



CARLOS M ROSA LDA

PORTUGAL

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CR3 DH HAMMER

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ASSEMBLY AND PARTS LIST

Item	Description	Part Number	Quantity
	CR3 DH Hammer	CR.MP00301000	
1	Top sub 2 3/8 API Reg Pin	CR.MP00301110	1
2	O'ring 60 x 3	CR.AQ10362060	2
3	O'ring 15 x 10	CR.AQ10368015	1
4	Dart Valve	CR.MP00301120	1
5	Spring	CR.MP00200150	1
6	Valve Chest	CR.MP00301070	1
7	Pin	CR.MP00200130	1
8	Disc Valve	CR.MP00301100	1
9	Air Distributor	CR.MP00301050	1
10	Cylinder	CR.MP00301020	1
11	Piston	CR.MP00301030	1
12	Bearing	CR.MP00301090	1
13	Wear Sleeve	CR.MP00301010	1
14	Piston Retainer Ring	CR.MP00301080	1
15	Bit Retainer Ring	CR.MP00301060	1
16	Chuck	CR.MP00301040	1

GENERAL SPECIFICATIONS

Shank	DH90 ou BR3
Top Thread	2 3/8" API Reg
Weight	22.4 kg
Outside Diameter	78 mm (3.07")
Length without drill bit	836 mm (32.91")
Recommended Oil Consumption	0.2 to 0.4 l/h
Working Pressure	6 to 17.5 bar (87 – 253 psi)
Recommended Rotation Speed	20 to 90 rpm
Recommended bit size	85 to 95 mm (3.35" – 3.74")



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Pressure	Air Consumption
6.0 bar (87 psi)	3.0 m3/min (110 cfm)
10.3 bar (150 psi)	5.5 m3/min (193 cfm)
13.8 bar (200 psi)	7.3 m3/min (260 cfm)
17.2 bar (250 psi)	9.2 m3/min (325 cfm)