



Volgaburmash

ROLLER CONE DRILL BIT

311.1 MTR415 (VU-LS41XP)

Diameter 311.1 mm (12 1/4")

IADC 415

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 radial type
Number of nozzles* 3
Thread, API Pin 6 5/8 Reg
Gross weight, kg 87.6

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 8-25

Design features

Side jet circulation
Shirttail and leg leading edge hardfacing
Leg protection with TC compacts
Chisel inserts
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