

# Robit® WH5" WELL DRILLING HAMMER

(QL50, 2<sup>3</sup>/<sub>8</sub>" API Reg. Pin)

- Minimized fuel consumption
- Optimized air flow
- Robust design



# Technical Specification

## Robit® WH5 (QL50, 2<sup>3</sup>/<sub>8</sub>" API Reg. Pin)

Valveless Hammer 140 mm (5<sup>1</sup>/<sub>2</sub>" ) - 165 mm (6<sup>1</sup>/<sub>2</sub>" ) dia. Holes

The new highly dependable Robit WH5" hammer is designed for drilling 140 mm - 165 mm (5<sup>1</sup>/<sub>2</sub>" to 6<sup>1</sup>/<sub>2</sub>" ) diameter holes. The simple yet rugged design minimises the amount of components and overall length for ease of maintenance. For optimum performance the WH5" is most effective at medium to high air pressures ranging up to 35 bar (508 psi). It comes with industry standard 2<sup>3</sup>/<sub>8</sub>" (or 3<sup>1</sup>/<sub>2</sub>" ) api reg. pin backhead and QL50 (or DHD350) bit shank fitting.

### Component parts

Ref	Description	Part number
1	Thread Protector API 2%	9001121
2	Back Head WH5 API 2%	9001124
3a	Check Valve Plug Blank	9001125
3b	Check Valve Plug 1/8"	9001126
3c	Check Valve Plug 3/16"	9001127
4	Check Valve WH5, WH6	9001128
5	Spring WH5, WH6	9001129
6a	Shim - 4.5 mm WH5	9001130
6b	Shim - 5.0 mm WH5	9001131
6c	Shim - 5.5 mm WH5	9001132
7	Ringfeder Spring WH5	9001133
8	Air Feed Tube WH5	9001134
9	O Ring WH5	9001135
10	Inner Cylinder WH5	9001136
11	Square Lock Ring WH5	9001137
12	Wear sleeve WH5	9001138
13	Piston WH5 QL50	9001139
14	Lock Ring WH5	9001141
15	Guide Bush WH5 QL50	9001144
16	O Ring WH5 QL50	9001145
17	Bit Retaining Ring WH5 QL50	9001146
18	Chuck Lock Ring WH5 QL50	9001148
19	Chuck WH5 QL50	9001149
20	End Cap WH5	9001150
	Service Kit WH5 QL50, incl. (3a-c,5,9,11,14,16)*2	5000007
	Repair Kit WH5 QL50, incl. [(3a-c,9,11,14,16)*2],4,5,6a-c,7,17,24	5000008
	Life Kit WH5 QL50 API 2%, incl. 2,12,19	5000009
	Footvalve QL50	9001151
	<b>Complete Hammer</b>	<b>9000820</b>

### Air consumption

PSI	BAR	m <sup>3</sup> /min	ft <sup>3</sup> /min
100	6.9	8.50	300
150	10.3	11.33	400
200	13.8	14.16	500
250	17.2	19.82	700
300	20.7	22.66	800
350	24.2	28.32	1000
400	27.6	31.15	1100
450	31.0	36.82	1300
500	34.5	39.65	1400

### Hammer specification

	Imperial	Metric
Weight (less bit)	132.3 lbs	60.0 kg
Length (less bit)	41.5"	1053 mm
Outside dia.	4.96"	126 mm

