

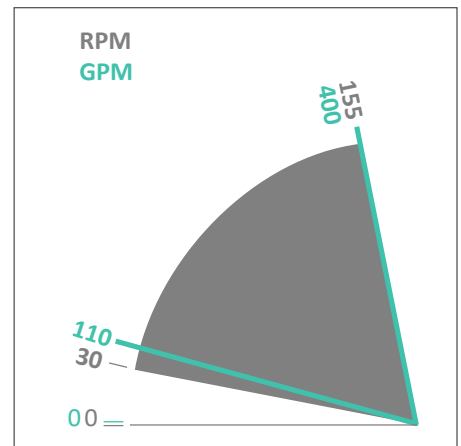
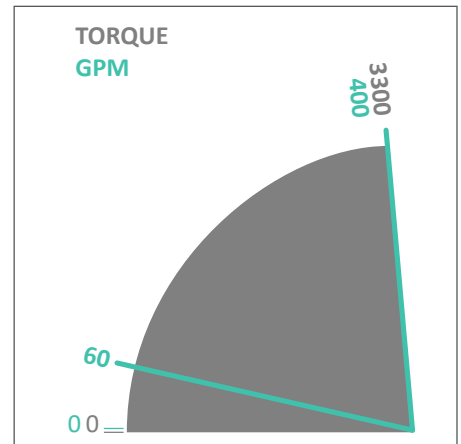
# Odfjell Well Services - Advanced Casing Deployment

## 4-1/2" REACH HIGH TORQUE REAMER

The 4-1/2" REACH High Torque Reamer utilizes varied speed and torque created by a fluid-driven drive mechanism. It is designed to get casing and liners to bottom with the utmost efficiency. The REACH High Torque Reamer is PDC drillable (4 1/2" and larger). Available with or without integral float.

### Specifications

Length	102 in (2,591 mm)
Bladed Dia.	5.25+ in (133+ mm)
Flow Rate	60 - 400 GPM (227 - 1,514 LPM)
Speed	30+ RPM
Torque	< 3,300 ft-lbs



### MAX.

Pres. Drop	1,850 psi (12,750 kPa)
Weight	22,500 lbf (10 kdaN)
Overpull	22,500 lbf (10 kdaN)

### Hole / Casing

Hole Size	5.875+ in (149+ mm)
Casing/Liner Size	4.50+ in (114+ mm)
Top Connection	as per requirement

