



Diesel Engine 6R 1300

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

General

Bore mm (in)	132 (5.2)
Stroke mm (in)	156 (6.1)
Displacement l cu (in)	12.8 (781)
Cylinder configuration	6 inline
Fuel specification	DIN EN 590, ASTM D975 (DF1, DF2)

Engine Dimensions *

Length x width x height mm (in) 1375x980x1260 (54.1x38.6x49.6)

Dry weight kg (lbs) 1083 (2388)

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

Engine Type

6R 1300 C20

Rated power	320 kW	429 bhp	1700 rpm
Peak Torque	2100 Nm	1549 lb-ft	1300 rpm
Fuel consumption at rated power	192 g/kWh		
Fuel consumption at peak torque	187 g/kWh		

Engine Type

6R 1300 C30

Rated power	340 kW	456 bhp	1700 rpm
Peak Torque	2200 Nm	1623 lb-ft	1300 rpm
Fuel consumption at rated power	193 g/kWh		
Fuel consumption at peak torque	187 g/kWh		

Engine Type

6R 1300 C40

Rated power	360 kW	482 bhp	1700 rpm
Peak Torque	2300 Nm	1696 lb-ft	1300 rpm
Fuel consumption at rated power	194 g/kWh		
Fuel consumption at peak torque	187 g/kWh		

Engine Type	6R 1300 C50		
Rated power	380 kW	509 bhp	1700 rpm
Peak Torque	2350 Nm	1755 lb-ft	1300 rpm
Fuel consumption at rated power	196 g/kWh		
Fuel consumption at peak torque	187 g/kWh		

Engine Type	6R 1300 C60		
Rated power	390 kW	523 bhp	1700 rpm
Peak Torque	2450 Nm	1807 lb-ft	1300 rpm
Fuel consumption at rated power	197 g/kWh		
Fuel consumption at peak torque	187 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