



## 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		

<b>Engine Type</b>	<b>6R 1000 C50</b>		
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.pps-bv.nl](http://www.pps-bv.nl)**