

ON/OFF Valve Technical Specifications (Angle - 1.5")				
S.No.	Description	Parameter	Value	Remarks
1	General	Tag No.		
2		Application	Oxygen to AutoClave	
3	Process	Medium	Oxygen	
4		Flow Rate	Max. : 400 Nm3/hr	
5		Inlet Pressure	1600 kPa	
6		Outlet Pressure	1500 kPa	
7		Operating Temp.	120 Deg.C	
8		Humidity	95%	
9		Viscosity	0.021 cp	
10		Fail Position	Fail to Close	
11	Valve Body	Type	Angle	
12		Body Size	40 mm	
13		Guiding	Bonnet	
14		End Connection	ASME B16.5	
15		Body Material	CF8M	
16		Bonnet Material	SS 316L	
17	Trim	Type	Tight	
18		Size	Shutoff	
19		Plug & Seat	Hexoloy	
20		Seat Tightness	Class IV	
21	Actuator	Type	Pneumatic Double Acting Heavy Duty Spring Return	
22		Air Supply Pressure	450 650 kPa	
23		Flow Action	Air to Open	
24		Handwheel	Yes	
25	Solenoid	Voltage	24V DC	
26		Action	3 port x 2 way	
27	Switches	Type	Microswitch	
28		Quantity	2 Nos	
29		Contacts	SPDT	
30		Rating	20 Amps	

— K. S. Gargi 26/5/18