



CARLOS M ROSA LDA

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CR3.5 DH HAMMER

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ASSEMBLY AND PARTS LIST

Item	Description	Part Number	Quantity
	CR3.5 DH Hammer	CR.MP03501000	
1	Top sub 2 3/8" API Reg Pin	CR.MP03501110	1
2	O'ring 55 x 3	CR.AQ10363055	3
3	O'ring 15 x 10	CR.AQ10368015	1
4	Dart Valve	CR.MP00301120	1
5	Spring	CR.MP00200150	1
6	Wear Spacer	CR.MP03501070	1
7	Make up Ring	CR.MP03501130	1
8	Air Distributor	CR.MP03501050	1
9	O'ring 46 x 3	CR.AQ10363046	1
10	Cylinder	CR.MP03501020	1
11	Piston	CR.MP03501030	1
12	Wear Sleeve	CR.MP03501010	1
13	Piston Retainer Ring	CR.MP03500080	1
14	Bit Retainer Ring	CR.MP03501060	1
15	Chuck	CR.MP03501040	1
16	Foot Valve	CR.CD00010130	1

GENERAL SPECIFICATIONS

Shank	DHD3.5
Top Thread	2 3/8" API Reg
Weight	20 kg
Outside Diameter	85 mm (3.35")
Lenght without drill bit	830 mm (32.68")
Recommended Oil Consumption	0.3 to 0.8 l/h
Working Pressure	6 to 25 bar (87 – 363 psi)
Recommended Rotation Speed	30 to 90 rpm
Recommended bit size	95 to 105 mm (3.74" – 4.13")



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Pressure	Air Consumption
10.3 bar (150 psi)	6.0 m3/min (211 cfm)
17.2 bar (250 psi)	10.5 m3/min (371 cfm)
20.7 bar (300 psi)	12.8 m3/min (455 cfm)
24.1 bar (350 psi)	15.3 m3/min (542 cfm)