



Bulroc BR 2 (6 Splines) Bit Shank  
Low Pressure

DTH HAMMER

**ROK 20LT**

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



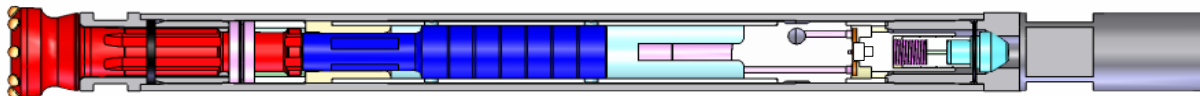
### Features:

- 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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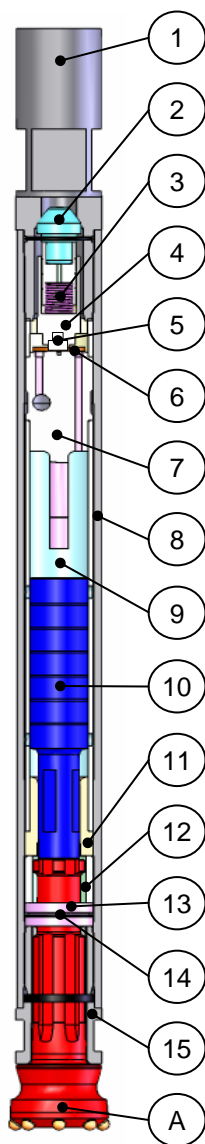
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Rock Drilling Tools

## ROK 20LT



### Parts List

| Item | Part Number               | Description                                     |
|------|---------------------------|---|
|      | ROK20LT-001               | DTH Hammer, 20LT, BR 2 (6 Splines), RD 50-6 Box |
| 1    | ROK20LT-TOP-SUB           | Top Sub, RD 50-6 Box                            |
| 2    | ROK20LT-CHECK-VALVE       | Check Valve                                     |
| 3    | ROK20LT-SPRING            | Spring  |
| 4    | ROK20LT-VALVE-CHEST       | Valve Chest                                     |
| 5    | ROK20LT-VALVE-CENTRALIZER | Valve Centralizer                               |
| 6    | ROK20LT-MAIN-VALVE        | Main Valve                                      |
| 7    | ROK20LT-VALVE-SEAT        | Valve Seat                                      |
| 8    | ROK20LT-WEAR-SLEEVE       | Wear Sleeve                                     |
| 9    | ROK20LT-CYLINDER          | Cylinder  |
| 10   | ROK20LT-PISTON            | Piston  |
| 11   | ROK20LT-BEARING           | Bearing   |
| 12   | ROK20LT-SPACER            | Spacer  |
| 13   | ROK20LT-BIT-RETAINER      | Bit Retainer Ring                               |
| 14   | R2-127                    | O-Ring, 1.424" X 0.103"                         |
| 15   | ROK20LT-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:   | 0.2 l/hr per 3.0 m <sup>3</sup> /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                              | Bulroc BR 2 (6 Splines) |
| Recommended bit diameter, mm [in]           | 70 to 76 [2.8 to 3.0]   |
| Outside diameter, mm [in]                   | 62 [2.5]                |
| Wear sleeve discard diameter, mm [in]       | 56 [2.2]                |
| Wrench flat size on Top Sub, mm [in]        | 50 [1.97]               |
| Effective Length without drill bit, mm [in] | 837 [33.0]              |
| Weight without drill bit, kg [lbs]          | 14 [31.0]               |

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