



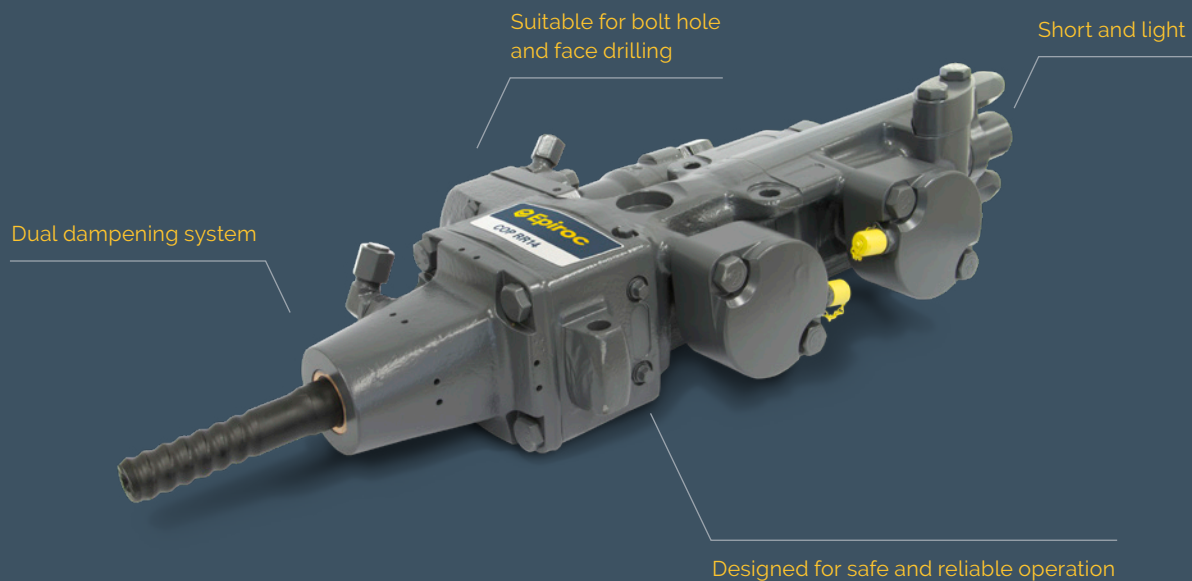
# COP RR14

Hydraulic rock drill for bolt hole and face drilling  
Hole range 35 - 64 mm (1 3/8" - 2 1/2")

 **Epiroc**

# Efficiency and reliability

Developed for cost efficient drilling, high machine utilization and trouble free operation.



## + Main benefits

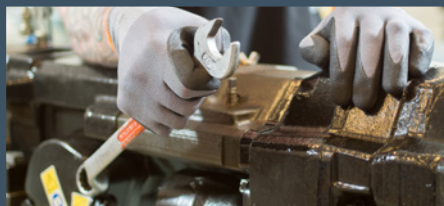
Short length means fewer rod changes and connections for faster drilling and bolting

High torque for efficient drilling with minimal risk for jamming

Reliability with optimized rock contact, while protecting the rock drill from harmful energy recoils



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



In face drilling application, the COP RR14 is suitable for situations where a short drill length is desired and hole sizes are 64 mm or less (102 mm or less for reaming).



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	81 kg (178.5 lb)
Length without shank adapter	735 mm (2 ft 5 inch)
Width including connectors	290 mm (11.4 inch)
Height	194 mm (7.64 inch)
Height over drill center	77 mm (3.03 inch)

## Impact ratings

Impact power, max	14 kW (18.8 hp)
Hydraulic pressure, max	210 bar (3 045.7 psi)
Flow rate, percussion	85 L/min (3 cfm)
Impact frequency	80 Hz

## Service kits

Seal kit	3115 9012 19
Seal kit front	3115 9012 18
Minor repair kit	3115 9012 20
Major repair kit	3115 9012 21

## Rotation motors

	80 cc (02)	125 cc (06)
Rotation range	0 - 500 rpm	0 - 320 rpm
Torque, max	330 Nm (243 lbf-ft)	550 Nm (406.6 lbf-ft)
Working pressure, max	225 bar (3 263.3 psi)	225 bar (3 263.3 psi)
Oil consumption	60 L/min (2 cfm)	60 L/min (2 cfm)

## Flushing flow and pressure

Flushing water pressure, max	25 bar (362.6 psi)
Lubricating air consumption at 2 bar (29 psi)	3 - 4 L/s (6.8 - 8.5 cfm)
Flushing water consumption*	25 - 100 L/min (0.9 - 3.5 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

TC35	469 - 19001,10
TC35E	469 - 19004,10
R32	403 - 19001,10
R32E	403 - 19004,10



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