



Volgaburmash

ROLLER CONE DRILL BIT

222.3 MTR435 (VU-NLS43Z)

Diameter 215.9 mm (8 3/4")

IADC 435

Product line Motor

Motor bits are designed for a wide range of drilling applications. Sealed bearings, optimum cutting structure and complex body protection provide excellent performance.

Specification

Bearing type Roller bearing
Seal Elastomer seal
Number of nozzles* 3
Thread, API Pin 4 1/2 Reg
Gross weight, kg 36,8

Application

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

Drilling modes recommended

RPM 300-40
WOB, t 6-18

Design features

Side jet circulation
Extended nozzles
Shirttail and leg leading edge hard facing
Leg protection with TC compacts
Other shape inserts

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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