

## Conventional Domed (CD)

Specification	
<b>Size Range</b>	3mm to 800mm (1/8" to 32")
<b>Burst Pressure Range</b>	0.5 barg to 1400 barg (7 psig to 20300 psig)
<b>Temperature Range</b>	See our website for details
<b>Maximum Operating Ratio</b>	85% of minimum burst pressure (81% of nominal burst pressure)
<b>Fragmentation on Burst</b>	May Fragment
<b>Relief Valve Isolation</b>	Not Recommended
<b>Vacuum Service</b>	No support required above burst pressure of 30 barg
<b>Fluid Compatibility</b>	Liquid, Gas or Vapour
<b>K<sub>R</sub> Values</b>	1.4 (no support)
<b>Torque Sensitive</b>	No
<b>Cycle Life</b>	Excellent
<b>Material Range</b>	Stainless Steel as Standard. Others Available
<b>Reversal Ratio</b>	<1 (fail safe) Dependent on Back Pressure Support
<b>Damage Ratio</b>	<1 (fail safe)
<b>Leak Tightness</b>	Excellent
<b>Performance Tolerance</b>	+/- 5% (zero manufacturing design range)
<b>Protective Linings</b>	Available
<b>Disc Surface Finish</b>	N/A