



ROCKMORE
INTERNATIONAL
Rock Drilling Tools



DTH HAMMER

ROK 3LT

2-3/8" API Reg Pin
Low Pressure

Recommended Bit Diameter
90 - 95mm [3.5 - 3.7 in]



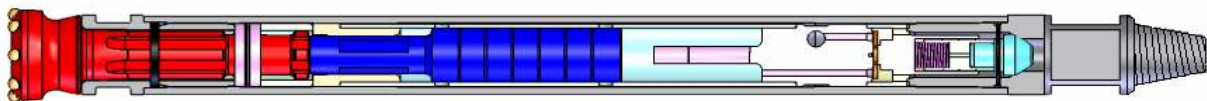
Features:

- 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

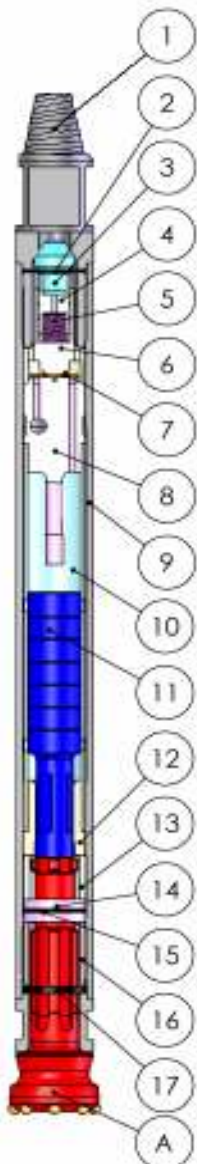
Innovative Design



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ROK 3LT



Parts List	
Item	Description
	DTH Hammer, 3LT, BR 33 (7 Splines), 2-3/8 in API Reg Pin
1	Top Sub, 2-3/8 in API 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 m ³ /min [110 SCFM]
10.4 Bar [150 PSI]	5.5 m ³ /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	2-3/8" API 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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