



Diesel Engine 4R 1000

for C & I and Mining Applications
with EPA Tier 4 and EU Stage IV
Certification

General

Bore mm (in)	110 (4.3)
Stroke mm (in)	135 (5.3)
Displacement l cu (in)	5.1 (311)
Cylinder configuration	4 inline
Fuel specification	DIN EN 590, ASTM D975 (DF1, DF2)

Engine Dimensions *

Length x width x height mm (in) 818 x 755 x 1033 (32.2 x 29.7 x 40.7)

Dry weight kg (lbs) 510 (1124) *

* All dimensions are approximate, for complete information refer to the installation drawing

Engine Type

4R1000 C20

Rated power	100 kW	134 bhp	2200 rpm
Peak Torque	600 Nm	443 lb-ft	1200-1500 rpm
Fuel consumption at rated power	206 g/kWh		
Fuel consumption at peak torque	189 g/kWh		

Engine Type

4R1000 C30

Rated power	129 kW	173 bhp	2200 rpm
Peak Torque	750 Nm	553 lb-ft	1200-1600 rpm
Fuel consumption at rated power	205 g/kWh		
Fuel consumption at peak torque	189 g/kWh		

Engine Type

4R1000 C40

Rated power	150 kW	201 bhp	2200 rpm
Peak Torque	800 Nm	590 lb-ft	1200-1600 rpm
Fuel consumption at rated power	194 g/kWh		
Fuel consumption at peak torque	184 g/kWh		

Engine Type	4R1000 C50		
Rated power	170 Kw	228 bhp	2200 rpm
Peak Torque	900 Nm	664 lb-ft	1200-1600 rpm
Fuel consumption at rated power	193 g/kWh		
Fuel consumption at peak torque	185 g/kWh		

Ratings according to ECE R 120
Emissions: EPA 40 CFR 89 / Tier 4 final
EU 97/68/EC/Stage IV

Website: www.scdc-diesel.com