

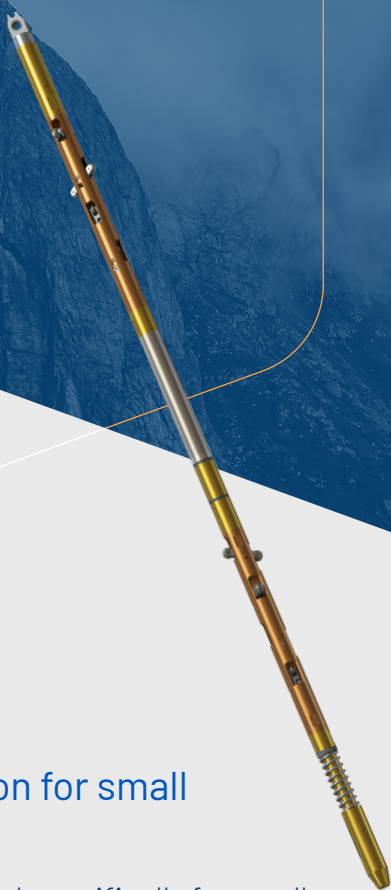


DeviGyro RG30 HELIX

Downhole navigation solution for small
diameter in-rod surveying

The DeviGyro RG30 Helix is designed specifically for small diameter, in-rod, wireline surveying, equipped with an extendable 30mm body and adaptable helix centralizers making it particularly suitable for drilling applications such as slim-rod RC Drilling.

Providing all the benefits which the innovative DeviGyro technology has to offer, the RG30 Helix is simply the latest purpose-built running gear configuration in the DeviGyro range.

