

# FIKE G2 SANITARY RUPTURE DISC ASSEMBLY

The Fike G2 Sanitary Rupture Disc Assembly is a welded rupture disc and holder combination, suitable for the most challenging industrial pressure relief applications. This one-piece design allows for simple installation into many hygienic systems.



*Fike G2 Sanitary Rupture Disc Assembly*

## SPECIFICATIONS

<b>SIZES<sup>(1)</sup></b>	1 – 4 in	DN25 – DN100
<b>DISC MATERIALS<sup>(1)</sup></b>	316 / 316L SST Hastelloy® C276	1.4401 / 1.4404 2.4819
<b>RING MATERIALS<sup>(1)</sup></b>	316 / 316L SST Hastelloy® C276	1.4401 / 1.4404 2.4819
<b>BURST PRESSURE RANGE<sup>(1)</sup></b>	10 - 275 psig	0.69 – 18.96 barg
<b>BURST PRESSURE TOLERANCE</b>	See table on page 2	
<b>OPERATING RATIO</b>	Up to 95%	
<b>STANDARD MANUFACTURING RANGE</b>	Zero	
<b>MAX OPERATING TEMP</b>	Max temperature determined by gasket type	
<b>CYCLING / PULSATING DUTY</b>	Will achieve up to 100,000 cycles depending on cycling conditions	
<b>VACUUM RESISTANCE</b>	Up to Full Vacuum	
<b>PROCESS MEDIA</b>	Gas / Vapor, Liquid, & two phase	
<b>FRAGMENTATION</b>	Non-fragmenting	
<b>APPROVALS</b>	Consult Factory	
<b>ASSEMBLY HEIGHT</b>	See table on sheet 2	

(1) Consult factory for other size, pressure, and material options.

(2) Consult factory for higher back pressure requirements.

## OPTIONS

<b>BURST INDICATOR<sup>(1)</sup></b>	BCH
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(1) More information on burst indicators can be found [here \(Burst Indicators Data Sheet\)](#).

**BURST / PERFORMANCE TOLERANCES**

BURST PRESSURE		TOLERANCE	
PSIG @ 72°F	BARG @ 22°C	PSI	BAR
≤ 15	≤ 1.03	± 1	± 0.07
> 15 to 40	> 1.03 to 2.76	± 2	± 0.14
> 40	> 2.76	± 5%	± 5%

SIZE	ASSEMBLY HEIGHT
1 (DN25)	2.38 (60.5)
1.5 (DN40)	2.88 (73.2)
2 (DN50)	3.00 (76.2)
3 (DN80)	3.75 (95.3)
4 (DN100)	4.56 (115.8)