Oil and Gas Bellows

Overview
BellowsTech understands the hazardous conditions, remote locations, and the need for accurate, repeatable measurements for oil and gas bellows. Whether the bellows is a component in a lift valve, part of a sub-sea ROV or transformer, or a precision component inside of a down-hole tool, BellowsTech can customize its bellows to survive the high temperatures, pressures, and corrosive media associated with the oil and gas industry. Valve equipment used in the oil and gas industry relies on edge welded bellows from BellowsTech to ensure proper seating, containment and movement within the valve housing. Metal bellows technology is employed in sub-sea transformers to monitor, balance and contain the differential pressure of sea water and oil. Learn from us how we can serve you.

Specifications

<table>
<thead>
<tr>
<th>Material</th>
<th>Stainless Steels, Alloys, &amp; Titanium available. Consult Factory.</th>
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</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>From 0.002&quot; and up every 0.001&quot;</td>
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<tr>
<td>Standard Leak Rate</td>
<td>From &lt;1x10^-9 std CC He/sec (check material)</td>
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<tr>
<td>Size Ranges</td>
<td>0.396&quot; (10.058mm) to 26&quot; (660mm)</td>
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<td></td>
<td>0.2&quot; (5.08mm) to 25.5&quot; (648mm)</td>
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<td>Shapes</td>
<td>Round; Non-Round avail. Contact Factory</td>
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<tr>
<td>Length</td>
<td>Up to 96&quot; (244 cm)</td>
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</table>

Why Choose BellowsTech?
Work with the best engineers in the industry to develop a custom bellows

Popular Products
Actuators
ISO 9001 - March 2011
Inconel Bellows
Excellent Response Time
Stainless Steel Bellows
Superior Performance
Hastelloy Bellows
Competitive Pricing

Why Choose Edge Welded Bellows?
Of the three major metal bellows technologies, edge welded metal bellows have the highest stroke length, reaching 90% of its free length. This flexibility allows for increased expansion and contraction of the bellows. Edge welded bellows can be exposed to extreme temperatures and media with a wide selection of materials. Both the inside and outside of the bellows can be exposed liquids and gases. Edge welded metal bellows also have a high cycle life to produce repeatable results and round or square shapes.

Outlines

Lateral Offset

Angular Offset

Axial Compression and Extension