

Atlas Copco Rock Drilling Tools

SECOROC Down-the-hole equipment

Total Depth Hammers



Maximum productivity

Our Total Depth product line is the best for drilling contractors, owner-operators and large corporations seeking maximum productivity from their costly drill-rig investment. This product line delivers industry-leading drilling performance using state-of-the-art technology. Our hybrid valved/valveless design maximizes the productivity of your air compressor. An enlarged piston bore coupled with accurate matching of piston-to-bit weight deliver the industry's highest power output.

Atlas Copco

TD 35 Specifications

General Specifications

	Standard	
	English	Metric
Standard drill pipe connection (see options)	2 ³ / ₈ API reg pin	
Outside diameter (in & mm)	3.13	79
Length w/o bit shoulder to shoulder (in & mm)	31.4	799
Length with bit extended (in & mm)	35.2	894
Length with bit retracted (in & mm)	33.9	862
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 (AIRselect as shipped):

	TD35	
100 psi/ 6,9 bar (scfm & l/s)	135	64
blows per minute	1,289	
150 psi/ 10,3 bar (scfm & l/s)	211	100
blows per minute	1,509	
200 psi/ 13,8 bar (scfm & l/s)	290	137
blows per minute	1,699	
250 psi/ 17,2 bar (scfm & l/s)	348	164
blows per minute	1,858	
300 psi/ 20,7 bar (scfm & l/s)	400	189
blows per minute	1,987	
350 psi/ 24,1 bar (scfm & l/s)	444	209
blows per minute	2,086	
400 psi/ 27,6 bar (scfm & l/s)	479	226
blows per minute	2,155	
435 psi/ 30,0 bar (scfm & l/s)	499	235
blows per minute	2,186	

Above specifications/ratings are based on initial factory AIRselect 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	Reducer OD	Oversize Chuck	AIRselect
52312923	9703-03-60-00	TD35	X								X																
TD35 Rebuild Kits & Accessories*																											
52336880	9703-03-60-00-040	TD35 E-Kit	X								X																

* In addition to new externals, rebuild kits also contain internal hardware needed to insure your rebuild is good from the inside out.

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.



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