

ON/OFF Valve Technical Specifications (Globe - 1")				
S.No.	Description	Parameter	Value	Remarks
1	General	Tag No.		
2		Application	Oxygen to AutoClave Bleed	
3	Process	Medium	Oxygen	
4		Flow Rate	Max. : 0.2 t/hr	
5		Inlet Pressure	1500 kPa	
6		Outlet Pressure	5 kPa	
7		Operating Temp.	50 Deg.C	
8		Humidity	95%	
9		Velocity	3.3 m/s	
10		Viscosity	0.021 cp	
11		Fail Position	Fail to Close	
12	Valve Body	Type	Globe	
13		Body Size	25 mm	
14		Guiding	Double stem Guided	
15		End Connection	Flanged	
16		Body Material	CF8M	
17		Bonnet Material	SS 316L	
18	Trim	Type	Globe	
19		Size	25 mm	
20		Plug & Seat	Monel	
21		Seat Tightness	Class IV	
22	Actuator	Type	Pneumatic Spring Return	
23		Air Supply Pressure	450 - 650 kPa	
24		Flow Action	Air to Open	
25		Handwheel	Yes	
26	Solenoid	Voltage	24V DC	
27		Action	3 port x 2 way	
28	Switches	Type	Microswitch	
29		Quantity	2 Nos	
30		Contacts	SPDT	
31		Rating	20 Amps	

- K. L. Rangai
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