

# Technical Specification

## BR2

### Valved Hammer 70 mm - 80 mm dia. Holes

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

PSI	BAR	m <sup>3</sup> /min	ft <sup>3</sup> /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

	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

