



Volgaburmash

ROLLER CONE DRILL BIT

295.3 STM121 (V-12)

Diameter 295.3 mm (11 5/8")

IADC 121

Product line Storm

Storm bits are designed specifically for high speed drilling (up to 600 RPM). Without sealing elements in the bearing, it is possible to maximize the journal and the rollers dimensions and to achieve full circulation in the bearing which is highly important as it helps to reduce the torque, to provide quick cooling action and to increase bearing life.

Specification

Bearing type Open Roller bearing
Seal none
Number of nozzles* 3
Thread Pin 6 5/8 Reg
Gross weight, kg 76,2

Application

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

Drilling modes recommended

RPM 600-40
WOB, t 18-30

Design features

Side jet circulation
Shirttail hard facing

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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