The Short Bit to Bend (SBTB) Stack is a mud lubricated bearing assembly capable of achieving high build rates while having a lower setting of offset on either an adjustable or fixed housing assembly. By lowering the required offset compared to conventional motors, the SBTB motor can be rotated during drilling without costly damages, resulting in drilling horizontal wells without a trip, from vertical build to horizontal with one setting.

The SBTB Motor features the same reliable components as the conventional Rubicon motors for driveshaft and adjustable assemblies, and features new age bearings to take on and off bottom axial loads that shortens the motor in bearing length.

**Applications**
Vertical, directional, horizontal and short radius applications

**Features**
- New age bearings allow for high on and off bottom loads in compact design.
- Improved Weight on Bit capacity.
- Available up to 3 degree adjustable and fixed housings.
- Can be run in all mud types.
- Choice of thread protector or a thread on stabilizer according to drilling situations.
- Oversize driveline handles high torque and stalls.

**Customer Benefits**
- Compact stack allows greater build rates with a lower offset angle than conventional motors.
- Greatly increased motor steer-ability due to lower offset.
- Horizontal wells can be drilled with one trip, no need to trip for adjustment.
- Less deflection in motor while rotating.
- Straighter well bores with less deviation.

**Specifications**

<table>
<thead>
<tr>
<th>Body Size</th>
<th>Hole Size</th>
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<tbody>
<tr>
<td>4-3/4&quot;</td>
<td>5-7/8&quot; to 6-1/4&quot;</td>
</tr>
<tr>
<td>5&quot;</td>
<td>6&quot; to 6-1/2&quot;</td>
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<tr>
<td>6-1/2&quot;</td>
<td>7-7/8&quot; to 8-3/4&quot;</td>
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<tr>
<td>6-3/4&quot;</td>
<td>8-1/2&quot; to 9-7/8&quot;</td>
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<tr>
<td>8&quot;</td>
<td>11-7/8&quot; to 12-1/4&quot;</td>
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