

Bio-Gard

Specification	
Size Range	25mm to 50mm (1" to 2")
Burst Pressure Range	2 barg to 10 barg (29psig to 145 psig)
Temperature Range	See Temperature Range Download
Maximum Operating Ratio	90% of minimum burst pressure (81% of nominal burst pressure)
Fragmentation on Burst	Non-Fragmenting Design
Relief Valve Isolation	Excellent
Vacuum Service	Full Vacuum
Fluid Compatibility	Liquid, Gas or Vapour
K_R Values	Not Available
Torque Sensitive	No
Cycle Life	Excellent
Material Range	Stainless Steel as standard, others available
Reversal Ratio	<1.5
Damage Ratio	<1.5 (Fail Safe)
Leak Tightness	Excellent
Performance Tolerance	+/- 10% (zero manufacturing design range)
Protective Linings	N/A
Disc Surface Finish	Typical 0.4m Ra or better