



COP SC19-HE, COP SC19X-HE

High speed, high impact energy, surface construction rock drill
Hole range 76 - 102 mm (3" - 4")

 **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



COP SC19X-HE rock drill comes with a built in powerful hydraulic extractor. Extractor unit upgrade kits are available.



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-HE	COP SC19X-HE
Weight with shank adapter	190 kg (419 lb)	250 kg (551 lb)
Length without shank adapter	1 151 mm (3ft 9.3 inch)	1 339 mm (4ft 4.7 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	200 cc	250 cc	315 cc
Rotation range (continuous)*	0 - 215 rpm	0 - 170 rpm	0 - 135 rpm	0 - 110 rpm
Torque (continuous)*	1 070 Nm (789 lbf-ft)	1 240 Nm (915 lbf-ft)	1 550 Nm (1143 lbf-ft)	1 970 Nm (1453 lbf - ft)
Working pressure (continuous)*	210 bar (3 046 psi)	200 bar (2 901 psi)	200 bar (2901 psi)	200 bar (2 901 psi)
Oil consumption	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)

*At drill string

Impact ratings

	Stroke II*	Stroke III**
Impact power, max	19 kW (25.5 hp)	19 kW (25.5 hp)
Hydraulic pressure, max	230 bar (3 336 psi)	190 bar (2 756 psi)
Impact frequency	48 Hz	42 Hz
Flow rate, max	80 L/min (2.8 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-HE	COP SC19X-HE
Seal kit	3115 9170 82	3115 9170 82
Minor Preventive Maintenance kit, 800 h	3115 9242 61	3115 9242 63
Major Preventive Maintenance kit, 1600 h	3115 9242 62	3115 9242 64
Extractor seal repair kit	N/A	3115 9153 95
Extractor Preventive Maintenance kit	N/A	3115 9153 98

Shank adapters

	COP SC19-HE	COP SC19X-HE
T38E	435 - 13302.10	435 - 13402.10
T45E	436 - 13302.10	436 - 13402.10
T51E	437 - 13302.10	437 - 13402.10

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