

# 3-Way-Valve type 350



1	Customer:	ARCA	ARTES-No.:	5500525			
2	Order-No:		Pos.:	2			
3	Location:		Unit:	1			
4	P&ID.:	<b>TV-20016</b>					
5	<b>Pipedesign</b>		Inlet	Inlet	Outlet		
6	Pipe	Ø D x s mm	14"	14"	14"		
7	Pipe Material		15CrMo	15CrMo	15CrMo		
8	Welding End	Ø D x s mm					
9	Flange End		RTJ	RTJ	RTJ		
10	<b>Armaturedesign</b>		Inlet	Inlet	Outlet		
11	Nominal Size	DN	14"	14"	14"		
12	Nominal Pressure	PN	ANSI CI900	ANSI CI900	ANSI CI900		
12	Pressure	Mpa	10	10	10		
13	Temperature	°C	180	180	180		
14	Material		C22.8	C22.8	C22.8		
15	<b>Operating Date</b>		Loading Case	Loading Case	Loading Case	Loading Case	Loading Case
16	Medium:	Circulatory Gas	1	2	3	4	5
17	Flow rate	Nm³/h	360.000	315.000			
18	Temperature	°C	160	160			
19	Pressure Inlet	Mpa(g)	8,4	8,4			
20	Pressure Outlet	Mpa(g)	8,385	8,385			
21	Sound Level	dB(A)	<85	<85			
22	K <sub>v</sub> - Value	m³/h					
23	<b>Type Of Valve</b>						
24							
25	<b>Material</b>			<b>Ventilparameter:</b>			
26							
27	Body:	C22.8	Seat Diameter:		350	mm	
28	Stem:	1.4122 (X20CrMoV12-1)	Stem Diameter:		80	mm	
29							
30	Seal:	Viton	Characteristic:		mod. linear		
31							
32				Δp For The Dirve		0,3	Mpa
33				Install. Length:		mm	
34							
35	<b>Inspection Acc. To</b>		Pressure Equipment Directive 97/23/EC CE-Mark				
36			Requirements Acc. To		AD-2000		
37							
38	<b>Mounting Instruction</b>						
39							
40	<b>Actuator:</b>		EI-O-Matic				
41	Type:		PS 4000, single action - spring power closed				
42			Handwheel				
43			Positioner 4 - 20mA				
44			Filter & Reducing Valve				
45							
46	<b>Remarks</b>		Leakage: Gap between housing and positioning element !				
47							
48							
49							
50	Revision	0	1	2	3	4	5
51	Date:	14.05.2007					
52	Prepared:	im					
53	Checked:	hj					