SeaVent® Relief Valves

Multiple Options for Different Applications.





FEATURES

Ultra Small

Dual O-ring Options

Adjustable Cracking Pressures

Also Functions as a Vacuum Port

6,000 m and 11,000 m Depth Rated







SeaVent® Relief Valves

| | Double Dual Seal | Single Dual Seal | Single Seal SAE | Single Seal Face |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------|
| Mechanical Specifications | | | | |
| Material | Titanium 6AI-4V PEEK | Titanium 6AI-4V Aluminum 6061 Stainless Steel 316 (passivated) | Stainless Steel 316 (passivated) | Titanium 6AI-4V Aluminum 6061 Stainless Steel 316 (passivated) |
| Diameter | 18.9 mm [0.75 in.] | 20.6 mm [0.81 in.] | 14.3 mm [0.56 in.] | 18.4 mm [0.73 in.] |
| Length | 16.8 mm [0.66 in.] | 24.7 mm [0.97 in.] | 25 mm [0.98 in.] | 23.1 mm [0.91 in.] |
| Weight in Air | 8.3 g [0.29 oz] | 14.1 g [0.49 oz.] (Titanium) | 12.9 g [0.46 oz] | 11.7 g [0.42 oz] (Titanium) |
| Weight in Water | 6.1 g (Titanium) | 11.0 g (Titanium) | 10.6 g | 9.6 g (Titanium) |
| Threads | 7/16 - 20, with #4 J1926 Port | 7/16 - 20, with #4 J1926 Port | 7/16 - 20, with #4 J1926 Port | 7/16" - 20 |
| Environmental Specifications | | | | |
| Depth | 11,000 m (Ti) 6,000 m (PEEK) | 11,000 m (Ti) 6,000 m (Al and SS) | 6,000 m | 11,000 m (Ti) 6,000 m (Al and SS) |
| Temperature | 0° C to 40° C [32° F to 104° F] | 0° C to 40° C [32° F to 104° F] | 0° C to 40° C [32° F to 104° F] | 0° C to 40° C [32° F to 104° F] |
| Default Cracking Pressure | 10 psi ± 20% | 10 psi ± 20% | 25 psi ± 20% | 10 psi ± 20% |
| Cracking Pressure Range | 5 to 10 psi | Default: 5 to 15 psi Optional: 15 to 25 psi | Default: 15 to 25 psi Optional: 5 to 15 psi | 5 to 15 psi |
| [inch] mm | [.66] 16.8 16.8 10.8 10.8 018.9 | $ \begin{bmatrix} .97 \\ 24.7 \\ & [.50] \\ & [.50] \end{bmatrix} $ $ \begin{bmatrix} .81 \\ & 0 \end{bmatrix} $ $ \begin{bmatrix} .75 \\ .9 \end{bmatrix} $ $ \begin{bmatrix} .75 \\ .9 \end{bmatrix} $ | [.56] \$\phi\$ [.56] \$\phi\$ [.50] 12.7 | [.91] 23.1 [.51] [.73] ϕ 18.4 |
| Available Accessories Vacuum/Fill Attachment Vacuum Attachment ¹ N/A Vacuum Attachment ¹ | | | | |
| vacuum/riii Attaciiment | | vacuum Attaciiment | IN/A | |
| [inch] mm [1.61] 40.9 10-32 UNF | | (2.00) VACUUM FITTING PRV | | (2.00) 50.8 FITTING PRV |

¹ Requires ½-NPT Threaded Male Adapter (Sold Separately)

