



# Volgaburmash

## ROLLER CONE DRILL BIT

**215.9 MTR437 (AUL-LS43ZP)**

Diameter ..... 215.9 mm (8 1/2")

IADC ..... 437

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 ..... Journal bearing  
Seal ..... Elastomer seal  
Number of nozzles\* ..... 3  
Thread, API ..... Pin 4 1/2 Reg  
Gross weight, kg ..... 36,2

### Application

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

### Drilling modes recommended

RPM ..... 180-40  
WOB, t ..... 6-17

### Design features

Side jet circulation  
Shirttail and leg leading edge hardfacing  
Leg protection with TC compacts  
Other shape inserts  
Near gauge 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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