



BBC 120

Pneumatic rock drill for long hole drilling, bench drilling and drifting Hole size 51 - 89 mm (2" - 3½")

 **Epiroc**

Versatility and reliability

The BBC 120 is suitable for drilling applications both on the surface and underground.



+ Main benefits

Remote controlled: Rifle-bar actuated rotation motor with eight pawls (four for each direction) that engage or disengage.

Versatility: Easily converted from water flushing to air blowing.

Durability: Hoses can be placed on either side to protect from unintentional abuse.



BBC 120F is used for surface drilling; BBC 120FZ is used for underground applications.



BBC 120 can be fitted to match various shank adapters.



Exhaust outlet can be fitted with an elbow pipe to lead exhaust away from operator and reduce noise level.

Technical specifications

Dimensions and weight

Weight	69 kg (152 lb)
Length	780 mm (2 ft 6.7 inch)
Piston diameter	120 mm (4.7 inch)
Chuck	38 mm (1.5 inch)

Impact ratings

Impact power, max	7.2 kW (9.7 hp)
Impact frequency	33 Hz
Rotation speed	0 - 210 rpm

Drilling parameters

Rod size	R32, FI38, R38
Hole range with R32	51 - 64 mm (2 - 2 ½ inch)
Hole range with FI38	64 - 89 mm (2 ½ - 3 ½ inch)

Hose sizes

For impact mechanism	38 mm (1 ½ inch)
For rotation	10 mm (¾ inch)
For flushing water	19 mm (¾ inch)
Optional exhaust outlet connection	63 mm (2 ½ inch)

Flushing flow and pressure

Flushing water consumption	1 l/min (0.035 cfm)
Air consumption	167 l/sec (353 cfm)

Service kits

Model	Part number for major preventive maintenance kit
BBC 120F Domestic	3161 9000 03
BBC 120F Export	3161 9000 04
BBC 120FZ	3161 9000 05

Rock drill part numbers

Model	Part number for complete rock drill
BBC 120F Domestic	8311 0800 01
BBC 120F Export	8311 0603 08
BBC 120FZ	8311 0603 25

Shank adapter

R32 (underground application)	404-01331.00
R32 (surface application)	403-01331.00
FI38 (surface application)	435-01131.00

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