Auxiliary Accumulator System

Six Shooter™

The Auxiliary High Pressure Accumulator System, Six Shooter™, solves the challenge of meeting 45-second minimum closing times at the maximum allowable surface pressure for ROV intervention systems. As requirements for secondary BOP stack control become increasingly stringent, operators benefit from our proven, regulatory compliant method of ROV intervention.

FEATURES

- Capable of ram closure in 45 seconds
- Selectable, pressure-regulated output
- Subsea rechargeable volume
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Our solution provides a modular, independent source of subsea accumulated volume that can be accessed quickly and easily for emergency BOP intervention. Any ROV of opportunity can connect the Six Shooter™ to the BOP stack via hydraulic flying leads and industry-standard 17H high-flow hot stabs. ROV-operable paddle valves on control panels allow convenient and direct control.

The Oceaneering® Six Shooter™ can supply high-flow (100 gal/min) control fluid at selectable pressures (5,000 psi and 3,000 psi or 3,000 psi and 1,500 psi) with its dual pressure regulators. A secondary Six Shooter™ module can be incorporated into the system if more volume is required.

The Six Shooter™ is purpose built to meet today’s requirements for BOP intervention and secondary control and is designed for long-term subsea deployment. Oceaneering completes maintenance and recertifications ensuring the Six Shooter™ is ready for emergency use at any time.

Features

» Capable of ram closure in 45 seconds
» Selectable, pressure-regulated output
» Subsea rechargeable volume
» Reliable, cycle-tested components
» Modularity for optional increased volume
» Flexible subsea installation options
» Proven, simple deployment scenarios
» Periodic OEM recertification availability

Technical data

<table>
<thead>
<tr>
<th></th>
<th>Primary module</th>
<th>6 x piston-style, 100 gallon accumulators</th>
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<tbody>
<tr>
<td>Rated output pressure</td>
<td>5,000 psi</td>
<td></td>
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<tr>
<td>Rated charge pressure of each accumulator</td>
<td>7,500 psi</td>
<td></td>
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<tr>
<td>Rated output flow</td>
<td>100 gal/min</td>
<td></td>
</tr>
<tr>
<td>Weight in air</td>
<td>60,000 lb / 27,216 kg</td>
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<tr>
<td>Weight in water</td>
<td>45,000 lb / 20,412 kg</td>
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<tr>
<td>Installation method</td>
<td>From service vessel using mudmat with central guide pin (as standard, other options available)</td>
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