

TOP HAT BURSTING DISC ASSEMBLY

DESCRIPTION

The Fike Top Hat bursting disc assembly is specifically designed to protect a wide range of pressure relief applications. The Top Hat allows the disc to be mounted flush with the process which aids in prevention of process media build-up that could compromise performance of the disc. Through its design this assembly is ideal for mounting inside the bolt circle of standard companion flanges or it can be engineered to other process equipment specifications. The Top Hat is leak-tight and is recommended for pulsating and cyclical duty. It can also cover a wide range of burst pressures in both vapour and liquid applications.



APPROVALS:

- CE
- UD

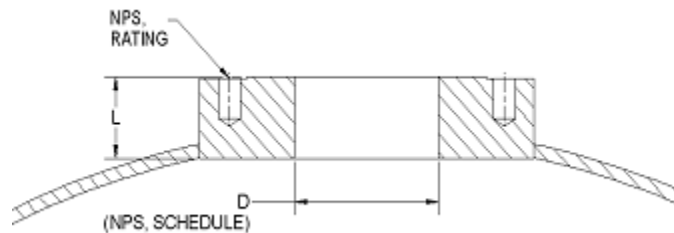
FEATURES AND BENEFITS

- CE and ASME UD certification for vapour and liquid applications ($K_{RGL} = 2.75$)
- Full vacuum resistance (specify when ordering)
- Fail safe design
- Recommended for polymer applications
- Non-fragmenting design
- Recommended for relief valve isolation
- Can be operated as high as 95% of its rated burst pressure depending upon its service conditions
- Standard Carbon Steel and Stainless Steel holder – other options available



SPECIFICATIONS

Type of Disc	Top Hat Bursting Disc Assembly	
Action	Forward Acting	Reverse Acting
Sizes	2" to 8"	
Burst Pressure	2.75 – 500 barg	3.5 – 90 barg
Operating Ratio	95%	
Disc Material	Standard: Nickel, Inconel and SST Other materials available upon request	



Performance Attributes				Process Media		
Operating Ratio	Non-Fragmenting	Vacuum Resistance	Pulsating / Cycling	Vapour / Gas	Liquid	Polymerisation
95%	Yes	Yes	Yes	Yes	Yes	Yes