

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 4 Specifications

General Specifications

	Standard		Deep Hole	
	English	Metric	English	Metric
Standard drill pipe connection (see options)	2 ³ / ₈ API reg box		2 ³ / ₈ API reg box	
Outside diameter (in & mm)	3.6	92	3.6	92
Length w/o bit shoulder to shoulder (in & mm)	41.3	1049	41.3	1049
Length with bit extended (in & mm)	45.6	1158	44.5	1158
Length with bit retracted (in & mm)	44.5	1130	44.5	1130
Weight w/o bit (lb & kg)	85	39	80	36
Backhead across flats (in)	1 ³ / ₄ x 2 ¹ / ₂ AF		1 ³ / ₄ x 2 ¹ / ₂ AF	
Minimum bit size (in & mm)	4.1	105	4.1	105
Maximum bit size (in & mm)	5.0	127	5.0	127
Bore (in & mm)	2.9	75	2.9	75
Piston weight (lb & kg)	17.1	8	17.1	8
Stroke (in & mm)	4.0	102	4.0	102
Maximum pressure differential (psig & bar)	350	25	350	25
Maximum choke diameter (in & mm)	0.35	8.9	0.35	8.9
Make-up torque (ft-lb & N-m)	4000	5416	4000	5416
Shank style	DHD340		DHD340	

Air Consumption:

	Standard		Deep Hole	
	English	Metric	English	Metric
100 psi/ 6,9 bar (scfm & l/s)	125	59	178	84
blows per minute	1,145		1,136	
150 psi/ 10,3 bar (scfm & l/s)	199	94	286	135
blows per minute	1,335		1,382	
200 psi/ 13,8 bar (scfm & l/s)	286	135	402	190
blows per minute	1,505		1,589	
250 psi/ 17,2 bar (scfm & l/s)	384	181	524	247
blows per minute	1,656		1,757	
300 psi/ 20,7 bar (scfm & l/s)	495	233	654	308
blows per minute	1,787		1,886	
350 psi/ 24,1 bar (scfm & l/s)	618	292	791	373
blows per minute	1,898		1,975	
400 psi/ 27,6 bar (scfm & l/s)	753	355	936	442
blows per minute	1,990		2,025	
435 psi/ 30,0 bar (scfm & l/s)	855	403	1,041	491
blows per minute	2,043		2,037	

Above specifications/ratings are based on initial factory setting

Part Information			CONNECTIONS										PHYSICAL FEATURES															
Prod. code	Part No.	Description	2-3/8 reg pin	2-3/8 reg box	2-7/8 IF pin	2-7/8 IF box	2-7/8 reg pin	2-7/8 reg box	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	AirSelect	
51783066	9704-04-40-00	DHD340		X							X																	
51783082	9704-04-42-00	DHD340	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.