

# HYPHER 141 DTH HAMMER



# Technical Specification

## Robit® HYPER 141

### Valveless Hammer 350 mm (13¾") - 508 mm (20") dia. Holes

The Robit Hyper 141 hammer is a valveless DTH Hammer designed to operate over a wide range of operating pressures. The Hyper 141 is supplied with a 6½" API regular pin backhead as standard. The Hyper 141 is fitted with a positive seating Water Check Valve and is supplied as standard, fitted with a Solid Choke. The Hyper 141 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	HSH1413880M
2	Check Valve	HSH12108
3	Check Valve Spring	HSH12110
4	Diverter	HSH14120
5	Compression Buffer	HSH14128
6	Control Tube Holder	HSH14131
7	Control Tube Buffers (2)	HSH14129
8	Control Tube	HSH14130
9	Control Tube "O" Ring	HSH14130A
10	Piston	HSH14103125
11	Wearsleeve	HSH14100
12	Bit Retainer (pair)	HSH14137125
13	Bit Retainer "O" Ring	HSH14137AST
14	Chuck (N125 C/W drive plate slot)	HSH14135125
15	Chuck Bearing	HSH14135125BE
16	Breakout Washer (chuck)	HSH14126
17	Breakout Washer (Backhead)	HSH14126
18	Drive Plate N125 (10)	DP125
<b>Complete Hammer</b>		<b>BR141H01</b>

#### Air consumption (Pressure at Compressor)

PSI	BAR	m <sup>3</sup> /min	ft <sup>3</sup> /min
100	6.9	20.2	715
150	10.3	37.1	1311
200	13.8	57.1	2018
250	17.2	80.0	2821

#### Hammer specification

	Imperial	Metric
Weight (less bit)	2420 lbs	1100 kg
Length (less bit)	76.4"	1941 mm
Outside dia.	12.6"	320 mm
Piston weight	414 lbs	188 kg

