



Volgaburmash

ROLLER CONE DRILL BIT

508 GRDP535 (VU-KLS53XGG)

Diameter 508 mm (20")

IADC 535

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 Single sealed roller bearing
Seal Elastomer Seal
Number of nozzles* 4
Thread, API Pin 7 5/8 Reg
Gross weight, kg 540

Application

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

Drilling modes recommended

RPM 300-40
WOB, t 20-39

Design features

Combined circulation (Three side jets and one central jet).
Shirttail and leg leading edge hardfacing.
Chisel inserts.
Double gage of TC compacts.
The state of the art computer bit assembly allows increasing the bit bearing durability.

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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