



Adjustable Housing Mud Motors

3 3/4" PDM SPECIFICATION SHEET

Stator Configuration	3 3/4" 2.3 Stage HR	
Bearing Assembly	3 3/4"	95 mm
Volume	80-160 gpm	303 - 606 IPM
Speed	118 - 276 rpm	
Max Torque	2,736 ft/lb	3,709 N/m
Max. Diff. Pressure	1,047 psi	7,218 kpa
Bit to bend length	5.4 ft	1.65 mm
Overall length	24.92 ft	7.6 mm
Hole Size	4 3/4" - 5 7/8"	121 - 149 mm
Top connection	2 7/8" Reg	
Bottom connection	2 7/8" Reg	
Bearing load on bottom	Dynamic= 31,850 lb	14,477 Kg
	Static= 104,000 lb	47,273 Kg
Bearing load off bottom	Dynamic= 31,850 lb	14,477 Kg
	Static= 104,000 lb	47,273 Kg
Max Overpull (for re-runs)	100,000 lb	45,455 Kg
Absolute overpull	180,000 lb	81,818 Kg

Operating Specifications					
Volume		Rev/gal	Speed (rpm)	Torque(ft/lb)	Horse Power
80 gpm	303 lpm	0.58	42	1,670	10
120 gpm	454 lpm	0.58	95	1,423	15
160 gpm	606 pm	0.58	122	1,135	16