



Mud Motor Specification Sheet

6.50" 2/3 7.8 (1.00) 6.50" OD, 2/3 Lobe, 7.8 Stages

Physical Data

Bit size range	Bit box connection	Top sub connection	Maximum weight on bit	Maximum overpull
7 7/8" - 8 3/4"	4 1/2" Reg	4 1/2" XH	39,500 lbs	200,000 lbs

Recommended Drilling Fluid Properties

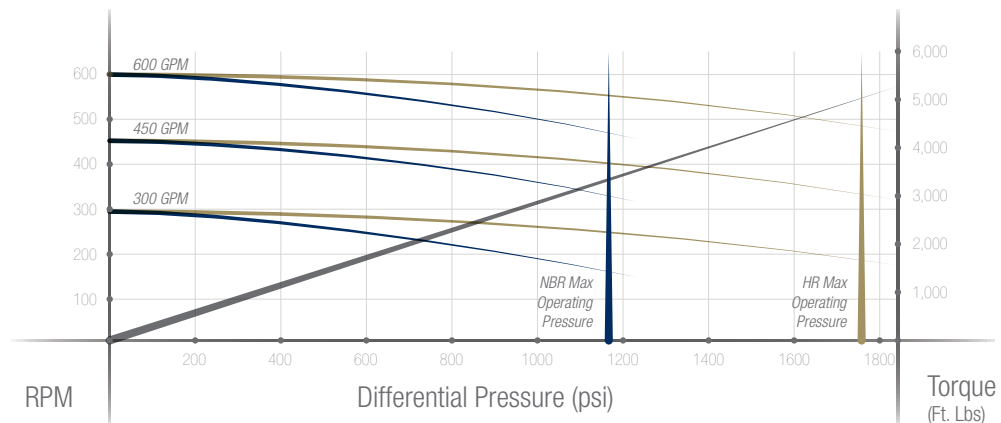
Sand content (Maximum)	Low gravity solids (LGS) (Maximum)	Total solids (Maximum)	pH	Aniline point (OBM) (Minimum)	Chlorides (Maximum)	Lost circulation material (LCM)
Trace	4%	8%	8 to 10	165° F	150,000 ppm	Thoroughly mix before pumping downhole

Performance Specifications

	Rev / Gal	Flow range	Speed range	Max operating diff pressure	Torque at max operating diff pressure	Stall diff pressure	Torque at stall pressure	Max temp for max operating diff pressure
NBR	1.00	300 - 600 GPM	300 - 600 RPM	1,170 psi	3,288 ft. lbs	1,755 psi	4,932 ft. lbs	150° F*
HR	1.00	300 - 600 GPM	300 - 600 RPM	1,755 psi	4,932 ft. lbs	2,633 psi	7,397 ft. lbs	150° F*

* For temperatures exceeding 150° F, please refer to Hunting's derating of differential pressure due to downhole temperature.

- HR Elastomer •
- NBR Elastomer •
- Torque •



Dimensional Data

Continuous Maximum Rotary RPM

	Bit to Bend	Bit to Stabilizer	Overall Length	1.25° Bend	1.50° Bend	1.83° Bend	2.12° Bend	2.38° Bend
Straight	NA	32 1/2"	32 ft	Straight Configuration: 80 RPM				
Fixed Bend	NA	NA	NA	NA	NA	NA	NA	NA
Adjustable	NA	NA	NA	NA	NA	NA	NA	NA

Predicted Build Rates Degrees / 100 Ft.

Hole Size	Configuration	1.25° Bend	1.50° Bend	1.83° Bend	2.12° Bend	2.38° Bend
7 7/8" Hole	Slick					
	Stabilized					
8 1/2" Hole	Slick					
	Stabilized					
8 3/4" Hole	Slick					
	Stabilized					