

HPSR

HIGH PRESSURE SCORED-REVERSE PRESSURE RELIEF DEVICE

Oseco's HPSR (High Pressure Scored Reverse buckling rupture disc assembly) is designed and manufactured for demanding gas and liquid applications. Its welded design eliminates leak paths and allows for easy installation. Able to withstand full vacuum, elevated temperatures and 95% operating conditions. The Oseco HPSR rupture disc assembly is an ideal solution for your most demanding applications, including those considered to be 'very high' cycling.



Oseco's HPSR is a compression-loaded welded disc assembly.

- Sizes 1"- 8"
- Non-torque sensitive
- Withstands elevated temperatures up to 600F
- Hydrostatically tested
- Specifically designed for high pressure applications 2500 psig and above
- Available materials of construction: Hastelloy® C, 316 Series Stainless Steel, Inconel® 600 and Monel®
- Designed and tested to meet ASME section VIII standards
- Non-fragmenting, leak-proof design
- Withstands full vacuum
- High cycle rupture disc, tested to 48 million cycles

Common Applications

Gas and Liquid Applications,
'Very High' Cycling Applications

Operating Ratio

Up to 95%

Burst Tolerance

+/-5% of specified burst pressure

Manufacturing Range

0%

Product Dimensions

Standard height matches
Oseco insert-style holders

**Special height available to fit any flange type or configuration, consult factory for more information*

Oseco HPSR Technical Specifications

HPSR Min/Max Burst Pressure

SIZE inches	MATERIAL	MIN psig (barg)	MAX psig (barg)
1"	316 Inc Mon Hast C	2500 (137.9)	6000 (310.3)
2"	316 Inc Mon Hast C	2500 (137.9)	6000 (268.9)
3"	316 Inc Mon Hast C	2500 (137.9)	6000 (420.6)
4"	316 Inc Mon Hast C	2500 (137.9)	6000 (268.9)
6"	316 Inc Mon Hast C	2500 (137.9)	6000 (351.6)
8"	316 Inc Mon Hast C	2500 (137.9)	6000 (351.6)

*Consult factory for additional sizes and pressures.

Let us help you with all
your pressure relief questions.
Call us at **(800) 395-3475**
or email us at **info@oseco.com**.
www.oseco.com

