

# Drilling Motors – Fixed Bend Short Bit Box to Bend

JA Oilfield **Fixed Bend Short Bit box to Bend Drilling Motors** are designed to put the directional driller in full control of the directional wellpath construction process. With approximately a 51 inch Bit-box to Fixed Bend distance, achieving directional wellpath targets is easier with less toolface variations during slide drilling mode and predictable build-rate performance in 3D directional wellpath construction.

The Fixed Bend Short Bit box to Bend Drilling motor features power sections and drive train engineered to deliver high torque and high speed at design differential pressures and flow rates respectively. With the fixed bend, the greater torsional strength of the fixed bend housing permits rotary speeds at higher bend angles.

Placed in the hands of directional drillers, the ability to hold toolface, achieve highside orientation quickly and alternate between sliding and rotary modes for precise curve or directional wellpath construction is unmatched.

### FEATURES & BENEFITS

- Higher WOB capacity
- Ability to rotate at Fixed bend angles up to 2.5 deg.
- Rugged drive train comprising optimized saddle supported drive sub and bearing assembly
- High torque Medium speed Power sections selected for demanding application requirements for Motor to Hole size range
- Industry-competitive bit box to fix bend of 51 in.
- Pin down subs and straight housings are available for use with Rotary Steerable Systems to enable high downhole RPM.

Motor Size (in)	Nominal Bearing Assembly OD (in)	Series	Bit Box to Bend (in)	Bit Box to Fixed Bend (in)	Hole Size (in)	Standard Bit Box Thread (API)	Operating Capacity				Power Section				
							WOB [lbs]	Bit Overpull [lbs]	Internal Torque [ft-lbs]	Flow Rate [gpm]	Power Config.	Speed Range [RPM]	Rotation (rev/gal)	Max Diff. Pressure [psi]	Max Power [hp]
8-1/4	8.25	JAFXSBBM825	51	51	9-7/8 – 12-1/4	6-5/8" Reg	97,250	97,250	28,000	400 - 1200	7/8 7.0	60 - 160	0.155	1650	770

For more information  
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