

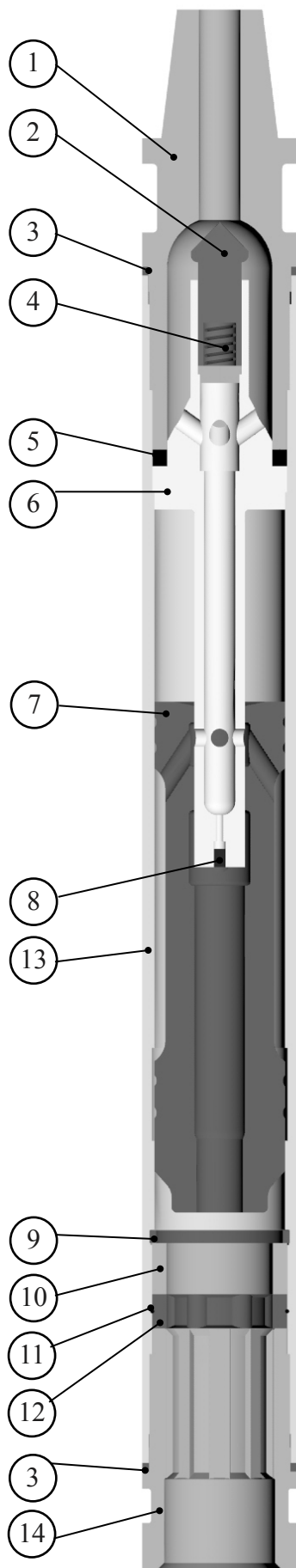


HYPER 55DH QL50 DTH HAMMER

Technical Brochure



Certificate Number 2446/00
ISO9001



Hyper 55DH / QL50 (Deep Hole) Hammer 127mm (5") 152mm (6") dia. Holes

The Bulroc Hyper 55DH (Deep Hole) hammer is specifically designed for Geothermal and Water well applications where operators need drill efficiency at greater depth and to overcome high heads of water. The internal combined control tube with variable air choke, diverter and check valve minimises the number of component parts, reducing the overall length of the hammer for ease of handling and servicing.

The Bulroc Hyper 55DH is supplied as standard with a 3 1/2" API reg. pin backhead and chuck to accept button bits with QL50 shanks. Alternatively, the Hyper 55DH can be supplied with chuck to suite IR DHD 350R / Cop 54 Button Bits.

Component Parts

Ref	Description	Part Number	Qty
1	Backhead	HSW553803M	1
2	Check Valve	IPIRCV03	1
3	Breakout Washer	HSH55DH26	2
4	Check Valve Spring	IPIRCVS02	1
5	Compression Buffer	HSH55DH22	1
6	Control Tube	HSH55DH30	1
7	Piston	HSH55DH03	1
8	Choke (Set)	HSH55DH19	1
9	Piston Retaining Ring	HSH55DH32098	1
10	Bush	HSH55DH86098	1
11	Bit Retaining 'O' Ring	HSH5137A098	1
12	Bit Retaining Ring	HSH55DH37098	1
13	Wearsleeve	HSH55DH00	1
14	Chuck	HSH55DH35098	1
	Complete Hammer	BR55DH01	

Hammer Specification

	Imperial	Metric
Weight (less bit)	125.6 lbs	57.1 Kg
Length (less bit)	41.78"	1061 mm
Outside dia.	4.66"	118 mm
Piston weight	37.8 lbs	17.2 Kg
Stroke	4.25"	108mm

Air Consumption

PSI	BAR	C.F.M	Cu. Mtr / min
150	10.3	182	5.14
200	13.8	280	7.92
250	17.2	391	11.07
300	20.7	514	14.55
350	24.2	648	18.35
400	27.6	791	22.40
432	30.0	910	25.77



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