

Three-Way Valve



ARTES Valve & Service GmbH
Parkallee 7 - 16727 Velten
Germany

A MEMBER OF THE ARCA FLOW GROUP

1	Customer:	Würz GmbH	ARTES-Ref.:	5504260		
2	Plant:	Stadtwerke Rosenheim	Pos.:	1		
3	Service:		Qty.:	1		
4	TAG No.:		S/N:	3168231.1		
5	Pipeline		Connection 1	Connection 2	Connection 3	
6	Dimensions	Ø D [mm] x s [mm]	88,9 x 6,3	88,9 x 6,3	88,9 x 6,3	
7	Material		P235GH	P235GH	P235GH	
8	Weld ends	Ø D [mm] x s [mm]	--	--	--	
9	Flanschenden		EN 1092-1 / B	EN 1092-1 / B	EN 1092-1 / B	
10	Valve Design		Connection 1	Connection 2	Connection 3	
11	Nom. pipe size	DN	80	80	80	
12	Nom. pressure	PN	160	160	160	
13	Design Pressure	[bar(g)]	80	80	80	
14	Design Temp.	[°C]	210	210	210	
15	Material		1.0460	1.0460	1.0460	
16	Hydraulic Test Pressure					
17	Operational conditions		1	2	3	4
18	Medium:	Wasser				
19	Flow	[t/h]				
20	Temperature	[°C]				
21	p inlet	[bar(g)]				
22	p outlet	[bar(g)]				
23	Kvs value	[m³/h]				
24						
25						
26	Valve type	DWF-W (Mischer)				
27	Material:		Valve Parameters			
28						
29	Body:	1.0460	Ø seat 80 mm			
30	Stem:	1.4122	Kvs Value: max 300 m³/h			
31	Plug:	1.0460	delta p für Antr. 2 bar			
32						
33	Gaskets:	Grafit	Control characteristic: linear		Dimensions: 400mm 200mm	
34						
35						
36						
37	Design & Tests acc. to:	Pressure Equipment Directive 2014/68/EU				
38		Requirements acc. to: EN 12952				
39		Leakage: 1,5% of Kvs-value				
40		Factory Acceptance Test Certificate acc. to EN 10204-3.1				
41	Installation requirements:					
42						
43	Actuator type:	elektrisch				3168265
44	Model:	Sipos Seven 2SA7521-5CE03-4AB4-Z				
45		U=380+460V, 3ph; Elektronikeinheit PROFITRON, farb.Display 5/8 binäre Ein-/Ausg.				
46		1 analog A. ohne Erweiterung, Stellungsregler 4-20 mA,				
47		Rundstecker m. Schraubanschl. und "double sealed", mit Getriebe GS80.3				
48	Actuator adaption:					
49	Remarks:					
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51						
52						
53						
54	Revision:	0	1	2	3	4
55	Date:	28.06.2021	23.07.2021			
56	Prepared:	H. Roßmann	R. Feldmann			
57	Checked:	H. Jäkel	H. Roßmann			

