



VL 140

Pneumatic rock drill for surface drilling
Hole range 64 - 102 mm (2 ½" - 4")

 **Epiroc**

Reliable and versatile

A pneumatic tophammer rock drill designed to tackle most surface drilling applications, offering high performance in all types of rock.

Integral design which eliminates dust and dirt from entering the rock drill's mechanism

Valveless, air-powered design with separate, independently controlled gear-type rotation unit

Equipped with a 140 mm (5.5") impact piston

⊕ Main benefits

Enables operators to continuously adjust forward-reverse rotation and speed for optimal productivity

Can be utilized on any type of fixed or mobile pneumatic drilling unit with a chain-feed system

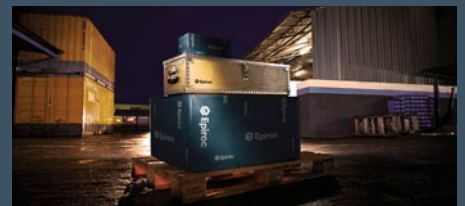
Decreases required service frequency for improved operations



Lubrication is provided by the central air lubricator on the drill rig.



Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and performance.



Also featured is a double blower tube construction, standard chuck parts (jaw, aligner and retainer) for a 4 splined shank piece. A12 splined chuck jaw is also available as an option.

Technical specifications

Dimensions and weight

Weight without shank adapter	191 kg (421 lb)
Length without shank adapter	854 mm (32 ft 10 inch)
Width including connectors	369 mm (1 ft 2.5 inch)
Height	308 mm (1 ft)
Height over drill center	209 mm (8.2 inch)

Rotation

Rotation range (continuous)	0 - 150 rpm
Torque (maximum)	250 Nm (184 lbf-ft)
Working pressure (maximum)	6 bar (87 psi)

Air flow and pressure

Air pressure (maximum)	6 bar (87 psi)
Air consumption (excluding flushing)	250 l/s (530 cfm)
Air consumption (including flushing T38)	320 l/s (678 cfm)
Air consumption (including flushing T45)	330 l/s (700 cfm)
Flushing air (maximum)	6 bar (87 psi)

Impact ratings

Impact power (maximum)	12 kW (16.1 hp)
Impact rate	35 Hz
Impact frequency	55/73 Hz

Service kits

Seal kit	3115 9560 90
Minor Preventive Maintenance kit (#1)	2651 3841 39
Major Preventive Maintenance kit (#2)	2651 3841 47

Shank adapter

R32 (length 381 mm)	403-03251.10
R38 (length 381 mm)	404-03251.10
T38 (length 381 mm)	435-03251.10
T45 (length 381 mm)	436-03251.10
T38 (length 446 mm)	435-03254.10

Service tools

Description	Part Number
Complet tool set	3115 5854 00
Including:	
Mandrel	3115 5438 00
Fixture	3115 5552 00
Pressing tool	3115 5553 00
Pressing tool	3115 5554 00
Pressing tool	3115 5555 00
Pressing tool	3115 5556 00
Socket	3115 5855 00
Socket	3115 5856 00
Tool box	3161 9000 09
Pressing tool	3161 9000 12
Assembly fixture	3161 9000 19

Article number rock drills

VL 140 (Version B)	2710 0001 25
--------------------	--------------

United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.
epiroc.com

