

Enhanced service life

Developed to provide extended service life, without sacrificing it's 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



COP SC19X 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 | COP SC19X |
|-----------------------------|------------------------|------------------------|
| Weight with shankadapter | 188 kg (384 lb) | 250 kg (551 lb) |
| Length without shankadapter | 1151 mm (3ft 9.3 inch) | 1339 mm (4ft 4.7 inch) |
| Width without connectors | 313,5mm (1ft 0.3inch) | 313,5mm (1ft 0.3inch) |
| Height | 223 mm (8.8 inch) | 223 mm (8.8 inch) |
| Height over drillcenter | 88 mm (3.5 inch) | 88 mm (3.5 inch) |

Rotation

| | 160 cc (07) | 250 cc (09) | 315 cc (10) |
|--------------------------------|----------------------|-----------------------|-------------------------|
| Rotation range (continuous)* | 0 - 215 rpm | 0 - 135 rpm | 0 - 110 rpm |
| Torque (continuous)* | 1070 Nm (789 lbf-ft) | 1550 Nm (1143 lbf-ft) | 1970 Nm (1453 lbf - ft) |
| Working pressure (continuous)* | 210 bar (3046 psi) | 200 bar (2901 psi) | 200 bar (2901 psi) |
| Oil consumption | 75 l/min (2.6cfm) | 75 l/min (2.6cfm) | 75 l/min (2.6cfm) |

*At drillstring

Impact ratings

| | |
|-------------------------|---------------------|
| Impact power, max | 19 kW (25.5 hp) |
| Hydraulic pressure, max | 230 bar (3 336 psi) |
| Impact frequency | 42 - 50 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 (174psi) |

Service kits

| | COP SC19 | COP SC19X |
|--|--------------|--------------|
| 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 | COP SC19X |
|------|----------------|----------------|
| T38E | 435 - 13302,10 | 435 - 13402,10 |
| T45E | 436 - 13302,10 | 436 - 13402,10 |
| T51E | 437 - 13302,10 | 437 - 13402,10 |