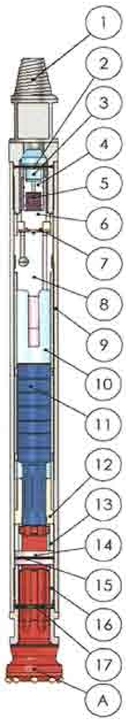
ROCKMORE INTERNATIONAL
Rock Drilling Tools

ROK 3LT



Parts List

Item	Description
	DTH Hammer, 3LT, BR 33 (7 Splines), API 2-3/8 in, Reg Pin
1	Top Sub, API 2-3/8 in Reg Pin
2	O-Ring, 1.737 in X 0.103 in
3	Plug Check Valve
4	Check Valve
5	Spring
6	Valve Chest
7	Valve
8	Valve Seat
9	Outer Sleeve
10	Cylinder
11	Piston
12	Bearing
13	Spacer
14	Bit Retainer Ring
15	O-Ring, 1.489 in X 0.070 in
16	Driver Sub
17	Sealing, 0.013 in X 0.23 in X 1.85 in
A	DTH Bit, Bulroc BR 33 (7 Splines) Shank

Operating Parameters

Air Pressure	Air Consumption
6.0 Bar [90 PSI]	3.0 m3/min [110 SCFM]
10.4 Bar [150 PSI]	5.5 m3/min [193 SCFM]

Oil consumption at 24.1 Bar (350 PSI):	0.1 l/hr [0.03 gallon/hr]
Recommended rotation speed:	20 r/min to 95 r/min
Minimum diameter difference between wear sleeve and bit:	8 mm [0.30 in]

Technical Specifications

Standard Top Sub	API 2-3/8" Reg Pin
Bit shank type	BR 33 (7 Splines)
Recommended bit diameter, mm [in]	90 to 95 [3.5 to 3.7]
Outside diameter, mm [in]	82 [3.2]
Wear sleeve discard diameter, mm [in]	76 [3.0]
Wrench flat size on Top Sub, mm [in]	58 [2.3]
Length without drill bit, mm [in]	845 [33.3]
Weight without drill bit, kg [lbs]	24 [53.0]

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DRILLING 60 YEARS EXPERTS

ROCKMORE INTERNATIONAL
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DTH HAMMER | **ROK 3LT** | Recommended Bit Diameter 90 - 95mm [3.5 - 3.7 in]

Features:

- **High Performance at Low Pressure**
- **Robust and Reliable Design**
- **Valve Controlled Piston**
- **Solid Piston**
- **No Blow Tube**
- **Check Valve to Guard Against Back-flow of Water and Debris**

Applications:

- **Construction / Quarry**
- **Environmental**
- **Exploration**
- **Geothermal**

Innovative Design

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