

3-Way-Valve type 200



1	Customer:	ALSTOM Power Energy Recovery GmbH	ARTES-No.:	5500220			
2	Order-No:	T-19-05 / 1547	Pos.:	2 (73/06-2)			
3	Location:		Unit:	1			
4	P&ID.:	TV 1135					
5	Pipedesign		Inlet	Outlet	Bypass		
6	Pipe	Ø D x s mm					
7	Pipe Material						
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	bara	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	88				
18	Temperature	°C					
19	Pressure Inlet	bara					
20	Pressure Outlet	bara					
21	Sound Level	dB(A)					
22	K _v - Value	m ³ /h					
23	Type Of Valve						
24							
25	Material		Ventilparameter:				
26							
27	Body:	1.5415 (16Mo3, 15Mo3)	Seat Diameter:	200	mm		
28	Stem:	1.4122 (X20CrMoV12-1)	Stem Diameter:	42	mm		
29	Seat:	1.5415 (16Mo3, 15Mo3)					
30	Seal:	Graphit					
31	Packing:	Graphit					
32			Δp For The Drive	53	bar		
33			Install. Length:	730	mm		
34							
35	Inspection Acc. To	Pressure Equipment Directive 97/23/EC CE-Mark					
36		Requirements Acc. To	AD-2000				
37		Leakage Rate:	0,05% from K _{VS} - Value				
38	Mounting Instruction						
39							
40	Actuator:	pneumatic					
41	Type:	EI-O-Matic					
42		ES950, single action - spring power closed					
43		emergency handgear MO160 with handwheel					
44		FF positioner type DVC 6020F-103, SCFD, ATEX,IS,					
45		filter-controller "Fisher", type FS67 CFR 226, 0-8,6 barg + manoscope					
46	Remarks						
47		safety position - Inlet and Outlet open, Bypass closed					
48							
49							
50	Revision	0	1	2	3	4	5
51	Date:	05.04.2005	29.11.2005	03.01.2006			
52	Prepared:	H.Roßmann	I. Mathes	P. Schüler			
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