

ENHANCED SERVICE LIFE

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



Closed loop ECL
(electrical control lubrication)

Two different stroke settings

Dual dampening system

DRIFTER COP1640+

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 perfecting 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 perfor-
mance



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

DIMENSIONS AND WEIGHT

	COP 1640+	COP 1640EX+
Weight with shank adapter	193 kg (425.5 lb)	247 kg (544.5 lb)
Length without shank adapter	1048 mm (3 ft 5.3 inch)	1245 mm (4 ft 1 inch)
Width without connectors	317 mm (1 ft 0.5 inch)	257 mm (10.1 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

	05 (100 cc)	06 (125 cc)	07 (160 cc)	08 (200 cc)	09 (250 cc)
Rotation range (continuous)*	0 - 340 rpm	0 - 270 rpm	0 - 215 rpm	0 - 170 rpm	0 - 135 rpm
Torque (continuous)*	670 Nm (494 lbf-ft)	820 Nm (605 lbf-ft)	1070 Nm (789 lbf-ft)	1240 Nm (914 lbf-ft)	1550 Nm (1143 lbf-ft)
Working pressure (continuous)*	210 bar (3046 psi)	210 bar (3046 psi)	210 bar (3046 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)	75 l/min (2.6 cfm)

IMPACT RATINGS

Impact power, max	16 kW (21.4 hp)
Hydraulic pressure, max	200 bar (2900 psi)
Impact frequency	55/73 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 1640+	COP 1640EX+
Seal kit	3115 9170 92	3115 9170 92
Minor Preventive Maintenance kit	3115 9242 92	3115 9242 94
Major Preventive Maintenance kit	3115 9242 93	3115 9242 95
Extractor seal repair kit	N/A	3115 9153 95
Extractor Preventive Maintenance kit	N/A	3115 9153 98

SHANK ADAPTER

	COP 1640+	COP 1640EX+
R32E	403 - 13302,10	N/A
TC35E	469 - 13302,10	N/A
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
Assembly 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