

Sprängbleck/Sprängpaneler (GR Rupture Disc)



Product Overview

The replaceable “GR” graphite rupture disc is mounted on a graphite or metal holder. This disc is versatile and suitable for numerous applications.

It is available in metric measurements and in inches and can be inserted between relative flanges. Graphite discs are very resistant to aggressive fluids, even at high temperature.

Bursting pressure has low sensitivity to temperature variations.

GR disc is made of high purity graphite impregnated with phenolic resins in order to make the product non-porous. Opening is total but with fragmentation. Vacuum support is required for rupture pressures below 1.7 barg. At higher calibrations the disc is self-supporting.

See Technical Properties below...

Model	GR
Materials	Graphite
Membrane	No
Available dimensions	DN 25 – DN 200
Bursting pressure	0,07 – 10 bar g (in function of diameter)
Tolerance	from +/- 5 % to +/- 10%
Operating temperature	Up to 150°C
Operating margin	80 %
Holder	GR
Fragmentation	Yes
ATEX	No
Use in conjunction with safety valve	No
Corrosion resistance	Good
Vacuum support	Available
Rupture indicator	SVT / AT
Linings	Yes