

STRAIGHT FORWARD RELIABILITY

THE FIRST OF A NEW LINE OF ROCK DRILLS DESIGNED FOR
STRAIGHT FORWARD AND RELIABLE OPERATION.



Two main bodies with few numbers of moving parts

Easy access to bolts and fittings

Internal supplied single dampener

DRIFTER RD14S

Designed for safe and reliable operation

MAIN BENEFITS

Durability: Robust with a straight forward design; delivering the consistent performance associated with Atlas Copco'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.

DIMENSIONS AND WEIGHT

Weight	227 kg (500 lb)
Length	1180 mm (3 ft 10.5 inch)
Height	297 mm (11.7 inch)
Width	286 mm (11.2 inch)

FLUSHING FLOW AND PRESSURE

Flushing air or water mist, max	12 bar (174 psi)
Lubricating air consumption	6 l/s at 3 bar (12.7 cfm at 44 psi)

IMPACT RATINGS

Impact power, max	14 kW (18.7 hp)
Input power to rock drill, max	25 kW (33.5 hp)
Impact frequency	45 Hz
Drill pressure	145 bar (2103 psi)
Drill oil flow	105 l/min (3.7 cfm)

ROTATION RATINGS

	(07) 160 cc	(08) 200 cc
Rotation torque, max*	1050 Nm (958 lbf-ft)	1217 Nm (898 lbf-ft)
Rotation speed*	0 - 220 rpm	0 - 174 rpm
Rotation pressure	140 bar (2,030 psi)	140 bar (2,030 psi)
Oil consumption, max	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)

* at drill string

DRILLING PARAMETERS

Rod size	T45, T38
Hole range	64 - 102 mm (2 1/2 - 4 inch)
Optimum hole dimension	76 mm (3 inch)

ACCUMULATOR CHARGE PRESSURE

Intake	60 bar (870 psi)
Return	2 bar (29 psi)

HOSE SIZES

Percussion hose	1 inch
Drain hose	1/2 inch
Rotation hoses	1/2 inch
Flushing hose	1 inch
Lubrication hose	3/8 inch
Percussion return hose	1 inch
Lubrication return hose	1/2 inch

SHANK ADAPTER

T38	90029088/435-11904,10
T45	90029087/436-11904,10

OUTLINE DIMENSIONS

