



TCP Series Transportation Rupture Disks

Features

- Provides over-pressure protection for Railroad tank cars and tanker trailers
- Fits standard tank car safety vents or mount between ASME B16.5 Class flanges
- Conforms to AAR, ICC and CTC standards
- Total performance tolerance: +0% –15%

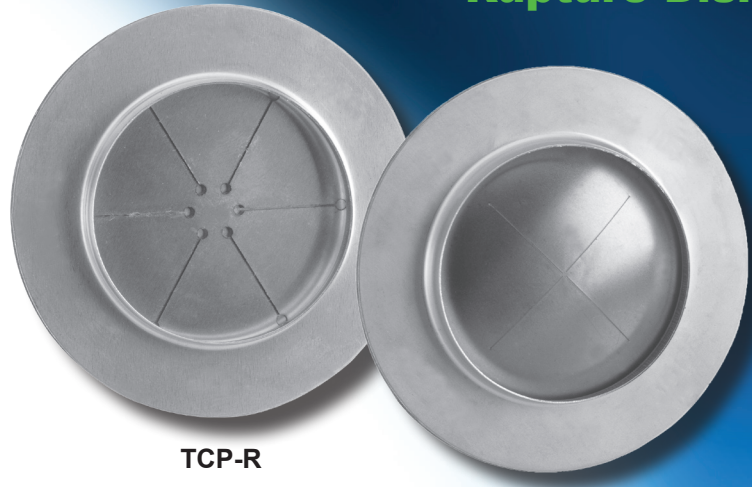
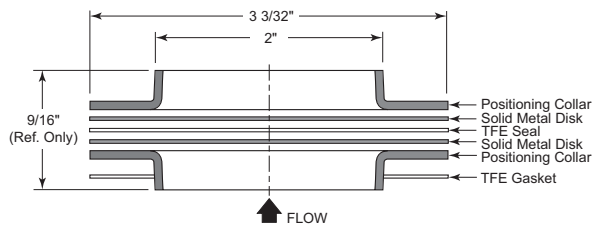
Standard Ratings and Temperatures

Burst Pressure @ 72°F (22°C)		TCP-R	TCP-NR	TCP-S
psig	bar			
30	2.07	●	●	N/A
45	3.10	●	●	●
52	3.59	●	●	●
60	4.14	●	●	●
75	5.17	●	●	●
100	6.90	●	●	●
165	11.38	●	●	●

NA - Not Available

TCP-R Reversible Disks

- Cannot be installed incorrectly
- Composite design
- TFE seal and gasket
- 316SS positioning collar and cap standard (other materials available on request)

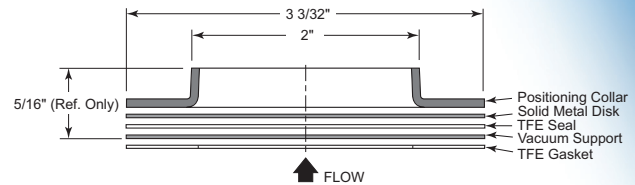


TCP-R

TCP-S

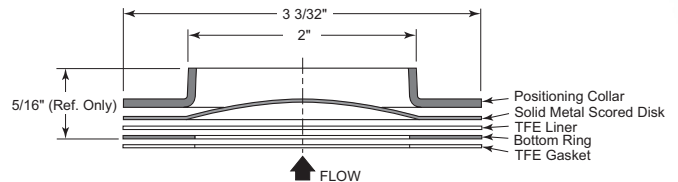
TCP-NR Non-Reversible Disks

- Composite design
- 316SS construction with TFE seal and vacuum support (other materials available on request)



TCP-S Non-Reversible Disks

- Solid metal scored design eliminates fragmenting
- Nickel disk standard (other materials available on request)
- TFE liner and gasket
- 316SS positioning collar



TCP_052020

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Safety through knowledge and performance.