

MM5 | Mud Lubricated Drilling Motor

The MM5 mud lubricated bearing mud motor utilizes custom radial and thrust bearings to assist operators to drill longer in the harshest conditions. The bearings are cooled and lubricated by the drilling fluid and these are designed to ensure reliable load transfers from the BHA to the bit. Cougar motors are built to handle all drilling conditions from corrosive muds to high temperatures.

SPECIFICATIONS

Imperial

OD (in)	Hole Size (in)	Length (ft)	Bit to Bend (in)	Max WOB (lb)	Max Allowable Pull (lbs)	Pull to Yield Motor (lbs)	Max Flow (gpm)	Max Torque (ft-lb)
6 3/4	8 3/8 - 9 7/8	24 - 33	77	87,000	375,000	500,000	600	15,000

Metric

OD (mm)	Hole Size (mm)	Length (m)	Bit to Bend (mm)	Max WOB (daN)	Max Allowable Pull (daN)	Pull to Yield Motor (daN)	Max Flow (lpm)	Max Torque (N-m)
171	212 - 251	7.3 - 10	1,956	38,600	166,800	222,400	2,270	20,330

