

# Atlas Copco Service

## COP 1132



### High frequency technology

- Hydraulic rock drill for bolt hole drilling
- Hole range 33 – 51 mm (1.3" – 2")

The COP 1132 is a short and light rock drill that is very efficient when drilling in the designated hole range. It is able to achieve it's high power output through well proven high frequency technology. This technology means that the piston strikes the drill steel more often instead of harder, creating a higher penetration rate without increasing the stress on the drill steel resulting in longer drill steel life.

What differentiates the COP 1132 from other rock drills is it's small size (both short and light). The combination of it's size and high frequency makes it an optimal rock drill in loose to medium hard rock.

A powerful, stepless variable and reversible rotation motor gives high torque for efficient drilling, and minimizes the risk for jamming.

The COP 1132 has an efficient hydraulic dual dampening system and when utilized in conjunction with a floating adaptor absorbs and dissipates the shockwaves from the rock. This system also establishes the best possible contact between the drill bit and the rock allowing for it to be possible to transmit maximum power for crushing, while keeping the drill string threads tightly secured.

## Reliability



The separate lubrication of front head and driver together with pressurized and lubricated mating surfaces and sidebolts ensures the best protection against wear and corrosion. The COP 1132 can also be left or right hand mounted without moving the hose connections.

## Dimensions and weight

Weight	75 kg (165 lb)
Length without shank adapter	735 mm (2 ft 4.9 inch)
Width including connectors	291 mm (11.5 inch)
Height	154 mm (6 inch)
Height over drill center	77 mm (3 inch)

## Shank adapters

R28	407-15701,10
R28E	407-15704,10
SR28	425-15701,10
SR28E	425-15704,10
R32	403-15701,10
R32E	403-15704,10
R32F	403-15703-F,10

## Service kits

	FEMALE SHANK ADAPTER	MALE SHANK ADAPTER
Seal set kit	3115 9163 90	3115 9162 90
Minor preventative maintenance kit	3115 9163 92	3115 9162 92
Major preventative maintenance kit	3115 9163 91	3115 9162 91

## Impact ratings

Impact power, max	11 kW (14.75 hp)
Input power to rock drill, max	20 kW (26.8 hp)
Hydraulic pressure, max	210 bar (3,045 psi)
Flow rate	65 l/min (2.3 cfm)
Impact frequency	100 Hz

## Flushing flow and pressure

Flushing water pressure, max	25 bar (362.6 psi)
Lubricating air consumption at 2 bar (29 psi)	3 - 4 l/s (6.3 - 8.5 cfm)
Flushing water consumption*	25 - 100 l/min (0.9 - 3.5 cfm)

\* Flushing water consumption depends strongly on hole diameter, bit type, drill rod size and rock hardness.

## Rotation motors

Type	02 (80 cc)	06 (125 cc)
Rotation range	0 - 500 rpm	0 - 320 rpm
Torque, max	330 Nm (243 lbf-ft)	550 Nm (405 lbf-ft)
Working pressure, max	225 bar (3,263 psi)	225 bar (3,263 psi)
Oil consumption, max	60 l/min (2.1 cfm)	60 l/min (2.1 cfm)

9851 3286 01 - 05/2013 © Copyright 2013, Atlas Copco Rock Drills AB, Örebro, Sweden. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers and drawings. Illustrations and photos in this brochure may show equipment with optional extras. Specifications and equipment subjects to change without notice. Consult your Atlas Copco Customer Center for specific information.