



Volgaburmash

ROLLER CONE DRILL BIT

444.5 GRDP137 (AUM2-KLS13TGP)

Diameter 444.5 mm (17 1/2")

IADC 137

Product line GrandPro

GrandPro bits are designed for multiple drilling of upper well sections (surface hole, conductor hole). Sealed bearings, optimum cutting structure and complex body protection provide excellent bit life and performance.

Specification

Bearing type Journal bearing
Seal Double elastomer radial type
Number of nozzles* 4
Thread, API Pin 7 5/8 Reg
Gross weight, kg 237

Application

GrandPro bit is applied for drilling of oil and gas wells in soft formations with water or mud circulation.

Drilling modes recommended

RPM 300-40
WOB, t 16-35

Design features

Combined circulation (Three side jets and one central jet)
Shirttail and leg leading edge hardfacing
Leg protection with TC compacts
Enhanced thick teeth hardfacing
Single gauge of TC compacts
Near gauge of TCI

Quality management system is certified to ISO 9001 and API Specification Q1

* Standard specification may be changed on customer request

For the purpose of performance improvement, minor changes of the bit design may be introduced without prior customer notification

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