

Atlas Copco Rock Drilling Tools

SECOROC Down-the-hole equipment

Quantum Leap[®] Hammers



Strong performance and affordability

Our Quantum Leap[®] product line is available for those seeking a good balance between strong performance and cost. This product line was the drilling industry's first hybrid-combination of valve and valveless-air cycle down-hole drills. Setting many industry benchmarks, the Quantum Leap[®] line continues to offer good value.

Atlas Copco

QL 200 Specifications

General Specifications

	Standard		Special	
	English	Metric	English	Metric
Standard drill pipe connection (see options)	8 ⁵ / ₈ API reg pin		8 ⁵ / ₈ API reg pin	
Outside diameter (in & mm)	15.6	396	15.6	396
Length w/o bit shoulder to shoulder (in & mm)	65.8	1670	72.1	1831
Length with bit extended (in & mm)	75.3	1911	83.5	2120
Length with bit retracted (in & mm)	73.3	1861	81.5	2069
Weight w/o bit (lb & kg)	2579	1172	2983	1356
Backhead across flats	Special Wrench/Tongs Required			
Minimum bit size (in & mm)	17.5	444	28.0	711
Maximum bit size (in & mm)	26.0	660	36.0	914
Bore (in & mm)	12.25	311	12.25	311
Piston weight (lb & kg)	610	277	610	277
Stroke (in & mm)	4.0	102	4.0	102
Maximum pressure differential (psig & bar)	250	17	250	17
Maximum choke diameter (in & mm)	0.88	22.3	0.88	22.3
Make-up torque (ft-lb & N-m)	18000	24372	18000	24372
Shank style	QL200		QL200	

Air Consumption:

	Standard		Special	
	English	Metric	English	Metric
100 psi/ 6,9 bar (scfm & l/s)	1,584	747	1,584	747
blows per minute	701		701	
150 psi/ 10,3 bar (scfm & l/s)	2,470	1165	2,470	1165
blows per minute	807		807	
200 psi/ 13,8 bar (scfm & l/s)	3,389	1599	3,389	1599
blows per minute	923		923	
250 psi/ 17,2 bar (scfm & l/s)	4,341	2048	4,341	2048
blows per minute	1,049		1,049	
300 psi/ 20,7 bar (scfm & l/s)	5,324	2511	5,324	2511
blows per minute	1,185		1,185	
350 psi/ 24,1 bar (scfm & l/s)	6,340	2991	6,340	2991
blows per minute	1,331		1,331	

Above specifications/ratings are based on initial factory setting

Part Information			CONNECTIONS		PHYSICAL FEATURES		OTHER FEATURES																				
Prod. code	Part No.	Description	4-1/2 reg pin	4-1/2 BECO pin	6-5/8 reg pin	8-5/8 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	
52286523	9720-36-50-00	QL200					X			X																	
52328069	9720-43-50-00	QL200			X					X																	
52286531	9720-36-50-06	QL200S					X			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.