Type 62 Blowout Preventer

Our Type 62 ram BOP is designed for safe well pressure control during surface and subsea drilling operations. The hydraulic ram change operation provides a fast, safe removal and replacement of rams. Moreover, well pressure is isolated from the operating system by a special combination of a resilient lip type seal, externally energized back-up seal, and a vent port. This important feature ensures no leakage of the well fluids into the operating system.

SPECIFICATIONS

- Designed and manufactured to ISO 13533 (API 16A) for drill-through equipment
- Designed as standard to ISO 15156-1 (NACE MR-0175) for use in hydrogen sulfide environments
- Manual ram locking device available for surface operations
- Automatic hydraulic locking device can be used for subsea operations (no additional hydraulic lines required and operational over the full stroke of the BOP)
- Flanged or studded end connections with BX or CX type gaskets are available
- Large assortment of ram sizes and types are available

FEATURES / BENEFITS

- Side ram removal and composite bonnet design features reduced height and weight
- Bore sealing bonnet seal reduces bonnet stud torque
- Industry proven hydraulic seals and bearings prevent metal to metal contact during all BOP operations
- Integral shear booster assemblies can be added for increased shear capabilities
- Oval ram and cavity design reduces stresses in the BOP body
- Single piece ram provides pressure energized well bore seal
- Large operating piston area and optional shear boosters for reliable shearing operations
# Type 62 Blowout Preventer

## SPECIFICATIONS

### Operating Data and Fluid Requirements

<table>
<thead>
<tr>
<th>Bore Size &amp; Working Pressure</th>
<th>Gallons to Open Rams</th>
<th>Gallons to Close Rams</th>
<th>Locking Screw Turns Each End</th>
<th>Closing Ratio</th>
<th>Opening Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-3/4&quot; 15,000 psi Standard Bonnets</td>
<td>23.7</td>
<td>25.6</td>
<td>50</td>
<td>6.7:1</td>
<td>3.1:1</td>
</tr>
<tr>
<td>18-3/4&quot; 15,000 psi Standard Bonnets w/Boosters</td>
<td>37.6</td>
<td>39.6</td>
<td>50</td>
<td>14.3:1</td>
<td>6.9:1</td>
</tr>
</tbody>
</table>

### BOP Dimensions and Weight

<table>
<thead>
<tr>
<th>Bore Size &amp; Working Pressure</th>
<th>Style</th>
<th>Height (in) Stdd X Flg</th>
<th>End-to-End Length Open / Close (in)</th>
<th>Width (in)</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-3/4&quot; 15,000 psi Standard Bonnets</td>
<td>Single</td>
<td>49.5</td>
<td>235 / 192.5</td>
<td>47</td>
<td>29,470</td>
</tr>
<tr>
<td>18-3/4&quot; 15,000 psi Standard Bonnets</td>
<td>Double</td>
<td>82</td>
<td>235 / 192.5</td>
<td>47</td>
<td>55,440</td>
</tr>
<tr>
<td>18-3/4&quot; 15,000 psi Standard Bonnets w/Boosters (1 Cavity)</td>
<td>Double</td>
<td>82</td>
<td>287.5 / 245</td>
<td>47</td>
<td>70,620</td>
</tr>
</tbody>
</table>

## Additional Rendering

![Type 62 Blowout Preventer Diagram](image-url)