

RFQ_Heating Steam Pressure Reducing Station (IBR)


BOSCH

Pressure Reducing Station						
	Application	Pressure Reducing Station				
	Type	2- Way Valve				
	Actuator	Direct acting Self Pressure reducing valve				
	Action	Direct acting Self Pressure reducing valve				
	Medium	Saturated Steam				
	Qty.	1				
Sr. No	Sizing Properties	Units	Max	Norm	Min	Shut-Off
1	Flow Rate	kg/hr	2000	1200	300	---
2	Inlet Pressure	kg/cm ² [g]	24.5	21.0	3.0	Data will be shared later
3	Outlet Pressure	kg/cm ² [g]	3.0	3.0	3.0	---
4	Pressure drop across valve					
5	Inlet Temperature	°C	195	195	195	
8	Outlet Temperature	°C	175	160	140	
9	Valve Cv		Vendor to specify			
10	recirculation Cv		Vendor to specify			
11	Travel (For the maximum Flow capacity)	%	80			---
12	Allow. / Pred. SPL, IEC	dBA	70			---
13	Inlet Pipe Size	NB	Vendor to specify			
14	Outlet Pipe Size	NB	Vendor to specify			
15	Pipe rating	Class	#300			
16	Recirculation Line Size	NB	Vendor to specify			
17	Recirculation Line rating	Class	Vendor to specify			
18	End Connection	Flange	Required			
19	Accessories					
	I/P Postioner		Required			
	Actuator		Required			
	Air filter regulator		Required			
	Open & Close limit switch		Required			
20	Document Requirement					
	IBR Certification		Required			
	Operation & mainetenance manual		Required			
21	Accessories					
	Inlet & Outlet isolation valve					
	Inlet Moisture Seperator with steam Trap					
	Control valve inlet & outlet Drain valve					
	Inlet Pressure Gauge					
	Outlet Pressure Guage					
	Outlet Safety valve					
	By-pass valve					