Product Brochure

MetreEater BQ Pneumatic Diamond Drill

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MetreEater BQ Pneumatic Diamond Drill Specifications

Rating
170 m ex horizontal - BQ
120m ex vertical up or down - BQ

Spindle speed
0 – 2,000 rpm

Weight: Drill
160 kg (incl bar clamp and silencer)

Weight: Rod Puller
79 kg

Motor
Vane type air motor
Max 30 kw output at 600kPa air pressure
From 8 to 20 m³/min (280 to 700 cfm)

Operating pressure
300 - 600 kPa (12 - 30kW)

Feed screw
ID suitable for AQ and BQ rods

Feed screw run
1,000 mm (Total length 1,700 mm)

Chuck
3 jaw for AQ and BQ rods

Drill
Totally enclosed unit containing all moving parts. The air motor is an easily detachable sub-assembly.

Feed gears
The machine is equipped with 3 feed gears, with available selection as follows:

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<th>Revolutions / cm advance</th>
<th>Advance at 1,400rpm</th>
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<tbody>
<tr>
<td>Rev/cm</td>
<td>cm/min</td>
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<tr>
<td>Fine</td>
<td>200</td>
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<tr>
<td>Medium</td>
<td>125</td>
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<tr>
<td>Coarse</td>
<td>100</td>
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Feed gear change
Interlock system. Neutral / reverse position located between each gear. Fine is handwheel fully clockwise, medium is in the centre and coarse is fully counter clockwise.

Mounting
Clamps fit 114mm (4 ½”) OD. single bar.

Angle of drilling
Designed to drill through 360°.

Rod puller
152.4 dia with 760 mm stroke. 800 kg capacity at 500 kPa