



COP SC16

High speed, surface rock drill
Hole range 51 - 89 mm (2" - 3 ½")

 **Epiroc**

Enhanced service life

Developed to provide extended service life, without sacrificing its proven drilling performance. Recommended service interval of 800 percussion hours.



+ Main benefits

Versatility with two different stroke settings to optimize performance even as hole sizes and rock conditions vary

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

Reduced running costs with increased service life



All genuine spare and wear parts are available through strategically located distribution centers worldwide.



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 with shank adapter	184 kg (406 lb)
Length without shank adapter	1 061 mm (3 ft 5.8 inch)
Width without connectors	317 mm (1 ft 0.5 inch)
Height	223 mm (8.8 inch)
Height over drill center	88 mm (3.5 inch)

Rotation

	160 cc (07)	250 cc (09)
Rotation range (continuous)	0 - 215 rpm	0 - 135 rpm
Torque (continuous)	1 070 Nm (789 lbf-ft)	1 550 Nm (1 143 lbf-ft)
Working pressure (continuous)	210 bar (3 046 psi)	200 bar (2 901 psi)
Oil consumption	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)

Impact ratings

Impact power, max	16 kW (21.4 hp)
Hydraulic pressure, max	200 bar (2 900 psi)
Impact frequency	55/73 Hz

Flushing flow and pressure

Flushing water pressure	5 - 25 bar (77.2 - 362.6 psi)
Lubricating air consumption at the drill, max	5.5 L/s @ 3 bar (11.7 cfm @ 43.5 psi)
Flushing air, max	12 bar (174 psi)

Service kits

Seal kit	3115 9170 81
Minor Preventive Maintenance kit, 800 h	3115 9242 51
Major Preventive Maintenance kit, 1600 h	3115 9242 52

Shank adapters

TC35E	469 - 13302.10
T35E	433 - 13302.10
T38E	435 - 13302.10
T45E	436 - 13302.10

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

