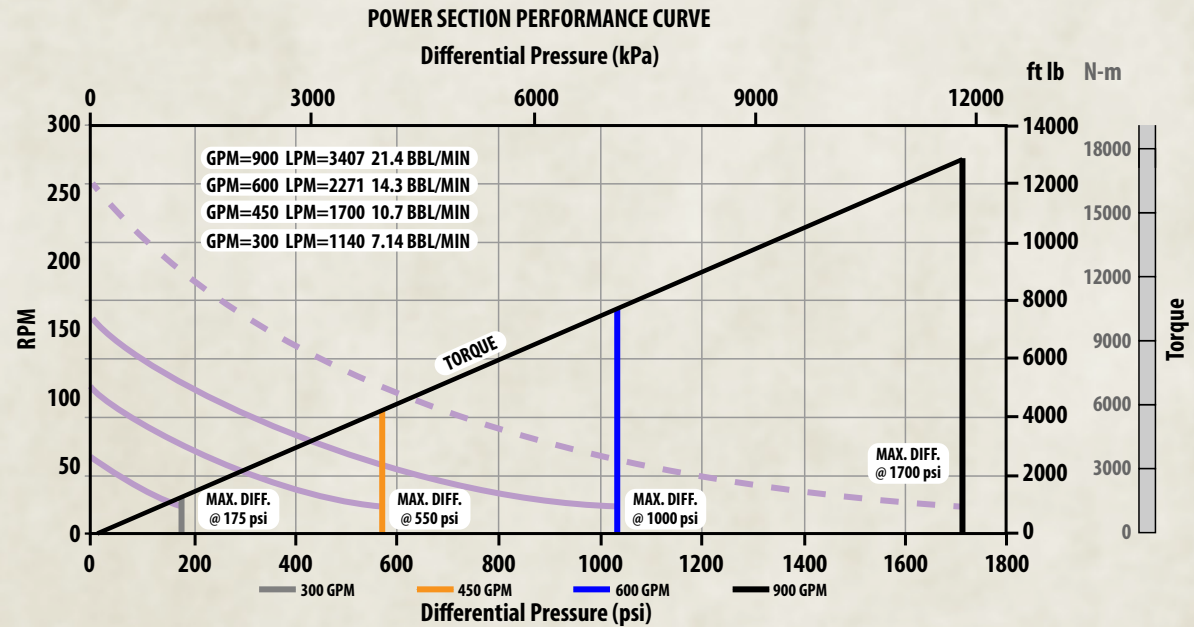


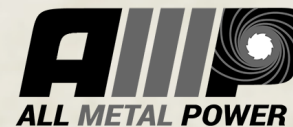
	Imperial	Metric
Overall Length	168.7 in	4284 mm
Bit-to-Bend Length	53.15 in	1350 mm
Nominal Diameter	7.00 in	178 mm
Top Connection	4 1/2 IF BOX	
Bottom Connection	4 1/2 REGULAR BOX	
Well Size	8 1/2 - 12 1/4 in	216 mm - 311 mm
Weight	1438 lbs	652 kg
Temperature Rating	572°F	300°C
Continuous Operating WOB (Dynamic)	79000 lbf	35141 daN
Maximum WOB (Static)	290000 lbf	128998 daN
Flow Rate	300 - 900 GPM	1140 - 3407 LPM
Rev/Unit volume	@ 300 - 0.19 rev/gal	@ 300 - 0.05 rev/l
	@ 450 - 0.24 rev/gal	@ 450 - 0.06 rev/l
	@ 600 - 0.26 rev/gal	@ 600 - 0.07 rev/l
	@ 900 - 0.29 rev/gal	@ 900 - 0.077 rev/l
No Load Bit Speed	55 - 250 RPM	
Maximum Differential Pressure	1700 psi	11721 kPa
Full Load Torque	12800 ft lb	17354 Nm
Power	90 HP	67 kW

Compatible with oil-based muds, acids, solvents, and high chloride content fluids.



Operational specifications are for reference only. Actual tool performance may vary depending on a variety of downhole conditions. Performance data is subject to change without notice.

Your Everyday Workhorse™



Straight or Fixed Bend Assembly options available.
Optional Slick or Bladed Housing.



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