

# Straight forward reliability

Rock drill for underground drifting applications, developed for straight forward and reliable operation.



Robust and sturdy machine through well known material and housing design

Easy access to bolts and fittings

Internal supplied with 1 ½ stage damper

## DRIFTER RD22U

### + Main benefits

**Durability:** Robust with a straight forward design; delivering the consistent performance associated with Epiroc's rock drills

**Easy to operate:** Less complex with fewer parts and settings

**Intuitive service:** Intuitive to maintain and overhaul, requiring no custom designed tools



Installation instructions and retrofit support are available upon request.



Repair kit consisting of parts to be replaced during overhaul is available with quick delivery.



All spare parts and wear parts are available, with critical parts always in stock.

# Technical specifications

## Dimensions and weight

Weight	180 kg (396 lb)
Length (without shank adapter)	1008 mm (3 ft 6.6 inch)
Height	235 mm (9.25 inch)
Width	272 mm (10.7 inch)

## Impact ratings

Impact power, max	22 kW (29.5 hp)
Input power to rock drill, max	37 kW (49.6 hp)
Impact frequency	53 Hz
Drill pressure	220 bar (3190 psi)
Drill oil flow	105 l/min (3.71 cfm)

## Drilling parameters

Rod size	T45, (T38)
Hole range	64 - 102 mm (2 ½ - 4 inch)
Optimum hole dimension	76 mm (3 inch)

## Hose sizes

Percussion hose	3/4 inch
Drain hose	3/8 inch
Rotation hoses	3/4 inch
Flushing hose	1 inch
Lubrication hose	3/8 inch
Percussion return hose	1 inch

## Flushing flow and pressure

Flushing water pressure, max	25 bar (362.6 psi)
Lubricating air consumption	7 l/s at 3 bar (14.8 cfm at 43.5 psi)
Flushing water consumption*	40 - 120 l/min (1.4 - 4.3 cfm)

\* Flushing water consumption depends strongly upon 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).

## Rotation ratings

Motor size	(07) 160 cc
Rotation torque, max*	1050 Nm (958 lbf-ft)
Rotation speed*	0 - 215 rpm
Rotation pressure, max	210 bar (2,030 psi)
Oil consumption, max	75 l/min (2.6 cfm)

\*at drill string

## Accumulator charge pressure

Intake (two accumulators)	90 bar (1305 psi)
Return	Atm.

## Shank adapter

T45E (extension drilling)	TBA
T38E (extension drilling)	TBA

## Outline dimensions

