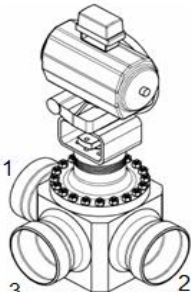


# 3-Way-Valve



1	Customer: Oschatz	ARTES-No.	5501265			
2	Project:	Pos.	1			
3	Location:	Units:	1			
4	KKS-No.	Material:	<b>3072249.1</b>			
5	<b>Pipe connecting data</b>		Connection 1	Connection 2	Connection 3	
6	Pipe	Ø D x s mm	219,1 x 10	219,1 x 10	219,1 x 10	
7	Pipe material					
8	Buttwelds	Ø D x s mm				
9	Flange connection		x	x	x	
10	<b>Valve information</b>		Connection 1	Connection 2	Connection 3	
11	Nominal size	DN	8"	8"	8"	
12	Nominal pressure	PN	class 600 RF	class 600 RF	class 600 RF	
13	Pressure	bar(g)	48	48	48	
14	Temperature	°C	485	485	485	
15	Material		A182 F12	A182 F12	A182 F12	
16	<b>Test pressure - Body Strength</b>					
17	<b>Operation data</b>		Point	Point	Point	Point
18	Medium:	steam	1	2	3	4
19	Flowrate	t/h	42,00			
20	Temperature	°C	470			
21	Pressure inlet	bar(a)	41,00			
22	Pressure outlet	bar(a)	40,80			
23	Noise level	dB(A)				
24	Kv value	m³/h	958,18			
25	Flow Speed					
26	<b>Type of valve</b>		<b>3-Way-Valve - splitter</b>			
27	<b>Werkstoffe:</b>					
28						
29	Body:	SA182 F12				
30	Stem:	1.4922/23				
31	Seat:	SA182 F12				
32						
33	Seals:	Graphit				
34						
35						
36						
			<b>Ventilparameter:</b> Ø Seat: 150 mm Ø Stem: - mm K <sub>VS</sub> - value: 1050 m³/h  max. Δp for the drive: 53 bar Installation length: 600 mm			
37	<b>Inspected acc. to</b>		ASME BPVC ; ASME B16.34			
38			final inspection APZ 3.1 according to DIN / EN 10204			
39			Leckage: 1,5% from Kvs-value			
40	<b>Special rools</b>					
42	<b>Drive</b>	pneumatic	Material: <b>3072246</b>			
43	Type:	<b>FieldQ QS950</b> with double stroke limiter DSA Code A				
44			single acting, spring closes			
45			Positioner 4-20 mA, Type ABB <b>TZIDC 120-V18347</b> adjustable with display- and			
46			control panel, HART communication, filter type Norgren mit plastic container			
47			3/2 Way Solenoid valve / Namur - Type Herion			
48			air pressure 4bar(g)			
49	<b>Remarks</b>					
50			entry 1 always open; exit 2 & exit 3 controlled			
51			with mechanical end stop			
52						
54	Revision	0	1	2	3	4
55	Date:	30.04.2010	03.06.2010	10.06.2010	29.06.2010	14.07.2010
56	Prepared:	K. A. Ramadan	K. A. Ramadan	K. A. Ramadan	H. Jäkel	K. A. Ramadan
57	Checked:	H. Roßmann	I. Mathes	H. Roßmann	K.A.Ramadan	J. Gerhardt