

ENHANCED SERVICE LIFE

DEVELOPED TO PROVIDE EXTENDED SERVICE LIFE, WITH NO
SACRIFICE TO IT'S PROVEN DRILLING PERFORMANCE.



Powerful rotation motor

Dual dampening system

DRIFTER COP1838HD+

Specially created for face drilling

+ MAIN BENEFITS

High torque output for efficient drilling
minimizing the risk of jamming

Reliability with optimized rock contact, while
simultaneously protecting the rock drill from
harmfull energy recoils

Sustainability by ensuring cuttings are
removed efficiently to promote better bit life



The heavy-duty front head design makes
this rock drill optimal for face drilling.



Service tools are available to facilitate
precise and correct machine maintenance
ensuring equipment safety and perform-
ance.



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

DIMENSIONS AND WEIGHT

Weight	175 kg (386 lb)
Length without shank adapter	1008 mm (3 ft 3.6 inch)
Width including connectors	251 mm (9.9 inch)
Height	223 mm (8.8 inch)
Height over drill center	88 mm (3.5 inch)

IMPACT RATINGS

Impact power (maximum)	18 kW (24 hp)
Input power to rock drill (maximum)	31 kW (41.6 hp)
Hydraulic pressure (maximum)	230 bar (3336 psi)
Flow rate	75 - 92 l/min (2.6 - 3.2 cfm)
Impact frequency	60 Hz

ROTATION MOTORS

Type	05 (100 cc)	06 (125 cc)	07 (160 cc)
Rotation range	0 - 340 rpm	0 - 275 rpm	0 - 215 rpm
Torque (maximum)	640 Nm (472 lbf-ft)	820 Nm (605 lbf-ft)	1000 Nm (737 lbf-ft)
Working pressure (maximum)	210 bar (3046 psi)	210 bar (3046 psi)	210 bar (3046 psi)
Oil consumption	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)

FLUSHING FLOW AND PRESSURE

Flushing water pressure (maximum)	25 bar (362.6 psi)
Lubricating air consumption at 2 bar (29 psi)	5 l/s (10.6 cfm)
Flushing water consumption*	55 - 120 l/min (2 - 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)

SERVICE KITS

Seal kit	3115 9170 91
Minor preventive maintenance kit	3115 9238 93
Major preventive maintenance kit	3115 9238 94

SHANK ADAPTERS

	Drifting	Extension drilling
R32	403 - 09101,10	403 - 09103,10
R38	404 - 09101,10	404 - 09103,10
T38	435 - 09101,10	435 - 09103,10
Magnum SR38	427 - 09101,10	427 - 09103,10