

PosiTrack TVM Tool

The PosiTrack™ Torsional Vibration Mitigation (TVM) tool is the new torsional vibration mitigation technology from NOV specifically designed to manage unwanted HFTO, torsional, and axial vibrations above and below the tool while effectively managing weight on bit.

Using a patented pressure compensated telescoping mechanism, the PosiTrack technology absorbs torsional oscillations and vibrations induced by stick-slip, drill bit overengagement, and inconsistent weight transfer. The PosiTrack technology provides torsional stability enabling RSS systems to stay on track improving drilling efficiency.

The PosiTrack protects valuable BHA components, reduces drill bit instability, and aids in drilling parameter optimization.



Features and Benefits

- Reduces stick-slip by mitigating torsional vibration
- Helps manage HFTO
- Optimizes drill bit depth of cut
- Absorbs torque spikes cause by sudden reduction in drill bit rpm
- Variable/adjustable settings
- Protects RSS, MWD/LWD, and mud motors from damaging torsional vibrations
- High temperature set up is available upon request. PosiTrack is rated to 150°C/230°C degrees
- Patented technology

Technical Data

OD	127 mm	133 mm	172 mm	210 mm	241 mm
ID	35 mm	35 mm	57 mm	70 mm	72 mm
Length	5.97 m	5.97 m	6.10 m	6.74 m	6.74 m
Weight	463 kg	529 kg	669 kg	1,411 kg	1,680 kg
Max stroke	25.4 cm	25.4 cm	19.7 cm	25.4 cm	25.4 cm
Torsional yield	27,660 Nm	31,320 Nm	55,860 Nm	109,280 Nm	135,580 Nm
Tensile yield	200,170 daN	227,750 daN	382,550 daN	511,990 daN	524,890 daN
Temperature rating	150°C/230°C	150°C/230°C	150°C/230°C	150°C/230°C	150°C/230°C