

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 8 Specifications

General Specifications

	Standard		Mizer	
	English	Metric	English	Metric
Standard drill pipe connection (see options)	4 1/2 API reg pin		4 1/2 API reg pin	
Outside diameter (in & mm)	7.1	181	7.1	181
Length w/o bit shoulder to shoulder (in & mm)	56.8	1443	56.8	1443
Length with bit extended (in & mm)	63.5	1613	63.5	1613
Length with bit retracted (in & mm)	61.4	1560	61.4	1560
Weight w/o bit (lb & kg)	390	177	446	203
Backhead across flats (in)	2 1/2 x 5 7/8 AF		2 1/2 x 5 7/8 AF	
Minimum bit size (in & mm)	7.9	200	7.9	200
Maximum bit size (in & mm)	10.6	270	10.6	270
Bore (in & mm)	5.8	148	5.8	148
Piston weight (lb & kg)	82	37	82	37
Stroke (in & mm)	4.0	102	4.0	102
Maximum pressure differential (psig & bar)	350	25	350	25
Maximum choke diameter (in & mm)	0.53	13.5	0.53	13.5
Make-up torque (ft-lb & N-m)	8000	10932	8000	10832
Shank style	DHD380		DHD380	

Air Consumption:

	Standard		Mizer	
	English	Metric	English	Metric
100 psi/ 6,9 bar (scfm & l/s)	345	163	304	143
blows per minute	1,000		1,000	
150 psi/ 10,3 bar (scfm & l/s)	583	275	493	233
blows per minute	1,100		1,100	
200 psi/ 13,8 bar (scfm & l/s)	821	387	672	317
blows per minute	1,200		1,200	
250 psi/ 17,2 bar (scfm & l/s)	1,060	500	842	397
blows per minute	1,300		1,300	
300 psi/ 20,7 bar (scfm & l/s)	1,299	613	1,003	473
blows per minute	1,400		1,400	
350 psi/ 24,1 bar (scfm & l/s)	1,538	725	1,155	545
blows per minute	1,500		1,500	

Above specifications/ratings are based on initial factory setting

Part Information			CONNECTIONS																PHYSICAL FEATURES															
			4-1/2 reg pin	4-1/2 BECO pin	6-5/8 reg pin	7-5/8 reg box	8-5/8 reg 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	AirSelect								
Prod. code	Part No.	Description																																
52334364	9708-08-41-00	DHD380MP	X								X																							
51795516	9708-32-41-00	DHD380M		X							X																							
51940146	9708-08-41-08	DHD380M	X								X							X																
51940153	9708-32-41-08	DHD380M		X							X																							
51940138	9708-08-41-06	DHD380M	X								X			X																				
51940062	9708-08-40-08	DHD380W	X							X					X		X																	
51942068	9708-00-40-00	DHD380W							X	X																								
51956845	9708-08-40-05	DHD380WHC	X						X												X													
51947901	9708-08-42-00	DH380W	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.