

Compliance Statement:

<u>Sl.No</u>	<u>Parameter</u>	<u>Compliance by Vendor (Yes/No/Noted/Parametric value)</u>
1	Type: High Vacuum control Gate valve type	
2	Actuator: Integrated Pressure controller with Stepper motor	
3	Flange size: DN160	
4	Flange type: ISO-F	
5	Body / plate Material: Stainless steel 304 or equivalent	
6	Other parts Material: Stainless steel: 301 or equivalent	
7	Leak rate (Valve body and Valve seat): $\leq 1 \times 10^{-9}$ mbar. Liter/sec (He)	
8	Pressure range: 1×10^{-8} mbar to 2 bar(abs)	
9	Differential pressure on gate Valve closed: ≤ 2 bars	
10	Differential pressure on gate During opening/Closing: ≤ 30 mbar	
11	Mounting Position: Any	
12	Admissible operating Temperature i. Valve body: $\leq 150^{\circ}\text{C}$ ii. Controller : $\leq 50^{\circ}\text{C}$	

13	Seals: i. Plate: Viton ii. Rotary feed through: Viton iii. Bonnet: Viton	
14	Controller configuration: Power failure option (Normally closed Condition during power failure)	
15	Communication Interface: RS 232/RS-485/Ethernet or any other communication	
16	Min. controllable conductance (L/sec) [N2 molecular flow]: 1.6 L/sec or better	
17	Max. Conductance (L/sec) [N2 molecular flow]: 5'000 L/sec or better	
18	Valve position indication: Visual (mechanical and on the controller)	
Standard Accessories: To be supplied along with the Valve:		
1	Control panel with 15 m cable for integration into a 19" rack	
2	Compatible 15m Cable for PC to valve connector.	