

ENHANCED SERVICE LIFE

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



Closed loop ECL
(electrical control lubrication)

Three different stroke settings

Dual dampening system

DRIFTER COP1840EX+

Designed for safe and reliable operation

MAIN BENEFITS

Versatility to ensure optimal performance even as hole size and rock conditions vary

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

Cleaner operations for reduced wear on boom and feed components



The EX version comes with a built in powerful hydraulic extractor. Extractor unit upgrade kits are available.



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



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

DIMENSIONS AND WEIGHT

	COP 1840+	COP 1840EX+
Weight with shank adapter	174 kg (384 lb)	226 kg (498 lb)
Length without shank adapter	1098 mm (3 ft 7.3 inch)	1336 mm (4 ft 4.6 inch)
Width without connectors	316 mm (1 ft 0.4 inch)	316 mm (1 ft 0.4 inch)
Height	223 mm (8.8 inch)	223 mm (8.8 inch)
Height over drill center	88 mm (3.5 inch)	88 mm (3.5 inch)

ROTATION

	07 (160 cc)	08 (200 cc)	09 (250 cc)	10 (315 cc)
Rotation range (continuous)*	0 - 215 rpm	0 - 170 rpm	0 - 135 rpm	0 - 110 rpm
Torque (continuous)*	1070 Nm (789 lbf-ft)	1240 Nm (914 lbf-ft)	1550 Nm (1143 lbf-ft)	1970 Nm (1453 lbf - ft)
Working pressure (continuous)*	210 bar (3046 psi)	200 bar (2901 psi)	200 bar (2901 psi)	200 bar (2901 psi)
Oil consumption	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)

* At drill string

IMPACT RATINGS

Impact power, max	19 kW (25.5 hp)
Hydraulic pressure, max	230 bar (3336 psi)
Impact frequency	42 - 50 Hz

FLUSHING FLOW AND PRESSURE

Flushing water pressure	5 - 25 bar (77.2 - 362.6 psi)
Lubricating air consumption at the drill, max	3 bar (43.5 psi)
Flushing air, max	12 bar (174 psi)

SERVICE KITS

	COP 1840+	COP 1840EX+
Seal kit	3115 9170 97	3115 9170 97
Minor Preventive Maintenance kit	3115 9242 96	3115 9242 98
Major Preventive Maintenance kit	3115 9242 97	3115 9242 99
Extractor seal repair kit	N/A	3115 9153 95
Extractor Preventive Maintenance kit	N/A	3115 9153 98

SHANK ADAPTER

	COP 1840+	COP 1840EX+
T38E	435 - 13302,10	435 - 13402,10
T45E	436 - 13302,10	436 - 13402,10
T51E	437 - 13302,10	437 - 13402,10

SERVICE TOOLS

Description	Part Number
Pivot plate	3115 0329 80
Press tool	3115 1902 80
Extension	3115 0318 00
Mandrel	3115 1019 00
Press tool	3115 1113 00
Press tool	3115 1903 00
Mandrel	3115 0312 00
Mandrel	3115 0313 00
Mandrel	3315 0314 00
Fitting and removal tool	3115 1877 00
Key set (24 mm)	3115 0343 00
Key set (32 mm)	3115 0344 00
Fitting and removal tool	3115 2859 80
Assembly tool (M12)	0462 7010 34
Assembly tool (M14)	3115 1627 00
Fitting tool (M16)	3115 1126 00
Assembly tool (M20)	3115 1628 00
Puller + accessories	3091 0455 90
Washer	3115 0284 00
Ring spanner	3115 2263 00
Fixture	3115 1897 00
Plate	3115 1896 00
Plate	3115 1594 00
Mandrel	3115 1899 00
Mandrel	3115 2163 00
Tensioning tool	3115 2519 00
Circlip 100 mm	0335 2169 00
Circlip 120 mm	0335 2176 00
Nut (M20x2)	3115 2265 00
Press tool	3115 2409 00
Press tool	3315 2410 00
Press tool	3115 2412 00
Press tool	3115 2422 00
Press tool	3115 2411 00
Guide ring	3115 2423 00
Guide ring	3115 2471 00
Plug	0686 4249 00
Spacer pipe	3115 2739 00
Press tool	3115 2737 00
Assembly tool	3115 3373 10
Assembly tool	3115 3374 20
Disassembly tool	3115 3834 00