



ROCKMORE INTERNATIONAL

Rock Drilling Tools



2-3/8" API Reg Pin
Low Pressure

DTH HAMMER

ROK 30LT

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



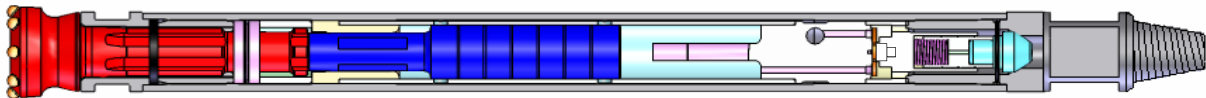
Features:

- 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:

- Blast Hole
- Construction / Quarry
- Environmental
- Exploration
- Geothermal

Innovative Design



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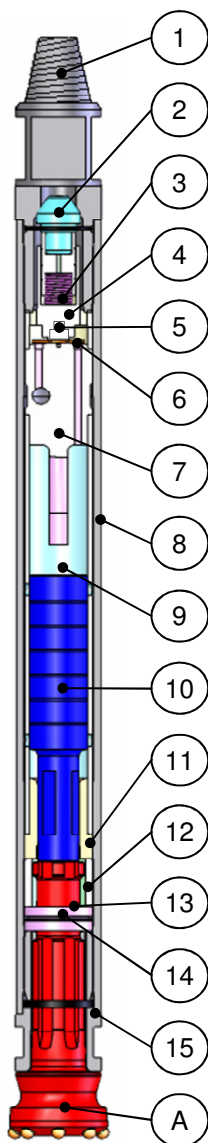
Rev. 7-2-21



R O C K M O R E
I N T E R N A T I O N A L

Rock Drilling Tools

ROK 30LT-001



Parts List

Item	Part Number	Description
	ROK 30LT-001	DTH Hammer, 30LT, BR 33 (7 Splines), 2-3/8" API Reg Pin
1	ROK 30LT TOP SUB	Top Sub, 2-3/8" API Reg Pin
2	ROK 30LT CHECK VALVE	Check Valve
3	ROK 30LT SPRING	Spring
4	ROK 30LT VALVE CHEST	Valve Chest
5	ROK 30LT VALVE CENTRALIZER	Valve Centralizer
6	ROK 30LT MAIN VALVE	Main Valve
7	ROK 30LT VALVE SEAT	Valve Seat
8	ROK 30LT WEAR SLEEVE	Wear Sleeve
9	ROK 30LT CYLINDER	Cylinder
10	ROK 30LT PISTON	Piston
11	ROK 30LT BEARING	Bearing
12	ROK 30LT SPACER	Spacer
13	ROK 30LT BIT RETAINER	Bit Retainer Ring
14	ROK 30LT O-RING BR	O-Ring, 1.925" X 0.103"
15	ROK 30LT DRIVER SUB	Driver Sub
A	DTH Bit	Bulroc BR 33 (7 Splines) Shank

Operating Parameters

Air Pressure	Air Consumption
6.0 Bar [87 PSI]	3.75 m ³ /min [132 SCFM]
10.0 Bar [145 PSI]	5.5 m ³ /min [193 SCFM]
Oil consumption at 10.0 Bar (145 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"]

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]	55 [2.17]
Length without drill bit, mm [in]	838.2 [33.0]
Weight without drill bit, kg [lbs]	23.1 [51.0]

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