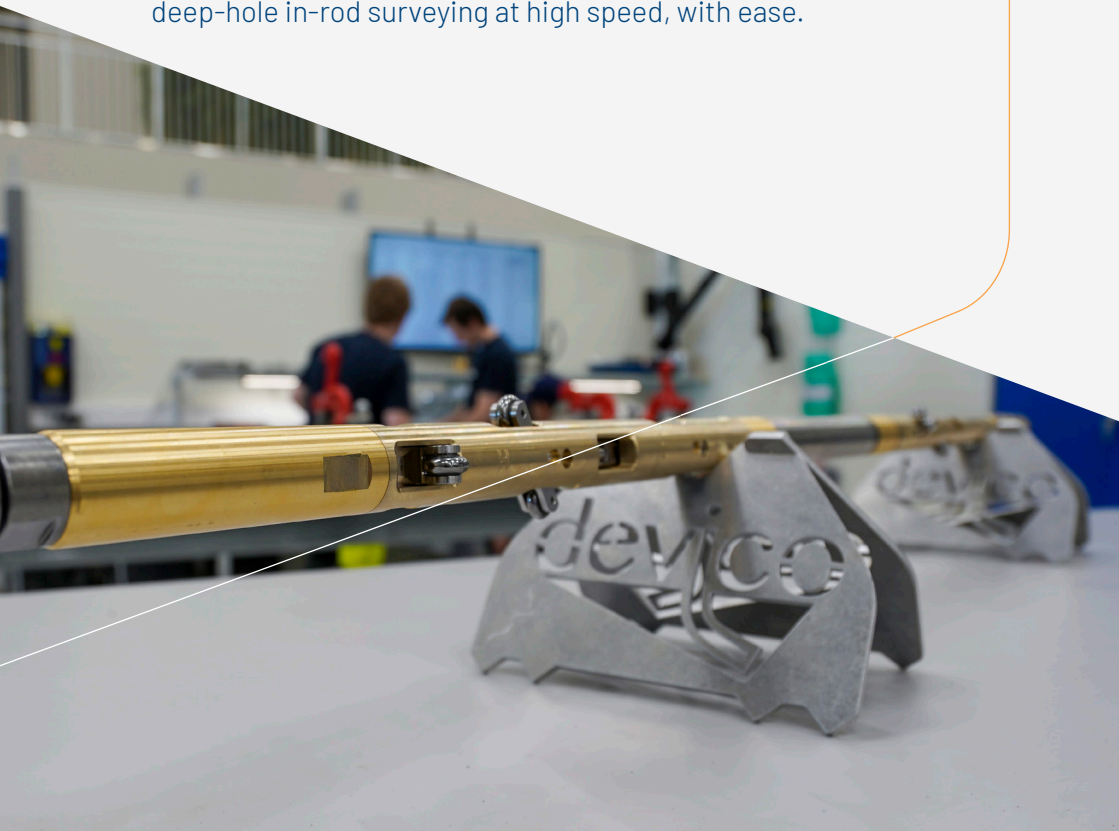


About the product

The DeviGyro RG30 Helix centralizers automatically adapt to the drill string dimension in use and fit diameters ranging from approximately 30 to 50mm. Also offering dual functionality to provide solutions for both the proprietary helix surveying method and the standard non-rotating surveying method.

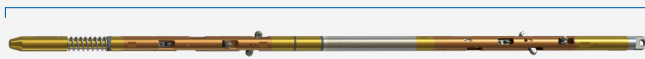
In addition to the centralizers and pressure barrel the RG30 Helix running gear kit includes a top sub swivel, bull nose and sinker bars that may be mounted in front and behind the pressure barrel to ensure smooth descent down the drill pipe, when conducting downhole, wireline surveys.

The DeviGyro RG30 Helix fills the gap between the DeviGyro RG30 Slimline and RG40 Standard solutions by offering the proven benefits of helix auto-rotating surveying in small diameter drill strings, enabling our customers to secure high accuracy, deep-hole in-rod surveying at high speed, with ease.



 5.9 kg
13 lbs

1367 mm / 53.8 in



 30 mm
1.2 in

Weight and lenght without sinker bars



Azimuth accuracy:
 $\pm 0.1^{\circ}/100\text{m}$



Typical positional
accuracy:
0.2%



Inclination accuracy:
 $\pm 0.1^{\circ}*$



Toolface accuracy:
 $\pm 0.2^{\circ}*$

**Calibrated for temperature range -10°C to $+60^{\circ}\text{C}$*

Pressure (bar/psi)	300bar/4350psi	Inclination range	$-90^{\circ} - +90^{\circ}$
Temperature range	-20° to $+60^{\circ}\text{C}/-4^{\circ}$ to 140°F	Temperature	Recorded
Compatible sizes	AWL, BWL	Survey mode	Continuous or multishot
Centralizer range	30-50 mm/1.2-2 in ID	Survey speed, up to	100 m/min
Azimuth accuracy	$\pm 0.1^{\circ}/100\text{m}$	Effectted by magnetics	No
Typical positional accuracy	0.2%	Memory	6h 40min
Inclination accuracy	$\pm 0.1^{\circ}*$	Data communication	Wireless
Tool face accuracy	$\pm 0.2^{\circ}*$	Battery type	1x CR 123a
Azimuth range	$0^{\circ}-360^{\circ}$	Battery capacity, continuous use	24 hours

**Calibrated for temperature range -10°C to $+60^{\circ}\text{C}$*

Handheld device

Type	Android Smartphone	Battery type	Lithium
Software	DeviGyro App	IP rating	IP68
Battery capacity, continuous use	15 hours		

Benefits

- Quick set up time
- Slim diameter capability
- Dual mode survey functionality
- Repeatable precision at any angle
- Automatically adapting centralizers
- Automatic, instant At-Rig QA processing
- High speed, continuous surveying (up to 100m/min)
- User-friendly, intuitive operating software
- True wireless – Connects fully assembled
- Scandinavian made - Robust and reliable
- Commercially available battery
- Not affected by magnetism
- DeviCloud compatible

Applications

- In-rod surveying
- Slim-rod RC Drilling
- Small diameter Civil Drilling Applications
- Diamond Core Drilling: A and B-size only
- Wireline, Pump down or Conventional
- Pilot holes

High quality products made in Norway

devico.com

