

3-Way-Valve



1	Customer: ARCA Regler GmbH	ARTES-no.	5501025			
2	Project:	Item	1			
3	Location:	Units:	1			
4	Power plant IDsystemno.	Material:	3063996.1			
5	Pipe connecting data		Connection 1	Connection 2	Connection 3	
6	Pipe	Ø D x s	mm	219,1 x 12,7	219,1 x 12,7	219,1 x 12,7
7	Pipe material	SA 106 Gr. B				
8	Buttwelds	Ø D x s	mm	223 x 14,7	223 x 14,7	223 x 14,7
9	Flange connection					
10	Valve information		Connection 1	Connection 2	Connection 3	
11	Nominal size	DN	200	200	200	
12	Nominal pressure	PN	160	160	160	
13	Pressure	bar(ü)	74	74	74	
14	Temperature	°C	400	400	400	
15	Material		SA 105 / A105	SA 105 / A105	SA 105 / A105	
16	Test pressure - Body Strength					
17	Operation data		Point	Point	Point	Point
18	Medium:	Steam	1	2	3	5
19	Flowrate	t/h	5,00	40,00	100,00	
20	Temperature	°C	380	380	380	
21	Pressure inlet	bar(ü)	68,00	68,00	68,00	
22	Pressure outlet	bar(ü)	67,50	67,50	67,50	
23	Noise level	dB(A)				
24	Kv value	m³/h	44,19	354,89	905,95	
25	Flow Speed					
26	Type of valve 3-Way-Valve type W - splitter					
27	Material:			Design of valve		
28						
29	Body:	SA 105 / A105		Ø Seat:	175	mm
30	Stem:	1.4122		Ø Stem:	40	mm
31	Seat:	SA 105 / A105		K _{VS} - value:	1125	m³/h
32						
33	Seals:	Grafit				
34						
35				max. Δp for the d	2	bar
36				Installation length:	2)	mm
37	Inspected acc. To	requirements to:		ASME B16.34		
38						
39		Leakage rate:		1,5% from KVS - Value		
40	Special rools					
41						
42	Drive	electric				Material: 3063992
43	Type:	AUMA SAR07.5 + GS80.3 + AM01.1				
44		MSP 111700---A28E1 ; KMS TP 104/201				
45		U=400V / 50Hz				
46						
47						
48	Remarks:					
49	Connection 2 (Inlet) always open, Connection 1 (Outlet I) and Connection 3 (Outlet II) controlled					
50						
51						
52	2) according to dimension sheet "5501025-1-MB Rev. 2"					
53	Revision	0	1	2	3	4
54	Date:	28.05.2009	02.07.2009	14.07.2009	21.08.2009	01.09.2009
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