

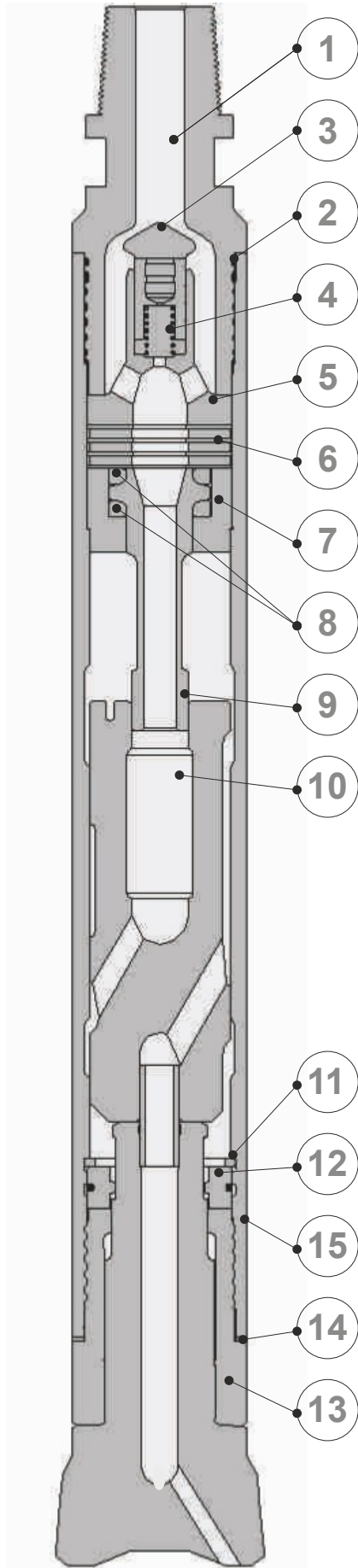


HYPER 81 DTH HAMMER

Technical Brochure



Certificate Number 2446/00
ISO9001



Hyper 81 Valveless Hammer

203mm (8") - 254mm (10") dia. Holes

The Hyper 81 is a valveless D.T.H. Hammer designed for drilling 203mm-254mm (8" - 10") dia. holes over a wide range of operating air pressures. The Hyper 81 is supplied with a 4 ½" api reg. pin backhead as standard but other connections are available on request.

A positive fitting water check valve guards against ingress of ground water when the air is shut off.

The Hyper 81 Hammer is designed to accept Button Bits with a shank IR DHD 380. The Hyper 81 can also be supplied to accept the Sandvik Mission SD8 and QL80 type of Button Bit.

COMPONENT PARTS

Ref	Description	Part Number
1	Backhead	HSH813804M
2	Backhead 'O' Ring	HSH8114
3	Check Valve	IPRCV05
4	Check Valve Spring	IPRCVS04
5	Diverter	HSH8120
6	Compression Ring	HSH8128
7	Tube Holder	HSH8131
8	Tube Buffer	HSH8129
9	Control Tube	HSH8130
10	Piston	HSH8103
11	Piston Retaining Ring	HSH8132
12	Bit Retainer Ring	HSH8137094
13	Chuck	HSH8135094
14	Chuck Release Washers	HSH8126
15	Wearsleeve	HSH8100
	Complete Hammer	BR81H01

HAMMER SPECIFICATIONS

	English	Metric
Weight (less bit)	429 lbs	194 kgs
Length (less bit)	55.47"	1409mm
Outside dia.	7.25"	184.1mm
Piston weight	96.6 lbs	43.9 kgs
Stroke	4.00"	102mm

AIR CONSUMPTION

PSI	BAR	C.F.M.	Cu. Mtr / min
150	10.3	485	13.7
200	13.8	747	21.2
250	17.2	1044	29.6
300	20.7	1373	38.9



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