit							
32									
33									
34									
35	Inspection Acc. To	Pressure Equipment Directive 97/23/EC, Kat II, Modul H, CE-Mark							
36		Requirements Acc. To	AD-2000						
37		Leakage Rate:	1,5% from K _{VS} - Value						
38	Mounting Instruction								
39	Inspection Pressure;	14 bar a							
40	Actuator:	pneumatic EI-O-Matic,							
41	Type:	ES950, single action - spring power closed							
42		emergency handgear MO160 with handwheel							
43		FF positioner type DVC 6020F-103, SCFD, ATEX,IS,							
44		filter-controller "Fisher", type FS67 CFR 226, 0-8,6 barg + manoscope							
45		Piping in SS316;1/2" Conection Swaglock							
46	Remarks								
47		safety position - Entry (2) open, Bypass (3) regulated and Exit (1) open							
48									
49									
50	Revision	0	1	2	3	4	5		
51	Date:	12.11.2007	11.03.2008						
52	Prepared:	H.Roßmann	H. Jäkel						
53	Checked:	I. Mathes	F.Exner						