



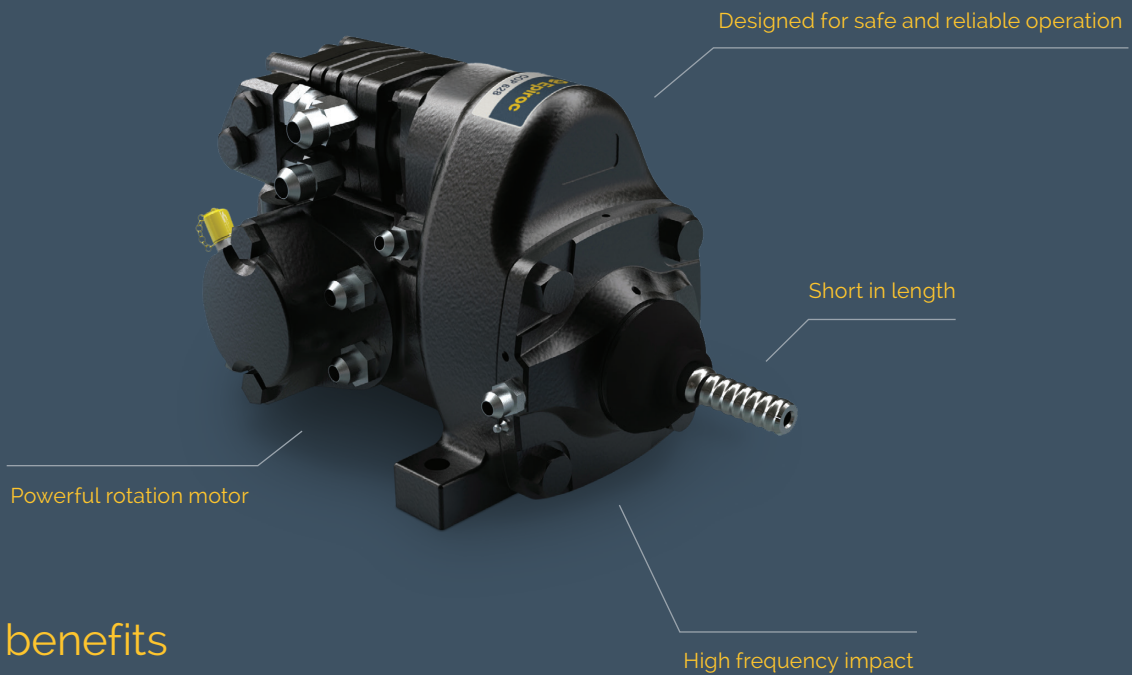
COP 628

Hydraulic rock drill for mechanized bolt hole drilling. Hole size 28 - 35 mm (1" - 1 $\frac{3}{8}$ ").

 **Epiroc**

Short in length and high in speed

COP 628 offers optimized utilization of feed length and fewer rod changes/connections.



+ Main benefits

Allows for fewer rod changes or connections providing faster operations.

Provides high torque for efficient drilling and minimizes risk for jamming.

Increased penetration rate without increasing stresses on the drill steel.



Designed with pressurized and lubricated mating surfaces and side bolts, to ensure optimized protection against both wear and corrosion.



Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and performance.



Overhaul kits are available for maintenance ease, and to ensure optimized rock drill service life.

Technical specifications

Dimensions and weight

| | |
|------------------------------|----------------------|
| Weight | 98 kg (216 lb) |
| Length without shank adapter | 380 mm (1 ft 3 inch) |
| Width including connectors | 296 mm (11.65 inch) |
| Height | 285 mm (11.2 inch) |
| Height over drill center | 185 mm (7.3 inch) |

Impact ratings

| | |
|--------------------------------|---------------------|
| Impact power, max | 6 kW (8 hp) |
| Input power to rock drill, max | 15 kW (20 hp) |
| Hydraulic pressure, max | 220 bar (3,190 psi) |
| Flow rate | 45 L/min (1.6 cfm) |
| Impact frequency | 100 Hz |

Service kits

| | |
|--------------|--------------|
| Seal kit | 3115 5408 90 |
| Overhaul kit | 3115 5539 90 |

Rotation motors

| Type | O5 (100 cc) |
|----------------------------|---------------------|
| Rotation range | 0 - 750 rpm |
| Torque (maximum) | 305 Nm (224 lbf-ft) |
| Working pressure (maximum) | 210 bar (3,046 psi) |
| Oil consumption | 75 L/min (2.6 cfm) |

Flushing flow and pressure

| | |
|--|--------------------------------|
| Flushing water pressure (maximum) | 25 bar |
| Lubricating air consumption a 2 bar (29 psi) | 3 - 4 bar (6 - 85 cfm) |
| Flushing water consumption* | 10 - 50 L/min (0.35 - 1.8 cfm) |

*Flushing water consumption depends strongly on hole diameter, bit type, drill rod size and rock hardness. The figures above are typical values for spherical button bits in granite, 200 MPa (36,250 psi).

Shank adapter

| | |
|------|--------------|
| SR22 | 7490 0036 76 |
| SR28 | 7490 0036 77 |

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