



R O C K M O R E
I N T E R N A T I O N A L
Rock Drilling Tools



BR 33 (7 Splines) Bit Shank
 Low Pressure

DTH HAMMER

ROK 30LT

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



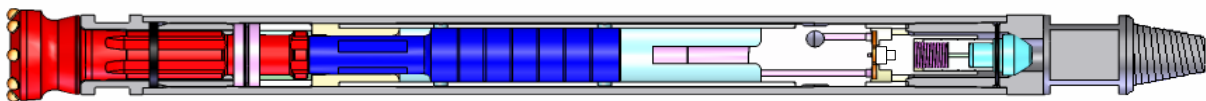
Features:

- 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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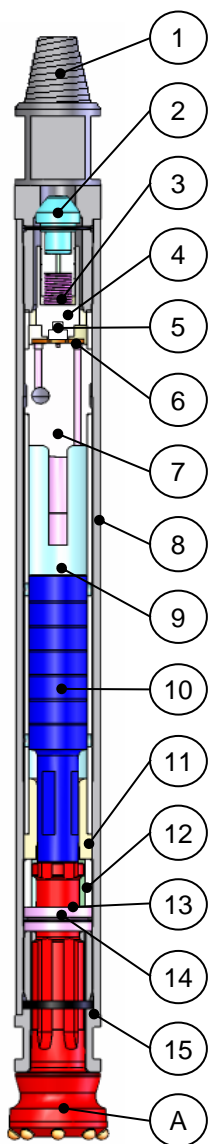
Rev. 6-11-24



ROCKMORE
INTERNATIONAL

Rock Drilling Tools

ROK 30LT



Parts List

Item	Part Number	Description
	ROK30LT-001	DTH Hammer, 30LT, BR 33 (7 Splines), 2-3/8" API Reg Pin
1	ROK30LT TOP SUB	Top Sub, 2-3/8" API Reg Pin
2	ROK30LT CHECK VALVE	Check Valve
3	ROK30LT SPRING	Spring
4	ROK30LT VALVE CHEST	Valve Chest
5	ROK30LT VALVE CENTRALIZER	Valve Centralizer
6	ROK30LT MAIN VALVE	Main Valve
7	ROK30LT VALVE SEAT	Valve Seat
8	ROK30LT WEAR SLEEVE	Wear Sleeve
9	ROK30LT CYLINDER	Cylinder
10	ROK30LT PISTON	Piston
11	ROK30LT BEARING	Bearing
12	ROK30LT SPACER	Spacer
13	ROK30LT BIT RETAINER	Bit Retainer Ring
14	R2-135	O-Ring, 1.925" X 0.103"
15	ROK30LT 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:	0.2 l/hr per 3.0 m ³ /min [1/3 pint/hr per 100 cfm]
Recommended rotation speed:	20 r/min to 95 r/min
Minimum diameter difference between wear sleeve and bit:	8 mm [0.30"]

Technical Specifications

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]
Effective Length without drill bit, mm [in]	838 [33.0]
Weight without drill bit, kg [lbs]	23 [51.0]

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