



# Technical Specification

## Robit® HYPER 41

### Valveless Hammer 105 mm (4 1/8") - 127 mm (5") dia. Holes

The new shorter and highly dependable Hyper 41 hammer is designed for drilling 105 mm - 127 mm (4 1/8" to 5") diameter holes. The simple yet rugged design minimises the amount of components and overall length for ease of maintenance. For optimum performance the Hyper 41 is most effective at medium to high air pressures ranging from 10 to 24 bar (150 to 350 psi). It comes with industry standard 2 3/8" api reg. pin backhead and DHD340 / COP44 bit shank fitting.

#### Component parts

Ref	Description	Part number
1	Backhead	HSH413801M
2	Backhead 'O' ring	IPBOR02
3	Check valve	IPRCV02
4	Check valve spring	IPRCVS02
5	Compression ring	HSH4128
6	Diverter	HSH4120
7	Piston DHD340	HSH4103
8	Wearsleeve	HSH4100
9	Piston retaining ring	HSH4132
10	Bit retaining 'O' ring	IPBROR01
11	Bit retainer DHD340	HSH4137091
12	Breakout washer	HSH4126
13	Chuck DHD340	HSH4135091
<b>Complete Hammer</b>		<b>BR41H04</b>

#### Air consumption

PSI	BAR	m <sup>3</sup> /min	ft <sup>3</sup> /min
100	6.9	2.33	82.23
125	8.6	3.25	114.92
150	10.3	4.28	151.06
175	12.0	5.39	190.36
200	13.8	6.59	232.57
225	15.5	7.86	277.52
250	17.2	9.20	325.03
275	19.0	10.62	374.98
300	20.7	12.10	427.26
325	22.4	13.64	481.77
350	24.2	15.25	538.41

#### Hammer specification

	Imperial	Metric
Weight (less bit)	77 lbs	35 kg
Length (less bit)	37.1"	942 mm
Outside dia.	3.75"	95 mm
Piston weight	17.6 lbs	8 kg

