

# ESX™

## Extended Slow Speed POWER SECTIONS

### ESX™ POWER SECTIONS INCREASE ROP Up to 83%.

ESX extended slow speed power sections are designed to address the need for low RPM motor drilling in hard formation applications. The low speed, high torque design of the ESX extended slow speed power sections provides operators with the option to use either roller cone or PDC bits, depending on the characteristics of the application. Low RPM ensures that roller cone bits will be able to drill for extended periods of time, and high torque delivers the power required to optimize ROP with either PDC or roller cone bits.

The ESX extended slow speed power sections recently defied conventional wisdom in deep Wyoming rock. There, project crews boosted ROP as much as 83%, outperforming bits running at increased motor speeds.

#### ESX Extended Slow Speed Power Sections:

- Require very low pressure differentials
- Deliver more torque compared to power sections with similar stator diameter
- Speed ranges from 30 to 80 RPM
- Torque ranges from 3,500 ft.-lbs. to more than 11,000 ft.-lbs.
- Output verified on Dyna-Drill's in-house 1,000 HP dynamometer
- Available in 4 3/4", 6 1/4", 6 1/2", 6 3/4" and 9 5/8"



Contact your Dyna-Drill representative and let ESX extended slow speed power sections put more power into your PDM.

[www.dyna-drill.com/esx.asp](http://www.dyna-drill.com/esx.asp)

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