

ID: 0065109020 IADC: 217



The SB product line of roller cone bits are designed for less challenging applications, engineered with fit-for-purpose materials and designs to deliver reliability and performance. SB bits incorporate: • Field proven technology • Solid ROP • Reliable bearing packages • Lubricants and elastomers that provide reliable performance • Predictable cutting structures and hardfacing • Applicable to very soft to medium formation drilling

### Specifications

Bit Connection Type	4 1/2 Reg
Bearing Type	Sealed Friction Bearing
Seal Type	V-Ramp O-Ring Seals
Inserts and Teeth	Total: 126 Inner: 75 Gauge: 51
Rows	Total: 10 Inner: 7 Gauge: 3

### Operating Parameters

Weight-on-Bit	10,000 to 45,000 lbs 4,450 to 20,025 daN 5 to 20 tonnes
Bit Rotary Speed	140 to 40
Recommended Makeup Torque	12,000 - 16,000 lbs-ft

### FEATURES

- The sealed friction bearing with pressed in bearing sleeve provides a robust, reliable system capable of excellent performance in a wide range of applications.
- The V-Ramp seal's unique design distributes contact pressure over a wider contact area ensuring a more consistent track on the bit leg. This results in extended seal life which allows the bit to stay in the hole longer and drill more footage.
- Premium hardmetal material reduces wear, provides superior durability and ensures that a full gauge hole is drilled.

