

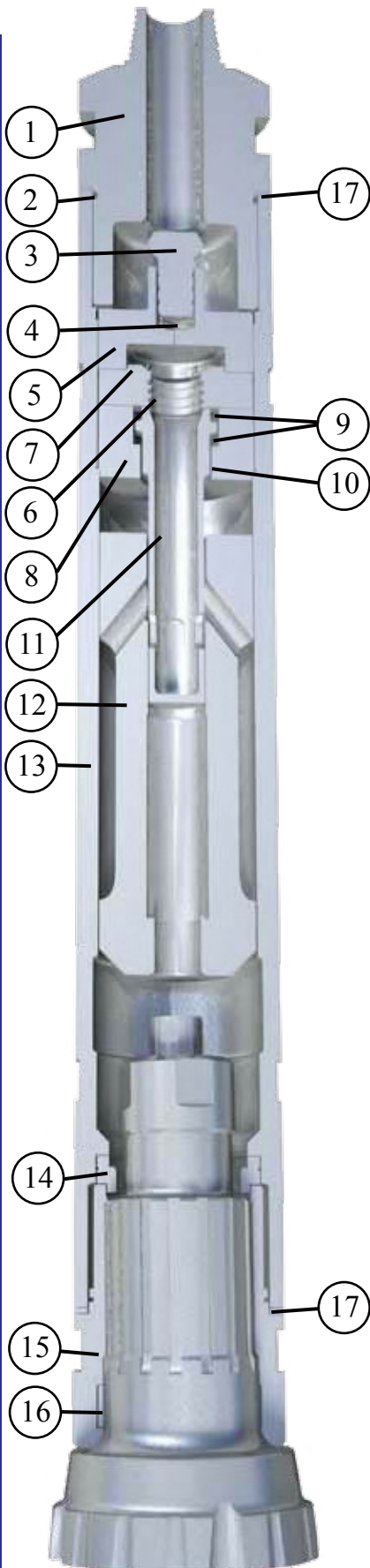


HYPER 181 SD18 DTH HAMMER

Technical Brochure



Certificate Number 2446/00
ISO9001



Hyper 181 SD18 D.T.H Hammer

458mm (18") - 660mm (26") diameter holes

The Bulroc Hyper 181 hammer is a valveless D.T.H Hammer designed to operate efficiently at pressures ranging from 7 to 15.5 bar (100 225 psi).

The Hyper 181 is supplied with a 8 3/8" api reg pin backhead as standard but a 8 3/8" api reg box backhead can be supplied.

In addition to this Hyper 181 SD18 model, the hammer can easily be modified to accept bits with Numa 180 and QL200 shank design by simply replacing the Chuck, Piston, Bit retainer and Bearing.

Component Parts

Ref	Description	Part Number
1	Backhead 8 3/8" Reg. Pin	HSH1813882M
2	Backhead 'O' Ring	HSH18114
3	Check Valve	HSH18108
4	Check Valve Spring	HSH18110
5	Valve Chest	HSH18107
6	Compression Buffer	HSH18128
7	Buffer Cover	HSH18173
8	Tube Holder	HSH18131
9	Tube Buffers (2)	HSH18129
10	Tube 'O' Ring	HSH18130A
11	Control Tube	HSH18130
12	Piston	HSH18103096
13	Wearsleeve	HSH18100
14	Bit Retaining Ring	HSH18137096
15	Chuck	HSH18135096
16	Chuck Bearing	HSH18135096BE
17	Breakout Washer	HSH18126
	Complete Hammer	BR181H02

Hammer Specification

	Imperial	Metric
Weight (less bit)	3545 lbs	1608 Kgs
Length (less bit)	88 3/4"	2255 mm
Outside dia.	16"	406 mm
Bore dia.	12.25"	311 mm
Piston weight	730 lbs	330 Kgs
Stroke	5.75"	146 mm

Air Consumption

PSI	BAR	C.F.M	Cu. Mtr / min
100	6.9	1088	30.8
125	8.6	1520	43.1
150	10.3	1999	56.6
175	12.0	2518	71.3
200	13.8	3077	87.1
225	15.51	3672	103.4



Manufacturers of Rock Drilling Equipment

Turnoaks Business Park, Burley Close, Chesterfield, Derbyshire, United Kingdom. S40 2UB

Tel : +44(0)1246 544700 Fax : +44(0)1246 544701

Email : info@bulroc.com Web : www.bulroc.com