

Light pneumatic rock drills

Application:

- Drills up to 2 m depth
- Plug hole drilling
- Anchor and wedge hole drilling

Features:

- Noise-reduction (S-versions)
- 'HAPS' Hand and Arm Protection System (E-versions)
- Built-in air flushing
- Trigger version available (ET)



Pneumatic rock drills		BBD 12 D	BBD 12 DS	BBD 12 DCS	BBD 12 T	BBD 12 TS	BBD 15 E	BBD 15 ET
Weight	kg	9,8	10,7	10,5	11,1	12,1	15,5	15,6
Length	mm	565	565	560	505	505	575	575
Air consumption	l/s	24	22	22	24	22	22	22
Impact rate	blows/min	2580	2580	2580	2580	2580	2520	2520
Revolutions	rpm	220	220	220	220	220	220	220
Penetration rate	mm/min	250 ¹⁾	230 ¹⁾	230 ¹⁾	150 ²⁾	150 ²⁾	220 ¹⁾	220 ¹⁾
Hose connection	mm	13	13	13	19	19	19	16
Vibration level 3 axes (ISO 20643)	m/s ²	22,2	22,2	22,2	16	16	7	7
Sound power level (2000/14/EC)	Lw, dB(A)	114	108	108	116	111	110	110
Sound pressure level (ISO 11203)	Lp, r=1m	103	97	97	103	98	97	97
Part number with shank H 19x108 mm		8311 0102 47	8311 0102 80	-	-	-	8311 0104 02	8311 0104 12
Part number with shank H 22x108 mm		8311 0102 96	-	-	8311 0102 95	8311 0102 98	8311 0104 10	8311 0104 13

Data at 6,2 bar (90 psi) air pressure

¹⁾ In granite, drilling with 28 mm at 6 bar

²⁾ In granite, drilling with 32 mm at 6 bar

Claw couplings not included in delivery.

Medium pneumatic rock drills

Application:

- Drills up to 6 m depth
- Production drilling in quarry/dimension stone industry
- Blast hole and secondary drilling

Features:

- Noise-reduction
- ‘HAPS’ Hand and Arm Protection System
- Built in air flushing
- Extra flushing for quick and efficient hole cleaning with non stop drilling

Pneumatic rock drills		RH 571	RH 571 S	RH 572 E
Weight	kg	17,8	18,9	22,8
Length	mm	510	510	583
Air consumption	l/s	39	39	37
Impact rate	blows/min	2100	1980	2040
Revolutions	rpm	190	190	170
Penetration rate ¹⁾	mm/min	295	275	260
Hose connection	mm	19	19	19
Vibration level 3 axes (ISO 20643)	m/s ²	23,2	23,2	9,7
Sound power level (2000/14/EC)	Lw, dB(A)	119	112	113
Sound pressure level (ISO 11203)	Lp, r=1m	106	99	100
Silenced		no	yes	no
Vibration reduced		no	no	yes
Part number with shank H 22x108 mm		8311 0301 29	8311 0301 37	8311 0301 78

Data at 6,2 bar (90 psi) air pressure

¹⁾In granite, drilling with 32 mm at 6 bar

Claw couplings not included in delivery



Heavy pneumatic rock drills

Application:

- Drills up to 6 m depth
- Production drilling in quarry / dimension stone industry
- Blast hole and secondary drilling

Features:

- Noise-reduction (S-versions)
- 'HAPS' Hand and Arm Protection System (E-versions)
- Built-in air flushing
- Extra flushing for quick and efficient hole cleaning



Pneumatic rock drills		RH 658	RH 658 LRC ²⁾	RH 658 S	SRD 25 E
Weight	kg	24	24	25	27
Length	mm	565	565	565	600
Air consumption	l/s	58	58	58	50
Impact rate	blows/min	2040	2040	2040	2040
Revolutions	rpm	215	215	215	250
Penetration rate ¹⁾	mm/min	425	425	425	336
Hose connection	mm	19	19	19	19
Vibration level 3 axes (ISO 20643)	m/s ²	21,2	21,2	21,2	10,7
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	116	116	112	110
Sound pressure level (ISO 11203)	Lp, r=1m	106	106	99	n/a
Silenced		no	no	yes	yes
Vibration reduced		no	no	no	yes
Part number with shank H 22x108 mm		8311 0302 86	8311 0302 77	8311 0302 87	8311 0325 10
Part number with shank H 25x108 mm		8311 0302 89	-	-	8311 0325 09

Data at 6,2 bar (90 psi) air pressure

¹⁾Penetration rate is mentioned under test conditions on granite, however it may vary depending on hardness of material and operator skill.

²⁾Available only for low-regulated markets

Claw couplings not included in delivery.

Suitable couplings:

Atlas Copco Standard

Atlas Copco Standard with strainer

US Standard

9000 0306 00

9000 0306 01

9001 0005 06

Pneumatic rock drills – Stopers

Application:

- Raise driving
- Screening

Stopers		BBD 46WS-8
Hole range	mm	27-41
Weight	kg	40
Length retracted	mm	1650
Length extracted	mm	2620
Air consumption	l/s	90
Impact rate	bpm	3000
Piston diameter	mm	75
Stroke length	mm	45
Vibration level 3 axes (ISO 20643)	m/s ²	10
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	124
Sound pressure level (ISO 11203)	Lp, r=1m	121
Part number with shank H 22x108 mm		8311 0202 11

Data at 6,2 bar (90 psi) air pressure



Underground pneumatic rock drills

Application:

- Raise driving and bolting
- Screening

Features:

- High quality, designed for production drilling
- Built-in water flushing



Rock drills		BBC 16W	BBC 34W ¹⁾	BBD 94W ¹⁾	RH 656 4W ²⁾
Hole range	mm	27-41	27-41	27-41	27-41
Weight	kg	28,5	33,5	28	22
Length	mm	705	775	670	658
Air consumption	l/s	69	88	97	48
Impact rate	blows/min	2340	2280	3300	2040
Piston diameter	mm	70	80	90	65
Stroke length	mm	55	70	45	59
Vibration level 3 axes (ISO 5349-2)	m/s ²	16,6	20,4	15	21,2
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	122	127	125	120
Sound pressure level (ISO 11203)	Lp, r=1m	111	116	114	115
Part number with shank size H 22x108 mm		8311 0401 10	8311 0408 05	8311 0206 09	8311 0302 02

Data at 6,2 bar (90 psi) air pressure

¹⁾Article will be phased out. Available until stock is exhausted.

²⁾Available only for low-regulated markets

Pneumatic rock drills – pusher legs

Application:

Underground horizontal drilling

Features:

- High quality, designed for production drilling
- Single or double telescopic pusher legs



Pusher legs		BMT 51	ALF 72D ¹⁾	ALF 72D-1 ¹⁾	BMK 62 S
Telescope		Single	Single	Single	Single
Suitable for rock drill:		BBC 16W	BBD 94W	BBD 94W	RH 656W
Feeding length	mm	1300	1300	1200	1300
Length retracted	mm	1658	1970	1830	1815
Length extracted	mm	2958	3270	3030	3115
Weight	kg	15	19	16	17
Cylinder Bore	mm	60	70	70	53
Part number		8321 0301 01	8321 0201 80	8321 0201 81	8321 0102 02

Data at 6,2 bar (90 psi) air pressure

¹⁾Article will be phased out. Available until stock is exhausted.