



COP 1238K

Hydraulic rock drill for tunneling and drifting
Hole range 51 - 89 mm (1 ½" - 3 ½")

 **Epiroc**

Reliability and durability

Developed to maximize impact power while optimizing durability.



+ Main benefits

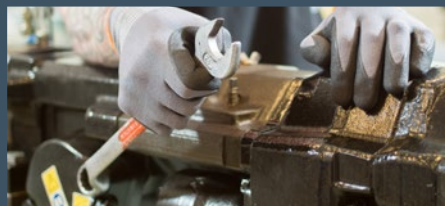
Enhances durability of the drill steel and equipment boom and feed

Provides high torque for efficient drilling and minimizes risk for jamming

Maximizes impact power while still providing durability for the drill steel



Separate lubrication of front head and driver with pressurized and lubricated mating surfaces/side bolts ensures protection against wear and corrosion.



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



Major and minor Preventive maintenance kits are available for maintenance ease, and to ensure optimized rock drill service life.

Technical specifications

Dimensions and weight

Weight	172 kg (379 lb)
Length without shank adapter	1 008 mm (3 ft 3.7 inch)
Width including connectors	285 mm (11.2 inch)
Height	223 mm (8.8 inch)
Height over drill center	88 mm (3.5 inch)

Impact ratings

Output power, nominal	12 kW (16 hp)
Input power to rock drill, max	26 kW (35 hp)
Hydraulic pressure	220 bar (3,190 psi)
Flow rate	61 - 79 l/min (2 - 2.8 cfm)
Impact frequency	40 - 60 Hz

Service kits

Seal kit	3115 9164 95
Minor Preventive Maintenance kit	3115 9164 96
Major Preventive Maintenance kit (38)	3115 9164 97
Major Preventive Maintenance kit (52)	3115 9164 98

Service kits

	05 (100 cc)	07 (160 cc)	09 (250 cc)
Rotation range	0 - 340 rpm	0 - 210 rpm	0 - 140 rpm
Torque, max	640 Nm (472 lbf-ft)	1000 Nm (728 lbf-ft)	1550 Nm (1,143 lbf-ft)
Working pressure, max	210 bar (3,046 psi)	210 bar (3,046 psi)	200 bar (2,901 psi)
Oil consumption, max	75 l/s (2.7 cfm)	75 l/s (2.7 cfm)	75 l/s (2.7 cfm)

Flushing flow and pressure

Flushing water pressure, max	20 bar (290 psi)
Lubricating air consumption at 2 bar (29 psi)	5 - 7 l/s (0.17 - 0.25 cfm)
Flushing water consumption*	35 - 40 l/min (1.2 - 4.2 cfm)

*Flushing water consumption depends strongly on a hole diameter, bit type, drill rod size and rock hardness. The figures above are typical values for spherical button bits in granite, 200 MPa (29,007 psi)

Shank adapter

	Drifting	Long-Hole drilling
R32	409 - 09191, 01	N/A
R38	404 - 09191, 10	N/A
T38	435 - 09191, 10	435 - 09109, 10
T45	N/A	436 - 09103, 10

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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.
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