

LBD16M



The Straight Motor models

With a range of six straight motor models – three models with low speed motor and three with high speed – you can be sure to meet a perfect match.

The rubber grip and safety trigger make sure you avoid unintended starts and the reliable motor lies comfortable in hand. The operator can easily adjust speed and power for optimized drilling.

Features

- A** Lubrication free motor means a cleaner working environment.
- B** A small rear end for a good fit to the hand.
- C** Comfortable rubber grip.
- D** Correct handle angle for a comfortable working position.
- E** Adjustable air exhaust directs the cool air away from the operator.
- F** Trigger with rounded edges for a good fit to the finger.
- G** Speed control trigger.
- H** Wings guide the operators' finger for a steady grip.
- I** Dust and dirt stay out of the motor thanks to a complete SEAL module.
- J** Safety Trigger to avoid unintended start.
- K** Speed adjuster.



Drilling behind a panel, at an angle...not a problem.

MODULAR DRILL MOTOR UNITS

Model	Free speed ^a rpm	Motor speed ^b	Weight		Air consumption		Hose size		Air inlet thread BSP	Power		Ordering No.
			kg	lb	l/s	cfm	mm	in		W	hp	
Straight motor units												
LBD16M-005	500	600	0.57	1.25	8.7	18.4	6.3	1/4	1/4	300	0.4	8421 0122 05
LBD16M-010	1000	1200	0.57	1.25	8.7	18.4	6.3	1/4	1/4	300	0.4	8421 0122 10
LBD16M-018	1800	2100	0.57	1.25	8.7	18.4	6.3	1/4	1/4	300	0.4	8421 0122 18
LBD16M-032	3200	3600	0.45	1	8.7	18.4	6.3	1/4	1/4	300	0.4	8421 0122 32
LBD16M-045	4500	5100	0.45	1	8.7	18.4	6.3	1/4	1/4	300	0.4	8421 0122 45
LBD16M-055	5500	6200	0.45	1	8.7	18.4	6.3	1/4	1/4	300	0.4	8421 0122 55
Pistol motor units												
LBP16M-005	500	600	0.6	1.3	9.5	20.0	6.3	1/4	1/4	340	0.45	8421 0124 05
LBP16M-010	1000	1100	0.6	1.3	9.5	20.0	6.3	1/4	1/4	340	0.45	8421 0124 10
LBP16M-018	1800	2100	0.5	1.1	9.5	20.0	6.3	1/4	1/4	340	0.45	8421 0124 18
LBP16M-033	3300	3700	0.5	1.1	9.5	20.0	6.3	1/4	1/4	340	0.45	8421 0124 33
LBP16M-045	4500	5100	0.5	1.1	9.5	20.0	6.3	1/4	1/4	340	0.45	8421 0124 45
LBP16M-060	6000	6800	0.5	1.1	9.5	20.0	6.3	1/4	1/4	340	0.45	8421 0124 60

^a The free speed is given when used with a 90° angle head. ^b Multiply this value with the Speed ratio to get the free speed of each angle head.

MODULAR DRILL HEADS

Model	Angle head	Weight		Collet cap.	Thread in	Speed ratio	Length		Ordering No.
		kg	lb				mm	in	
Angle heads with collet - Short									
BHM90SC-5-0	90°	0.2	0.5	5.0	–	14:16	65.5	2.58	8421 0123 02
Angle heads with collet - Standard									
BHM90C-5-0	90°	0.17	0.36	5.0	–	14:16	88.5	3.48	8421 0123 00
BHM90C-6-6	90°	0.24	0.55	6.6	–	14:16	89.6	3.53	8421 0123 05
BHM90C-8-0	90°	0.24	0.55	8.0	–	14:17	89.7	3.54	8421 0123 80
BHM45C-5-0	45°	0.20	0.44	5.0	–	14:15	117.3	4.62	8421 0123 10
BHM30C-5-0	30°	0.20	0.44	5.0	–	14:15	120.4	4.74	8421 0123 20
BHM30C-6-6	30°	0.20	0.44	6.6	–	14:15	127	5	8421 0123 15
BHM90ZC-5-0	360°	0.21	0.47	5.0	–	7:9	100.8	3.97	8421 0123 30
BHM90ZC-6-6	360°	0.21	0.47	6.6	–	7:9	108	4.25	8421 0123 40
Angle heads with collet - Extended									
BHM90EC-5-0	90°	0.26	0.58	5.0	–	14:16	128.5	5.06	8421 0123 08
BHM45EC-5-0	45°	0.29	0.64	5.0	–	14:15	157.3	6.19	8421 0123 18
BHM30EC-5-0	30°	0.29	0.64	5.0	–	14:15	160.4	6.31	8421 0123 28
BHM90EYC-5-0	360°	0.30	0.67	5.0	–	7:9	140.8	5.54	8421 0123 38
Angle head with internal thread - Standard									
BHM90T-1-4	90°	0.17	0.36	–	1/4"-28	14:16	88.5	3.48	8421 0123 01
BHM90LT-1-4	90°	0.23	0.52	–	1/4"-28	14:16	89.6	3.53	8421 0123 06
BHM45T-1-4	45°	0.20	0.44	–	1/4"-28	14:15	118.2	4.65	8421 0123 11
BHM30T-1-4	30°	0.20	0.44	–	1/4"-28	14:15	121.1	4.77	8421 0123 21
BHM90ZT-1-4	360°	0.21	0.47	–	1/4"-28	7:9	101	3.98	8421 0123 31
Angle head with internal thread - Extended									
BHM90ET-1-4	90°	0.26	0.58	–	1/4"-28	14:16	128.5	5.06	8421 0123 09
BHM45ET-1-4	45°	0.29	0.64	–	1/4"-28	14:15	157.9	6.22	8421 0123 19
BHM30ET-1-4	30°	0.29	0.64	–	1/4"-28	14:15	161.1	6.34	8421 0123 29
BHM90EYT-1-4	360°	0.30	0.67	–	1/4"-28	7:9	141	5.55	8421 0123 39
Straight short angle head									
BHMO-5-0	0°	0.14	0.31	5.0	–	1:1	78	3.07	8421 0123 43
BHMO-1-4	0°	0.14	0.31	–	1/4"-28	1:1	78	3.07	8421 0123 44



For more information regarding off-set drills, please contact Atlas Copco local sales representative