

3-Way-Valve



1	Customer:	Alstom Power Energy Recovery	ARTES-No.	5500974		
2	Project:	222072	Pos.	2		
3	Location:		Units:	1		
4	KKS-No.	TV12401	Material:	3063058.1		
5	Pipe connecting data		Connection 1	Connection 2	Connection 3	
6	Pipe	Ø D x s	mm			
7	Pipe material					
8	Buttwelds	Ø D x s	mm	219,1 x 8,8	219,1 x 8,8	219,1 x 8,8
9	Flange connection					
10	Valve information		Connection 1	Connection 2	Connection 3	
11	Nominal size	DN	200	200	200	
12	Nominal pressure	PN	--	--	--	
13	Pressure	bar(g)	53	53	53	
14	Temperature	°C	480	480	480	
15	Material		1.5415	1.5415	1.5415	
16	Test pressure - Body Strength					
17	Operation data		Point	Point	Point	Point
18	Medium:	Feed Water	1	2	3	4
19	Flowrate	t/h	80,00			
20	Temperature	°C				
21	Pressure inlet	bar(g)				
22	Pressure outlet	bar(g)				
23	Noise level	dB(A)				
24	Kv value	m³/h				
25	Flow Speed					
26	Type of valve		3-Way-Valve splitter			
27	Werkstoffe:					
28						
29	Body:	1.5415				
30	Stem:	1.4122				
31	Seat:	1.5415				
32						
33	Seals:	Graphite				
34						
35						
36						
27			Ventilparameter:			
			Ø Seat:	150	mm	
			Ø Stem:	45	mm	
			K _{VS} - value:		m³/h	
			max. Δp for the drive:	5	bar	
			Installation length:	1)	mm	
37	Inspected acc. to		Pressure Equipment Directive 97/23/EC CE-Mark			
38			Requirements acc. to: AD2000			
39			Leakage rate: 1,5% from K _{VS} - Value			
40	Special roots					
41						
42	Drive	pneumatic				
43	Type:	Elomatic				Material: 3063055
44	ES950, single acting, spring closes					
45	with gear MO160 & handwheel					
46	Positioner Fisher DVC 6020F-103; without feedback signal;					
47	Filter / Regler Fisher Typ FS67CFR-226; air pressure 6 bar(a)				F14, VK36	
48						
49	Remarks					
50	Connection 1 (Inlet) always open, Connection 2 (Outlet I) & Connection 3 (Outlet II) controlled					
51	Safety position:					
52	Connection 3 (Outlet II) closed, free flow from Connection 1 (Inlet) to Connection 2 (Outlet I)					
53	1) vgl. Massblatt "5500974-20-MB"					
54	Revision	0	1	2	3	4
55	Date:	18.09.2008	08.04.2009	25.05.2009	17.08.2009	
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