

DuraMax high-performance downhole motors

Optimized power and rugged design for maximum efficiency and effectiveness in motor drilling applications of the well

The **DuraMax™ high-performance downhole motors** from Baker Hughes representing the latest generation of positive-displacement motors from Baker Hughes, deliver superior directional drilling functionality, durability, and reliability.

Operators are looking to reduce operating costs and drill more wells faster to keep up with the steep decline curves in unconventional wells. For conventional directional drilling applications, this means getting more power and torque to the drill bit and minimizing non-productive time (NPT) resulting from unplanned trips for motor failures.

The DuraMax downhole motor has been completely redesigned, leveraging the state-of-the-art research and modeling techniques from Baker Hughes to produce the most ruggedized, reliable, and power-optimized motor in the market. It provides increased horsepower, torque, and durability to drill the curve and lateral in one run and to drill extended laterals. For performance and directional drilling applications, the DuraMax will deliver faster penetration rates due to the high weight-on-bit (WOB) capability. The short bit-to-

bend optimizes directional control and, combined with high penetration rates, will complete your well with maximum efficiency and effectiveness—in fewer days, and with lower drilling costs.

Baker Hughes delivers a significant advantage derived from its holistic approach to the DuraMax motor—providing the design, engineering, and manufacturing from one company. The motor components work seamlessly together with no weak links that could limit durability or performance. Motor improvements include contour designs, an improved rotor stator fit, and high-strength outer connections that prevent over-torque and damage while drilling. The optimized bit-to-bend enables faster build up rates, easy sliding with good tool-face control, and higher string RPM for better performance when rotating the drill string.

To learn more about how the Baker Hughes DuraMax motors can improve drilling performance on your next well, contact your Baker Hughes representative or visit bakerhughes.com.

Applications

- Conventional directional drilling
- Unconventional horizontal drilling
- Harsh or interbedded formations
- Long horizontal or extended-reach wells
- Performance drilling

Benefits

- Enables well completion in fewer days, lowering costs
- Improves performance consistency
- Drills curves and laterals in one run
- Avoids NPT from premature motor failure
- Increases penetration rates and efficiency