



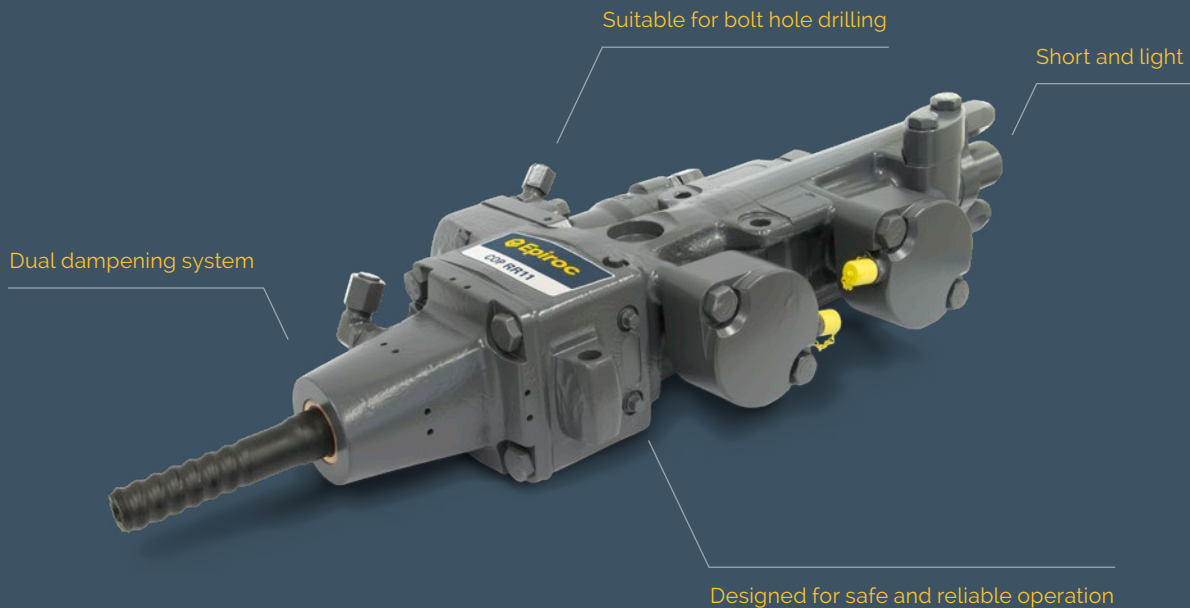
COP RR11

Hydraulic rock drill for bolt hole drilling
Hole range 33 - 51 mm (1.3" - 2")

 **Epiroc**

Efficiency and reliability

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



+ Main benefits

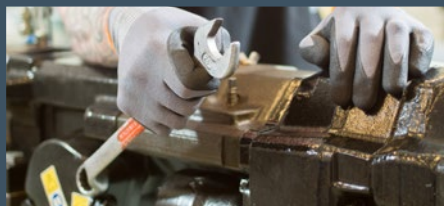
Short length means fewer rod changes and connections for faster drilling and bolting

Optimal rock drill for bolt holes in loose to medium hard rock

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.



The COP RR11 is suitable for situations where a short drill length is desired and hole sizes are 51 mm or less.



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	11 kW (14.75 hp)
Hydraulic pressure, max	210 bar (3,045 psi)
Flow rate, percussion	65 L/min (2.3 cfm)
Impact frequency	100 Hz

Service kits

	Female shank adapter	Male shank adapter
Seal kit	3115 9012 32	3115 9012 22
Seal kit front	3115 9012 31	3115 9012 18
Minor repair kit	3115 9012 33	3115 9012 25
Major repair kit	3115 9012 34	3115 9012 26

Rotation motors

	80 cc (O2)	125 cc (O6)
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

SR28H	425 - 15705,10
R32	403 - 15701,10
R32E	403 - 15704,10
R32F	403 - 15703-F,10

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