



Diesel Engine 6R 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)	7.7 (470)
Cylinder configuration	6 inline
Fuel specification	DIN EN 590, ASTM D975 (DF1, DF2)

Engine Dimensions *

Length x width x height mm (in)	1059 x 821 x 1033 (41.7 x 32.3 x 40.7)
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Dry weight kg (lbs)	669 (1475) *
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* All dimensions are approximate, for complete information refer to the installation drawing

Engine Type

6R 1000 C20

Rated power	180 kW	241 bhp	2200 rpm
Peak Torque	1000 Nm	738 lb-ft	1200-1600 rpm
Fuel consumption at rated power	203 g/kWh		
Fuel consumption at peak torque	187 g/kWh		

Engine Type

6R 1000 C30

Rated power	210 kW	281 bhp	2200 rpm
Peak Torque	1150 Nm	848 lb-ft	1200-1600 rpm
Fuel consumption at rated power	203 g/kWh		
Fuel consumption at peak torque	186 g/kWh		

Engine Type

6R 1000 C40

Rated power	230 kW	308 bhp	2200 rpm
Peak Torque	1250 Nm	922 bhp	1200-1600 rpm
Fuel consumption at rated power	205 g/kWh		
Fuel consumption at peak torque	189 g/kWh		

Engine Type	6R 1000 C50		
Rated power	260 kW	348 bhp	2200 rpm
Peak Torque	1400 Nm	1033 lb-ft	1200-1600 rpm
Fuel consumption at rated power	205 g/kWh		
Fuel consumption at peak torque	190 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