

HYPHER 81 DTH HAMMER



Technical Specification

Robit® HYPER 81

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

The new shorter and highly dependable Hyper 81 hammer is designed for drilling 203 mm - 254 mm (8" to 10") diameter holes. The simple yet rugged design minimises the amount of components and overall length for ease of maintenance.

For optimum performance the Hyper 81 is most effective at medium to high air pressures ranging from 10 to 24 bar (150 to 350 psi). It comes with industry standard 4½" api reg. pin backhead and DHD380 bit shank fitting. Alternate bit fittings SD8 and QL80 are also available on request.

Component parts

Ref	Description	Part number
1	Backhead	HSH813804M
2	Backhead 'O' ring	HSH8114
3	Check valve	IPRCV05
4	Check valve spring	IPRCVS04
5	Compression ring	HSH8128
6	Diverter	HSH8120
7	Piston DHD380	HSH8103
8	Wearsleeve	HSH8100
9	Piston retaining ring	HSH8132
10	Bit retaining 'O' ring	HSH8137A094
11	Bit retainer DHD380	HSH8137094
12	Breakout washer	HSH8126
13	Chuck DHD380	HSH8135094
Complete Hammer		BR81H01

Air consumption

PSI	BAR	m ³ /min	ft ³ /min
100	6.9	7.48	264.18
125	8.6	10.45	369.20
150	10.3	13.74	485.32
175	12.0	17.32	611.58
200	13.8	21.16	747.21
225	15.5	25.25	891.60
250	17.2	29.57	1044.25
275	19.0	34.12	1204.74
300	20.7	38.87	1372.71
325	22.4	43.83	1547.82
350	24.2	48.98	1729.81

Hammer specification

	Imperial	Metric
Weight (less bit)	348 lbs	158 kg
Length (less bit)	49.69"	1262 mm
Outside dia.	7.25"	184 mm
Piston weight	96.6 lbs	43.9 kg

