



BR4

VALVED DTH HAMMER

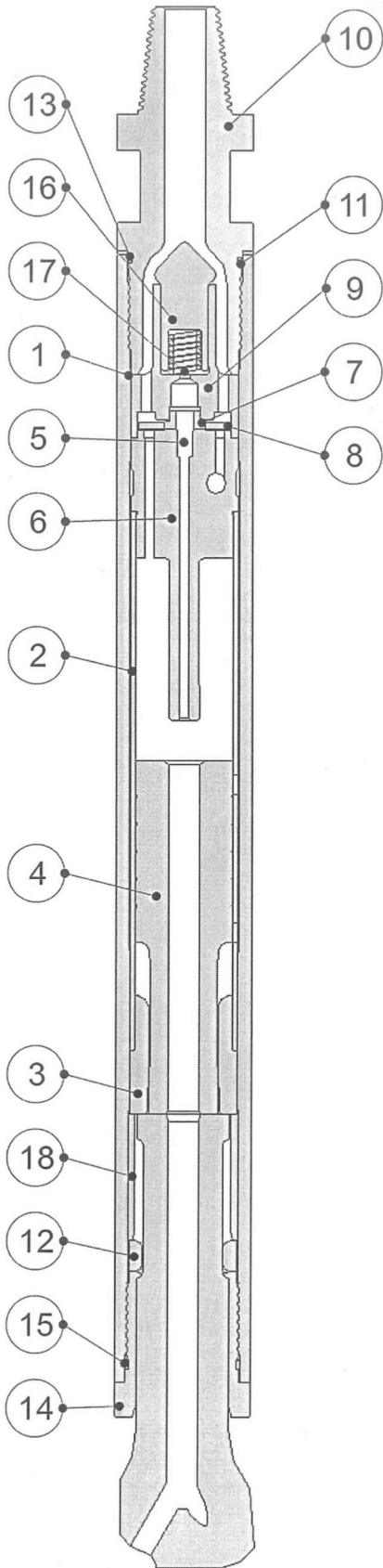
Technical Brochure



Certificate Number 2446/00
ISO9001

Bulroc Valved Type Hammer

BR4 (105-127mm) holes



The BR4 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 these hammers robust and reliable drilling tools. Both hammers are available as standard with 2 3/8 " API Reg pin.

The BR4 hammer incorporate a positive fitting check valve to guard against the ingress of ground water debris when the air is shut off

Component Parts

Ref	Description	Part Number
1	Wearsleeve	HSB4S00
2	Inner Cylinder	HSB4S01
3	Bearing	HSB4S02
4	Piston	HSB4S03
5	Air Metering Plug	HSB4S11
6	Bevelled Valve Housing	HSB4S04
7	Centraliser	HSB4S05
8	Disc Valve	HSB4S06
9	Valve Chest	HSB4S07
10	Backhead	HSB4S3801M
11	Backhead 'O' Ring	IPBOR02
12	Bit Retaining Ring	HSB4S37ST
13	Backhead Spacer	IPBS01
14	Chuck	HSB4S35ST
15	Chuck Seal	IPCS02
16	Check Valve	IPRCV02
17	Spring	IPCVS02
18	Split Spacer	HSB4S36ST
	Complete Hammer	BR4S01

Hammer Specification

	Imperial	Metric
Weight (less bit)	76 lbs	34.6 Kgs
Length (less bit)	35.9"	913 mm
Outside dia.	3.75"	95 mm
Piston weight	4.8 lbs	10.6 Kg
Stroke	6"	152 mm

Air Consumption

PSI	BAR	C.F.M	Cu. Mtr / min
100	7.00	67.04	1.9
150	10.30	123.15	3.49
200	13.80	189.61	5.37
250	17.20	264.98	7.5



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