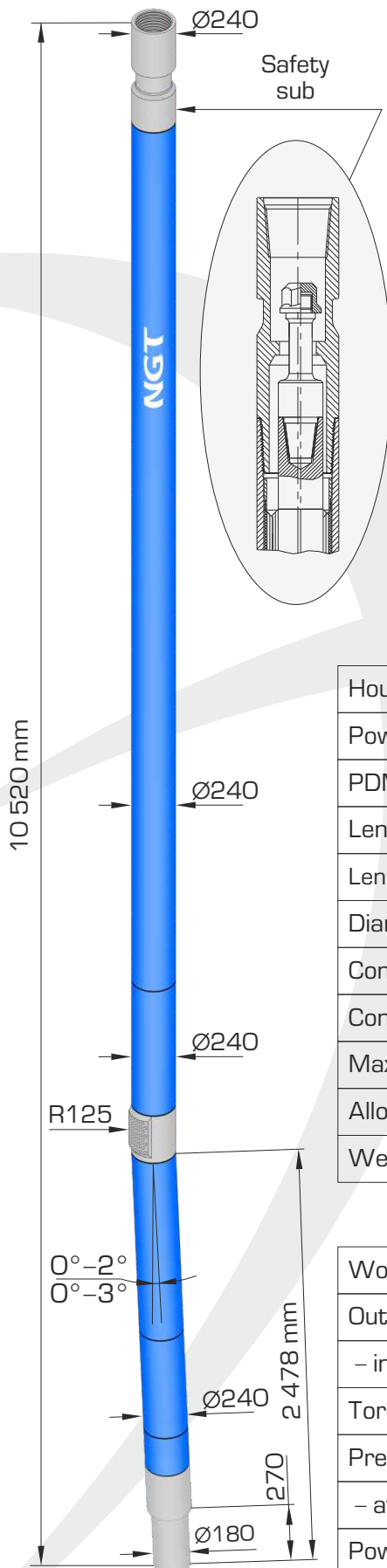


DR-240.NGT.5/6.63.M1



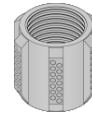
PDM DR-240.NGT.5/6.63.M1 is a new universal hydraulic downhole motor used for drilling of oil and gas wells with rock and PDC bits of 295.3 – 374.6 mm diameter.

An adjustable bent sub is placed between bearing section and power section. The adjustment range is between 0° and 2° or between 0° and 3°.

The bearing section has multi-row thrust ball bearing of enhanced load-carrying capacity and radial hard alloy bearings.

PDM is completed with imported extended power sections with enhanced operation life. The overhaul life reaches approximately 200 hrs.

PDM can be completed with replaceable centralizer:



Centralizer

Technical specification

Housing OD, mm	240/244
Power section lobe configuration	5/6
PDM length, mm	10 520
Length of stator rubber lining, mm	6 300
Length of bearing section up to a curvature point, mm	2 478
Diameter of bits used, mm	295,3–444,5
Connecting thread to drill pipes	6 5/8 FH
Connecting thread to bits	6 5/8 Reg
Maximum density of drilling mud, g/cm ³	1,9
Allowed axial load, kN	400
Weight, kg	2 784

Power specification

Working fluid flow rate, l/s	27,5–45
Output shaft rotation speed:	
– in no-load conditions, RPM	64–129
Torque at maximum power, kN*m	19,3
Pressure drop:	
– at maximum power, MPa	6,8
Power, kW	234