

RE|FLEX Technologies

RE|FLEX Premium Drilling Motors by InFocus are a major advancement in PDM technology. Metal-to-Metal power sections are rated to temperatures greater than 300°C (572°F), so they are not susceptible to extreme temperature and most mud-related issues seen with traditional PDM's.



The RE|FLEX Premium bearing section is a proprietary design, developed to convert extreme loading parameters into efficient drilling action.

The RE|FLEX Premium motor features proprietary fatigue-resistant connections not only for best-in-class torque capacity, but intended to maximize resistance to bending stress.

Internal components are optimized for cyclic fatigue-loading (bending stress) which is another common failure mechanism seen in the form of twist-offs.

The unique, simplified design of the RE|FLEX Premium bearing section is built with the highest quality materials and patent-pending processes to ensure reliable operating life for years to come.

SPECIFICATIONS - THRU-TUBING APPLICATIONS

RE FLEX Motor	Configuration	Overall Length	Fixed Bend Length	Nominal Diameter	Top Connection	Bottom Connection	Well Size	Maximum Weight On Bit	Flow Rate	No Load Bit Speed (RPM)	Maximum Differential Pressure	Full Load Torque	Power
1 11/16 in 43 mm **	5:6 4.4 AMP	125 in 3175 mm	*	1.70 in 43 mm	NC 12 (1.00" API REG)		1 7/8 - 2 3/4 in 48 - 70 mm	12000 lbf 5338 daN	20-40 GPM 75-151 LPM	202-404	2194 psi 15125 kPa	266 ft-lb 361 Nm	12 HP 9 kW
2 1/8 in 54 mm	7:8 5.1 AMP	153 in 3876 mm	*	2.18 in 55 mm	1 1/2" API REG		2 5/32 - 3 3/4 in 60 - 95 mm	22500 lbf 10000 daN	50-90 GPM 189-341 LPM	285-600	1950 psi 13445 kPa	285 ft-lb 386 Nm	13 HP 9.7 kW
2 7/8 in 73 mm	9:10 3.8 AMP	164 in 4166 mm	*	2.90 in 74 mm	NC 16 (2 3/8 PAC)		3 5/8 - 3 7/8 in 92 - 98 mm	22500 lbf 10000 daN	50-150 GPM 189-567 LPM	183-550	1950 psi 13445 kPa	890 ft-lb 1206 Nm	93 HP 70 kW
3 1/8 in 79 mm **	9:10 3.8 AMP	178 in 4521 mm	*	3.15 in 80 mm	NC 23 (2 3/8 REG)		3 7/8 - 4 1/2 in 98 - 114 mm	28000 lbf 12450 daN	100-250 GPM 379-946 LPM	165-412	3451 psi 23797 kPa	2258 ft-lb 3061 Nm	37 HP 28 kW

The AMP power section is rated to 572°F (300°C). Compatible with oil-based muds, acids, solvents, and high chloride content fluids.

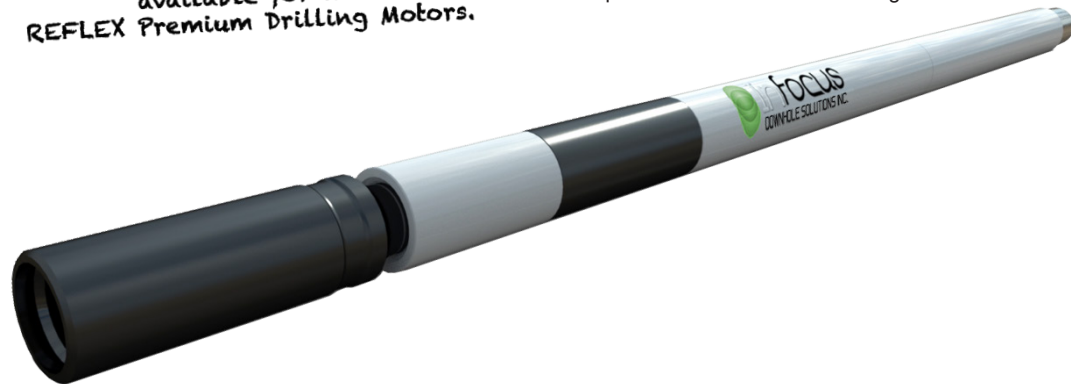
* Available Upon Request

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.

** In development.

** CONVENTIONAL Power Sections are available for all REFLEX Premium Drilling Motors.*

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



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