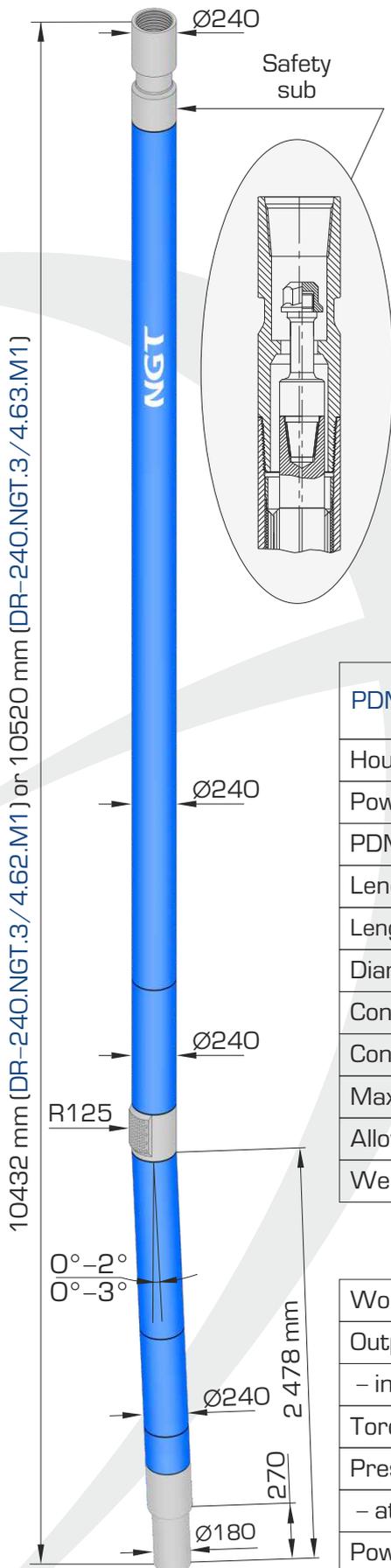


## DR-240.NGT.3/4.62.M1 and DR-240.NGT.3/4.63.M1



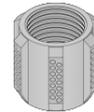
PDM's DR-240.NGT.3/4.62.M1 and DR-240.NGT.3/4.63.M1 are new universal hydraulic downhole motors used for drilling of oil and gas wells with rock and PDC bits of 295.3 – 374.6 mm diameter.

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.

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

PDMs can be completed with replaceable centralizer:



Centralizer

### Technical specification

PDM model	DR-240.NGT.3/4.62.M1	DR-240.NGT.3/4.63.M1
Housing OD, mm	240/244	240/244
Power section lobe configuration	3/4	3/4
PDM length, mm	10 432	10 520
Length of stator rubber lining, mm	6 200	6 300
Length of bearing section up to a curvature point, mm	2 478	2 478
Diameter of bits used, mm	295,3–444,5	295,3–444,5
Connecting thread to drill pipes	6 5/8 FH	6 5/8 FH
Connecting thread to bits	6 5/8 Reg	6 5/8 Reg
Maximum density of drilling mud, g/cm <sup>3</sup>	1,9	1,9
Allowed axial load, kN	400	400
Weight, kg	2 761	2 784

### Power specification

Working fluid flow rate, l/s	22–45	22,4–44,8
Output shaft rotation speed:		
– in no-load conditions, RPM	75–151	75–150
Torque at maximum power, kN*m	15,3	14,8
Pressure drop:		
– at maximum power, MPa	6,8	6,8
Power, kW	179	179