



## Diesel Engine 6R 1100

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

### General

Bore mm (in)	125 (4.9)
Stroke mm (in)	145 (5.7)
Displacement l cu (in)	10.7 (652)
Cylinder configuration	6 inline
Fuel specification	DIN EN 590, ASTM D975 (DF1, DF2)

### Engine Dimensions \*

Length x width x height mm (in)	1325 x 955 x 1230 (52.7 x 37.6 x 48.4)
---------------------------------	--

Dry weight kg (lbs)	950 (2094) *
---------------------	--------------

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

### Engine Type

#### 6R 1100 C30

Rated power	280 kW	375 bhp	1700 rpm
Peak Torque	1900 Nm	1401 lb-ft	1300 rpm
Fuel consumption at rated power	195 g/kWh		
Fuel consumption at peak torque	187 g/kWh		

### Engine Type

#### 6R 1100 C40

Rated power	300 kW	402 bhp	1700 rpm
Peak Torque	2000 Nm	1475 lb-ft	1300 rpm
Fuel consumption at rated power	196 g/kWh		
Fuel consumption at peak torque	188 g/kWh		

### Engine Type

#### 6R 1100 C50

Rated power	320 kW	429 bhp	1700 rpm
Peak Torque	2100 Nm	1549 lb-ft	1300 rpm
Fuel consumption at rated power	197 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](http://www.scdc-diesel.com)**