

HYPHER 101 DTH HAMMER



Technical Specification

Robit® HYPER 101

Valveless Hammer 254 mm (10") - 305 mm (12") dia. Holes

The Hyper 101 Hammer is designed to operate over a wide range of operating air pressures. A 6⁵/₈" API reg. pin backhead is supplied as standard. The Hyper 101 is fitted with a positive seating water check valve and is supplied as standard fitted with a solid choke. The Hyper 101 is designed to accept button bits with a N100 shank. However, the Hyper 101 can be supplied to accept the SD10 type of button bit.

Component parts

Ref	Description	Part number
1	Backhead	HSH1013880M
2	Check valve	HSH10108
3	Check valve spring	HSH10110
4	Diverter	HSH10120
5	Compression buffer	HSH10128
6	Control tube holder	HSH10131
7	Control tube buffers (2)	HSH10129
8	Control tube	HSH10130
9	Piston	HSH10103053
10	Wearsleeve	HSH10100
11	Piston retaining ring	HSH10132
12	Bit retaining ring	HSH10137053
13	Bit retaining ring 'O' ring	HSH10137A046
14	Chuck	HSH10135053
15	Breakout washer	HSH10126
Complete Hammer		BR101H01

Air consumption (Pressure at Compressor)

PSI	BAR	m ³ /min	ft ³ /min
100	6.9	10.36	365.70
125	8.6	14.47	511.08
150	10.3	19.02	671.83
175	12.0	23.97	846.61
200	13.8	29.29	1034.35
225	15.5	34.95	1234.24
250	17.2	40.93	1445.55
275	19.0	47.23	1667.72
300	20.7	53.81	1900.23

Hammer specification

	Imperial	Metric
Weight (less bit)	745 lbs	338 kg
Length (less bit)	62"	1575 mm
Outside dia.	8.86"	225 mm
Piston weight	150 lbs	68 kg

