

HYPHER 121 DTH HAMMER



Technical Specification

Robit® HYPER 121

Valveless Hammer 302 mm (11⁷/₈") - 445 mm (17¹/₂") dia. Holes

The Hyper 121 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 121 is fitted with a positive seating water check valve and is supplied as standard fitted with a solid choke. In addition to the standard N120 button bit, the hammer can easily be modified to accept button bits with Mission SD12 and Ingersoll Rand DHD112 shank design.

Component parts

1	Backhead	HSH1213880M
2	Backhead / Chuck 'O' Ring (2)	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	HSH12103050
12	Wearsleeve	HSH12100
13	Piston Retaining Rings (2)	HSH12132
14	Bit Bearing	HSH12187
15	Bit Retainer (pair)	HSH12137050
16	Bit Retainer 'O' Ring	HSH12137AST
17	Chuck	HSH12135050
18	Chuck Bearing	HSH12135050BE
19	Breakout washer backhead	HSH12126
20	Breakout Washer chuck	HSH12125

Complete Hammer

BR121H01

Air consumption (Pressure at Compressor)

PSI	BAR	m ³ /min	ft ³ /min
100	6.9	16.8	592
150	10.3	30.8	1087
200	13.8	47.4	1674
250	17.2	66.2	2338

Hammer specification

	Imperial	Metric
Weight (less bit)	1487 lbs	675 kg
Length (less bit)	74.4"	1889 mm
Outside dia.	10.7"	272 mm
Piston weight	275 lbs	125 kg

