



COP SC19-HF, COP SC19X-HF

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 cost 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

	COP SC19-HF	COP SC19X-HF
Weight with shank adapter	190 kg (419 lb)	250 kg (551 lb)
Length without shank adapter	1 061 mm (3 ft 5.8 inch)	1 249 mm (4 ft 1.2 inch)
Width without connectors	310 mm (1 ft 0.2 inch)	317 mm (1 ft 0.5 inch)
Height	223 mm (8.8 inch)	256 mm (10.1 inch)
Height over drill center	88 mm (3.5 inch)	121 mm (4.8 inch)

Rotation

	160 cc	250 cc
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

	Stroke I*	Stroke II*
Impact power, max	19 kW (25.5 hp)	19 kW (25.5 hp)
Hydraulic pressure, max	240 bar (3 481 psi)	210 bar (3 046 psi)
Impact frequency	73 Hz	55 Hz
Flow rate, max	84 L/min (3.0 cfm)	90 L/min (3.2 cfm)

* Factory setting
** Optional setting

Flushing flow and pressure

Flushing water pressure	5 - 25 bar (73 - 363 psi)
Lubricating air consumption at the drill, max	5.5 L/s @ 3 bar (11.7 cfm @ 44 psi)
Flushing air, max	12 bar (174 psi)

Service kits

	COP SC19-HF	COP SC19X-HF
Seal kit	3115 9170 81	3115 9170 81
Minor Preventive Maintenance kit, 800 h	3115 9242 51	3115 9242 53
Major Preventive Maintenance kit, 1600 h	3115 9242 52	3115 9242 52
Extractor seal repair kit	N/A	3115 9153 95
Extractor Preventive Maintenance kit	N/A	3115 9153 98

Shank adapters

	COP SC19-HF	COP SC19X-HF
TC35E	469 - 13302.10	N/A
T35E	433 - 13302.10	N/A
T38E	435 - 13302.10	435 - 13402.10
T45E	436 - 13302.10	436 - 13402.10

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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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