

BR2 DTH HAMMER



Technical Specification

Robit® BR2

Valved Hammer 70 mm - 80 mm dia. Holes

The Robit BR2 is a valved type hammer designed for high performance at low operating air pressures. Simplicity of design, ease of service and low air consumption are all factors which combine to make this hammer a robust and reliable drilling tool. The BR2 is available with standard box and pin backheads, RD50 and BR2 threads. However alternative backhead options are available on request. The BR2 hammer incorporates a positive fitting check valve to guard against the ingress of ground water debris.

Component parts

| Ref | Description | Part number |
|------------------------|------------------------|---------------|
| 1 | Wearsleeve | HSB2S00 |
| 2 | Inner Cylinder | HSB2S01 |
| 3 | Bearing | HSB2S02 |
| 4 | Piston | HSB2S03 |
| 5 | Air Metering Plug | IPP04 |
| 6 | Bevelled Valve Housing | HSB2S04 |
| 7 | Centraliser | HSB2S05 |
| 8 | Disc Valve | HSB2S06 |
| 9 | Valve Chest | HSB2S07 |
| 10 | Backhead | HSB2S3811F |
| 11 | Backhead 'O'Ring | HSB2S14 |
| 12 | Bit Retaining Ring | HSB2S37ST |
| 13 | Backhead Spacer | HSB2S12 |
| 14 | Chuck | HSB2S35ST |
| 15 | Chuck Sealing Ring | HSB2S13 |
| 16 | Check Valve | IPRCV01 |
| 17 | Check Valve Spring | IPRCVS01 |
| 18 | Split Spacer | HSB2S36ST |
| Complete Hammer | | BR2S01 |

Air consumption (Pressure at Compressor)

| PSI | BAR | m ³ /min | ft ³ /min |
|-----|------|---------------------|----------------------|
| 100 | 6.9 | 0.75 | 26.65 |
| 150 | 10.3 | 1.39 | 48.96 |
| 200 | 13.8 | 2.13 | 75.38 |
| 250 | 17.2 | 2.98 | 105.35 |

Hammer specification

| | Imperial | Metric |
|-------------------|----------|--------|
| Weight (less bit) | 28.6 lbs | 13 kg |
| Length (less bit) | 33" | 838 mm |
| Outside dia. | 2.44" | 64 mm |
| Piston weight | 4 lbs | 1.8 kg |

