



**R O C K M O R E**  
INTERNATIONAL  
*Rock Drilling Tools*



RD 50-6 BOX  
Low Pressure

**DTH HAMMER**

**ROK 20LT-001**

Recommended Bit Diameter  
70 - 76mm [2.8" - 3.0"]



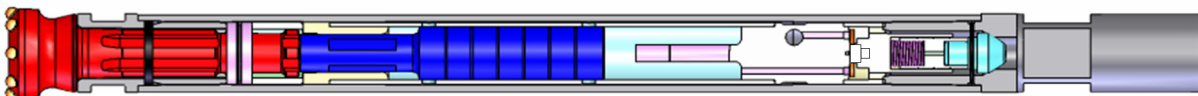
**Features:**

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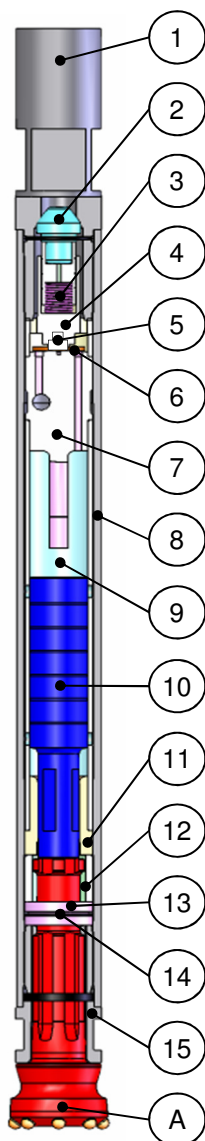
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**R O C K M O R E**  
I N T E R N A T I O N A L

Rock Drilling Tools

# ROK 20LT-001



## Parts List

Item	Part Number	Description
	ROK 20LT-001	DTH Hammer, 20LT, BR 2 (6 Splines), RD 50-6 Box
1	ROK 20LT TOP SUB	Top Sub, RD 50-6 Box
2	ROK 20LT CHECK VALVE	Check Valve
3	ROK 20LT SPRING	Spring
4	ROK 20LT VALVE CHEST	Valve Chest
5	ROK 20LT VALVE CENTRALIZER	Valve Centralizer
6	ROK 20LT MAIN VALVE	Main Valve
7	ROK 20LT VALVE SEAT	Valve Seat
8	ROK 20LT WEAR SLEEVE	Wear Sleeve
9	ROK 20LT CYLINDER	Cylinder
10	ROK 20LT PISTON	Piston
11	ROK 20LT BEARING	Bearing
12	ROK 20LT SPACER	Spacer
13	ROK 20LT BIT RETAINER	Bit Retainer Ring
14	ROK 20LT O-RING BR	O-Ring, 1.424" X 0.103"
15	ROK 20LT DRIVER SUB	Driver Sub
A	DTH Bit	DTH Bit, Bulroc BR 2 (6 Splines) Shank

## Operating Parameters

Air Pressure	Air Consumption
6.0 Bar [87 PSI]	2.0 m <sup>3</sup> /min [73 SCFM]
10.0 Bar [145 PSI]	3.8 m <sup>3</sup> /min [138 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	RD 50-6 Box
Bit shank type	BR 2 (6 Splines)
Recommended bit diameter, mm [in]	70 to 76 [2.8 to 3.0]
Outside diameter, mm [in]	62.2 [2.5]
Wear sleeve discard diameter, mm [in]	56 [2.2]
Wrench flat size on Top Sub, mm [in]	50 [1.97]
Length without drill bit, mm [in]	837 [33.0]
Weight without drill bit, kg [lbs]	14.1 [31.0]

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