



Volgaburmash

ROLLER CONE DRILL BIT

**406.4 GRDP435 (VU-
KNLSD43XGD)**

Diameter 406.4 mm (16")

IADC 435

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 Roller bearing
Seal Elastomer seal
Number of nozzles* 4
Thread, API Pin 7 5/8 Reg
Gross weight, kg 200

Application

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

Drilling modes recommended

RPM 300-40
WOB, t 11-25

Design features

Combined circulation (Three side jets and one central jet).
Shirttail and leg leading edge hard facing.
Extended nozzles.
Leg protection with TC compacts.
Chisel inserts.
Single gage TC compacts.

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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