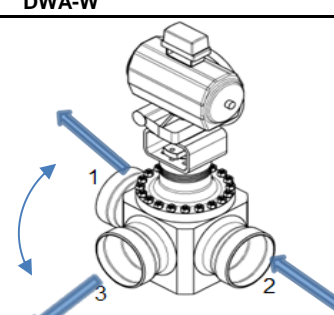


Three-Way Valve



ARTES Valve & Service GmbH
Parkallee 7 - 16727 Velten
Germany

A MEMBER OF THE ARCA FLOW GROUP

1	Customer:	ARCA Regler GmbH	ARTES-Ref.:	5504989		
2	Plant:	Wehrle Werk	Pos.:	1		
3	Service:	Heißdampfkühlung	Qty.:	1		
4	TAG No.:		S/N:	3188910.1		
5	Pipeline		Connection 1	Connection 2	Connection 3	
6	Dimensions	Ø D [mm] x s [mm]	168,3 x 12,5	168,3 x 12,5	168,3 x 12,5	
7	Material		--	--	--	
8	Weld ends	Ø D [mm] x s [mm]	168,3 x 12,5	168,3 x 12,5	168,3 x 12,5	
9	Flange ends		--	--	--	
10	Valve Design		Connection 1	Connection 2	Connection 3	
11	Nom. pipe size	DN / NPS	150	150	150	
12	Nom. pressure	PN / class	--	--	--	
13	Design Pressure	[bar(g)]	70	70	70	
14	Design Temp.	[°C]	450	450	450	
15	Material		1.7335	1.7335	1.7335	
16	Hydraulic Test Pressure					
17	Operational conditions		Load Case	Load Case	Load Case	Load Case
18	Medium:		1	2	3	4
19	Flow	[t/h]	40,0			
20	Temperature	[°C]	430,0			
21	p inlet	[bar(g)]	67,0			
22	p outlet	[bar(g)]	66,5			
23	Kvs value	[m³/h]	376,2			
24	Geschwindigkeit	[m/s]	64,75			
25						
26	Valve type	DWA-W				
27	Material:					
28						
29	Body:	1.7335				
30	Stem:	1.4122				
31	Plug:	1.7335				
32						
33	Gaskets:	Grafit				
34						
35						
36						
			Valve Parameters Ø seat 100 mm Kvs Value: max. 471 m³/h delta p actuator 3 bar Control characteristic: linear Dimensions: 560,0 mm x 280,0 mm			
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				Material: 3188801
44	Model:	AUMA SAR07.6 & GS63.3 & ohne Matic				
45		220-230VAC / 3-ph / 50Hz				
46		Terminalplan: TPA 00R1AA-001-000				
47		Stellzeit: ca. 35 -40s/90°				
48	Actuator adaption:	gem. ISO 5211				
49	Remarks:					
50						
51		Anschluss 2 immer geöffnet, Anschluss 1 & Anschluss 3 geregelt.				
52						
53						
54	Revision:	0	1	2	3	4
55	Date:	02.07.2024				
56	Prepared:	C. Pocher				
57	Checked:	T. Khallouf				