

Atlas Copco Rock Drilling Tools

SECOROC Down-the-hole equipment

DHD Classic Hammers



Time-tested design

Our DHD Classic product line is available for drilling contractors, owner-operators and large corporations who are specifically looking for the lowest priced drill. This time-tested design is practically bullet proof—it has been in continuous, successful use in the industry for over thirty years.

Atlas Copco

DHD 3 Specifications

General Specifications

	Standard	
	English	Metric
Standard drill pipe connection (see options)	2 ³ / ₈ API reg pin	
Outside diameter (in & mm)	3.1	79
Length w/o bit shoulder to shoulder (in & mm)	35.5	902
Length with bit extended (in & mm)	39.4	1001
Length with bit retracted (in & mm)	38.2	970
Weight w/o bit (lb & kg)	65	30
Backhead across flats (in)	1 ³ / ₄ x 2 ¹ / ₂ AF	
Minimum bit size (in & mm)	3.5	90
Maximum bit size (in & mm)	3.9	100
Bore (in & mm)	2.5	64
Piston weight (lb & kg)	12	5.5
Stroke (in & mm)	4.0	102
Maximum pressure differential (psig & bar)	350	25
Maximum choke diameter (in & mm)	0.35	8.9
Make-up torque (ft-lb & N-m)	3000	4062
Shank style	DHD3.5	

Air Consumption:

	DHD3	
100 psi/ 6,9 bar (scfm & l/s)	111	52
blows per minute	1,347	
150 psi/ 10,3 bar (scfm & l/s)	176	83
blows per minute	1,486	
200 psi/ 13,8 bar (scfm & l/s)	248	117
blows per minute	1,625	
250 psi/ 17,2 bar (scfm & l/s)	328	155
blows per minute	1,764	
300 psi/ 20,7 bar (scfm & l/s)	414	195
blows per minute	1,904	
350 psi/ 24,1 bar (scfm & l/s)	506	239
blows per minute	2,043	
400 psi/ 27,6 bar (scfm & l/s)	606	286
blows per minute	2,182	
435 psi/ 30,0 bar (scfm & l/s)	680	321
blows per minute	2,279	
Above specifications/ratings are based on initial factory setting		

Part Information			CONNECTIONS		PHYSICAL FEATURES		OTHER FEATURES																	
Prod. code	Part No.	Description	2-3/8 reg pin	2-7/8 IF pin	Blank Backhead	No Backhead	Standard	Deep Hole	Mizer	Quarry Mining	Low Pressure	High Frequency	Thick Casing	Tough Casing	Left Hand Threads	Cutting Backhead	Two Piece Chuck	Retrieval System	Hydrocyclone	Oil Free	Reduced OD	Oversize Chuck	AtSelect	
52334307	9703-03-40-00	DHD3.5	X				X																	

Atlas Copco Secoroc offers a wide range of bit body designs and button inserts to meet your specific drilling requirements. Consult the Drill Bits catalogue, or contact your local sales office for details.