

Opti-Gard™ (OP)

Specification	
Size Range	25mm to 600mm (1" to 24")
Burst Pressure Range	0.35 barg to 70 barg (5 Psig to 1015 Psig)
Temperature Range	See product downloads
Maximum Operating Ratio	95% of minimum burst pressure (92% of nominal burst pressure)
Fragmentation on Burst	None fragmenting design
Relief Valve Isolation	Excellent
Vacuum Service	Full Vacuum
Fluid Compatibility	Liquid, Gas or Vapour
K_R Values	1.74
Torque Sensitive	No
Cycle Life*	Tested to over 100,000 pressure-vacuum cycles*
Material Range	Hastelloy as standard. Others Available
Reversal Ratio	N/A with offset tag + system-loc
Damage Ratio	<1 (fail safe)
Leak Tightness	Excellent
Performance Tolerance	+/- 3% (zero manufacturing design range)
Protective Linings	Available on vent side
Disc Surface Finish	N/A

(* from full vacuum to 95% of the minimum burst pressure)