

DOMINATOR SERIES Mud Motors

Features

- High temperature elastomer in all motors and seals.
- Highest strength and quality material used in all aspects of design.
- Advanced lubrication design extends down hole run time up to 500 hrs.
- Extreme torque / direct drive shaft with sealed bearing pack transmission.

Patented Transmission Extends Life & Torque Capacity

- Rugged no slip/direct drive design provides immediate power to bit.
- Pre-loaded bearing design reduces motor fatigue and increases roller bearing life by decreasing fretting while drilling.
- Unique transmission design transcends the newest high torque power sections available on the market.

Drilling Records

Permian Basin- Eagleford - Average ROP over 100 ft/hr drilling with a 6.75" motor.

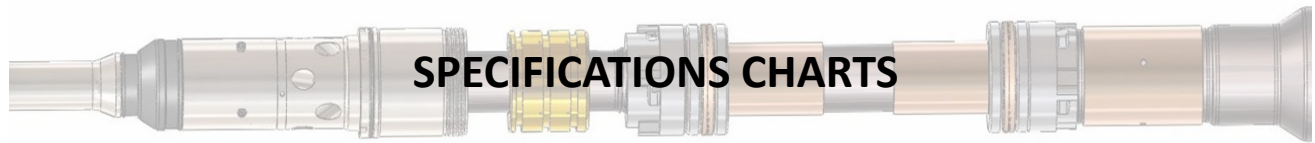
Texas Pan Handle - Finish of the curve from 70 to 90 deg and drilled 7500 ft lateral in one run - 97 hours.

Haynesville - Nacogdoches - Fastest and longest one bit intermediate run from 1900 ft to 10880 ft in 140 hours.



EXCEED Mud Motors Ultimate Performance & Reliability

Have Proven to Surpass the Competition



5" Mud Motors								
Lobe/Stage	5/6 6.7 HPW/HR	5/6 8.3 HPW/HR	6/7 9.0 HPW/HR	6/7 10.0 HPW/HR	7/8 2.6 ESX	7/8 3.0 ESX	7/8 3.7 HPW/HR	7/8 4.5 SX
Rotation (rev/gal)	0.63	1	0.855	0.840	0.26	0.26	0.356	0.62
Stall Torque	9970 (ft/lb)	7840 (ft/lb)	9730 (ft/lb)	10920 (ft/lb)	9090 (ft/lb)	10620 (ft/lb)	9390 (ft/lb)	7350 (ft/lb)
Max Differential	1580 psi	1960 psi	2120 psi	2350 psi	620 psi	710 psi	870 psi	1180 psi
Flow Range	150 - 350 GPM	100 - 300 GPM	100 - 350 GPM	100 - 350 GPM	150 - 300 GPM	180 - 330 GPM	180 - 330 GPM	150 - 300 GPM
Max Temp.	375°F	375°F	375°F	375°F	375°F	375°F	375°F	375°F
Fit	0.052- 0.084	0.022- 0.096	0.021- 0.071	0.040- 0.063	0.016- 0.074	0.035- 0.056	0.031- 0.061	0.023- 0.065
Rubber	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR
6 3/4" Mud Motors								
Lobe/Stage	4/5 7.0 HPW/HR	6/7 5.0 HPW/HR	7/8 3.3 HTS	7/8 5.7 SX	7/8 6.0 HPW/HR	7/8 6.4 HPW/HR		
Rotation (rev/gal)	0.494	0.3	0.15	0.23	0.27	0.27		
Stall Torque	13890 (ft/lb)	15510 (ft/lb)	20710 (ft/lb)	22370 (ft/lb)	20120 (ft/lb)	21470 (ft/lb)		
Max Differential	1650 psi	1180 psi	780 psi	1340 psi	1410 psi	1510 psi		
Flow Range	300 - 600 GPM	300 - 600 GPM	300 - 600 GPM	300 - 600 GPM	300 - 600 GPM	300 - 600 GPM		
Max Temp.	375°F	375°F	375°F	375°F	375°F	375°F		
Fit	0.005 - 0.092	0.036 - 0.085	0.029 - 0.072	0.035 - 0.087	0.031 - 0.080	0.043 - 0.080		
Rubber	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR	NBR- HPW/HR		

7" Mud Motors

Lobe/Stage	6/7 6.5 HPW/HR	6/7 8.4 HPW/HR	6/7 11.4 HPW/HR	7/8 6.8 HPW/HR
Rotation (rev/gal)	0.23	0.3	0.42	0.304
Stall Torque	26280 (ft/lb)	26060 (ft/lb)	18410 (ft/lb)	24070 (ft/lb)
Max Differential	1530 psi	1980 psi	1920 psi	1600 psi
Flow Range	400 - 750 GPM	350 - 750 GPM	350 - 700 GPM	300 - 600 GPM
Max Temp.	375°F	375°F	375°F	375°F
Fit	0.056 - 0.083	0.053 - 0.079	0.048 - 0.076	0.059 - 0.083
Rubber	NBR-HPW/HR	NBR-HPW/HR	NBR-HPW/HR	NBR-HPW/HR

8" Mud Motors

Lobe/Stage	7/8 3.4 ESX	7/8 4.0 HPW/HR	7/8 5.9 HPW/HR	8/9 6.0 HPW/HR	9/10 3.0 ESX
Rotation (rev/gal)	0.087	0.155	0.155	0.216	0.112
Stall Torque	35480 (ft/lb)	23350 (ft/lb)	34440 (ft/lb)	24700 (ft/lb)	24860 (ft/lb)
Max Differential	800 psi	940 psi	1390 psi	1410 psi	680 psi
Flow Range	400 - 900 GPM	400 - 900 GPM	400 - 900 GPM	400 - 800 GPM	400 - 900 GPM
Max Temp.	375°F	375°F	375°F	375°F	375°F
Fit	0.029- 0.074	0.041 - 0.105	0.088	0.085	0.011 - 0.280
Rubber	NBR-HPW/HR	NBR-HPW/HR	NBR-HPW/HR	NBR-HPW/HR	NBR-HR

9 5/8" Mud Motors

Lobe/Stage	5/6 5.0 HPW/HR	6/7 5.0 HPW/HR	7/8 5.7 HPW/HR
Rotation (rev/gal)	0.127	0.127	0.126
Stall Torque	38260 (ft/lb)	37570 (ft/lb)	40830 (ft/lb)
Max Differential	1180 psi	1180 psi	1340 psi
Flow Range	700 - 1300 GPM	600 - 1300 GPM	600 - 1200 GPM
Max Temp.	375°F	375°F	375°F
Fit	0.082 - 0.109	0.076 - 0.117	0.1
Rubber	NBR-HPW/HR	NBR-HPW/HR	NBR-HPW/HR