



HYPER 125/300 DTH HAMMER

Technical Brochure



Certificate Number 2446/00
ISO9001

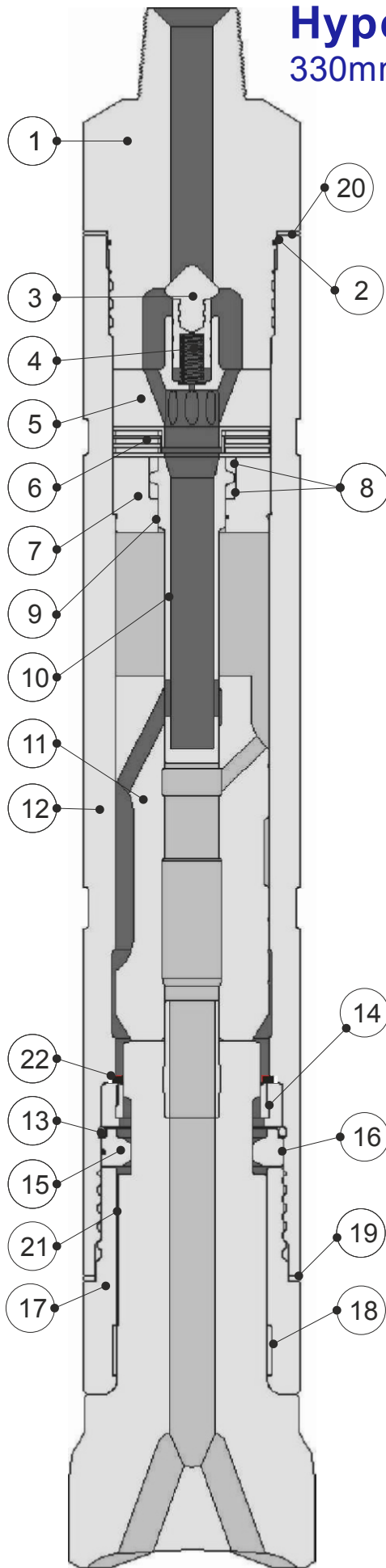
Hyper 125/300 Valveless Hammer 330mm (13") - 445mm (17 1/2") dia. Holes

The Bulroc Hyper 121/300 Hammer is designed to operate over a wide range of operating air pressures.

A 6 5/8" API Reg. Pin Backhead is supplied as standard.

The Hyper 121/300 is fitted with a positive seating water check valve and is supplied as standard, fitted with a solid choke.

The Hyper 121/300 is primarily designed to be used with the Numa 125, but other shanks will be considered on request.



COMPONENT PARTS

Ref	Description	Part Number
1	Backhead 6 5/8" Reg Pin	HSH1213880M125
2	Backhead 'O' Ring	HSH12114
3	Check Valve	HSH12108
4	Check Valve Spring	HSH12110
5	Diverter	HSH12120
6	Compression Buffer	HSH12128
7	Control Tube Holder	HSH12131
8	Control Tube Buffers (2)	HSH12129
9	Control Tube 'O' Ring	HSH12130A
10	Control Tube	HSH12130
11	Piston	HSH12103125SP
12	Wearsleeve	HSH12100125SP
13	Guide Bush Retaining Ring	HSH12132125
14	Bearing Guide Bush	HSH12187125
15	Bit Retainer (pair)	HSH12137125
16	Bit Retainer 'O' Ring	HSH12137AST
17	Chuck (N125 c/w drive plate slots)	HSH12135125
18	Chuck Bearing	HSH12135125BE
19	Breakout Washer (chuck)	HSH12126125
20	Breakout Washer (backhead)	HSH12125125
21	Drive Plate N125	DP125
22	Piston Retaining Ring	HSH12132
Complete Hammer		BR125H03
Alternative Backhead 6 5/8" Reg Box		HSH121388FHEX125

HAMMER SPECIFICATIONS

	English	Metric
Weight (less bit)	1973 lbs	895 kgs
Length (less bit)	74.39"	1890 mm
Outside dia.	12"	305 mm
Bore dia.	8.5"	216 mm
Piston weight	275 lbs	125 kg
Stroke	5"	127 mm

AIR CONSUMPTION

PSI	BAR	C.F.M.	Cu. Mtr/min.
100	7	592	16.8
150	10.3	1087	30.8
200	13.8	1674	47.4
250	17.2	2338	66.2