



# 13 3/8" Innomag<sup>®</sup> String Magnet

Model BM 103

For cleaning out BOPs and casings above 16"  
NC 50 pin x box connections



Dimensional data	
Max OD, inch	13.375
Min ID, inch	3.0
Fish neck OD, inch	6.5
Length, mm	2003
Weight, kg	480
Mechanical properties	
Body material	AISI 4145
Tensile Yield strength, lbs	1 030 000
mt	468
Torsional Yield strength,* ft-lbs	25 000
Nm	33 900
Magnet Ribs, ea	8
Operational data	
Flow by area,** sq.in	152
Connection	NC 50 p x b
Max rotation, rpm	150
Swarf capacity,** kg	57
Rec'd make-up torque, ft-lbs	27 000

\*) This is for compressional loads on the internal threads.  
For twist off, the Tool Joint is the weakest member.

\*\*) inside 18 3/4" BOP