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# Mud Motor Specification Sheet

## 8" 7/8 3.0 (.17) 8" OD, 7/8 Lobe, 3.0 Stages

### Physical Data

Bit size range	Bit box connection	Top sub connection	Maximum weight on bit	Maximum overpull
9 7/8" - 12 1/4"	6 5/8" Reg	6 5/8" Reg Box	87,000 lbs	327,000 lbs

### Recommended Drilling Fluid Properties

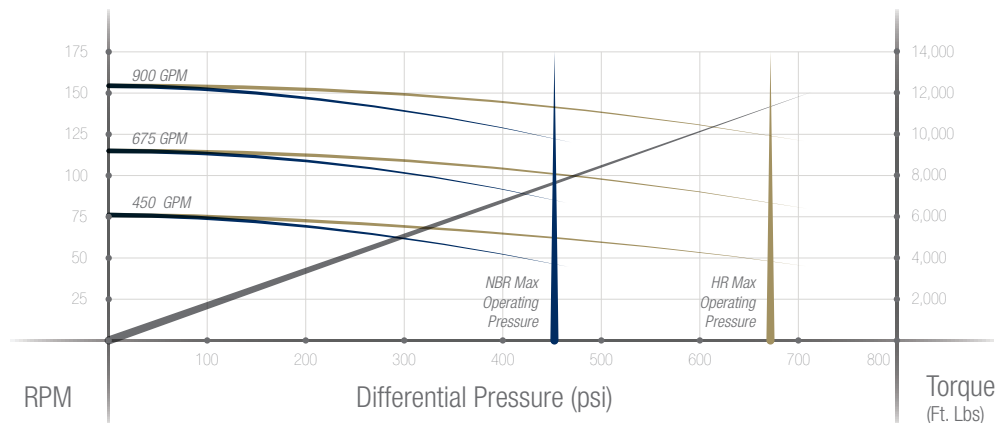
Sand content (Maximum)	Low gravity solids (LGS) (Maximum)	Total solids (Maximum)	pH	Aniline point (OBM) (Minimum)	Chlorides (Maximum)	Lost circulation material (LCM)
Trace	4%	8%	8 to 10	165° F	150,000 ppm	Thoroughly mix before pumping downhole

### 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	0.17	450 - 900 GPM	77 - 153 RPM	450 psi	7,497 ft. lbs	675 psi	11,246 ft. lbs	150° F*
HR	0.17	450 - 900 GPM	77 - 153 RPM	675 psi	11,246 ft. lbs	1,013 psi	16,868 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	42"	30 ft. 10 in	Straight Configuration: 80 RPM				
Fixed Bend	98"	42"	26 ft. 5 in	60	50	40	30	20
Adjustable	98"	42"	26 ft. 5 in	60	40	Not Recommended	Not Recommended	Not Recommended

### Predicted Build Rates Degrees / 100 Ft.

Hole Size	Configuration	1.25° Bend	1.50° Bend	1.83° Bend	2.12° Bend	2.38° Bend
9 7/8" Hole	Slick	6.00	7.93	10.49	12.73	14.75
	Stabilized	8.17	9.62	11.53	13.20	14.71
12 1/4" Hole	Slick	0.63	2.56	5.12	7.36	9.37
	Stabilized	10.03	11.47	13.38	15.06	16.57