

# HYPHER 51 DTH HAMMER



# Technical Specification

## **HYPER 51**

### Valveless Hammer 127 mm (5") - 165 mm (6½") dia. Holes

The new shorter and highly dependable Hyper 51 hammer is designed for drilling 127 mm - 165 mm (5" to 6½") diameter holes. The simple yet rugged design minimises the amount of components and overall length for ease of maintenance. For optimum performance the Hyper 51 is most effective at medium to high air pressures ranging from 10 to 24 bar (150 to 350 psi). It comes with industry standard 3½" api reg. pin backhead and DHD350R / SD5 / Mach50 / QL50 bit shank fitting.

#### Component parts

Ref	Description	Part number
1	Backhead	HSH513803M
2	Backhead 'O' ring	HSH5114
3	Check valve	IPRCV03
4	Check valve spring	IPRCVS02
5	Compression ring	HSH5128
6	Diverter	HSH5128
7	Piston	HSH5103
8	Wearsleeve	HSH5100
9	Piston retaining ring	HSH5132
10	Bit retaining 'O' ring	HSH5137A092
11	Bit retainer	HSH5137092
12	Breakout washer	HSH5126
13	Chuck	HSH5135092
<b>Complete Hammer</b>		<b>BR51H01</b>

#### Air consumption

PSI	BAR	m <sup>3</sup> /min	ft <sup>3</sup> /min
100	6.9	3.29	116.22
125	8.6	4.60	162.43
150	10.3	6.05	213.51
175	12.0	7.62	269.06
200	13.8	9.31	328.73
225	15.5	11.11	392.25
250	17.2	13.01	459.41
275	19.0	15.01	530.02
300	20.7	17.10	603.91
325	22.4	19.28	680.95
350	24.2	21.55	761.01

#### Hammer specification

	Imperial	Metric
Weight (less bit)	121 lbs	55 kg
Length (less bit)	41.75"	1060 mm
Outside dia.	4.50"	114.3 mm
Piston weight	26.8 lbs	12.2 kg

