

**Manual version
 UHV / HV**

Bonnet / gate seals	
UHV	copper / Viton® elastomer
Vacuum	
Pressure Range	
UHV	1 x 10 ⁻¹⁰ mbar
Helium leak rate	< 2 x 10 ⁻⁹ mbar l/s
Differential pressure closed	1 bar in either direction
Maximum Δ pressure before opening	≥ 30 mbar
Bakeout Temperature	without solenoid
Metal sealed bonnet	
Valve open	200°C
Valve closed	150°C
Actuator	
Manual	60°C

Bonnet / gate seals	
HV	Viton® elastomer
Vacuum	
Pressure Range	
HV	1 x 10 ⁻⁹ mbar
Helium leak rate	< 2 x 10 ⁻⁹ mbar l/s
Differential pressure closed	1 bar in either direction
Maximum Δ pressure before opening	≥ 30 mbar
Bakeout Temperature	without solenoid
Elastomer sealed bonnet	150°C
Valve open	200°C
Valve closed	150°C
Actuator	
Manual	60°C