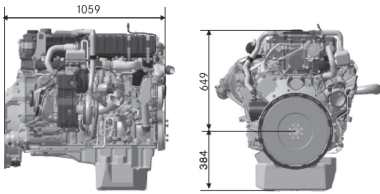


# Diesel Engine 6R 1000

for Oil and Gas Applications

with EPA Tier 4 and EU Stage IV Certification



## Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
<b>6R 1000 C</b>	1059x821x1033 (41.7 x 32.3 x 40.7)	705 (1555) <sup>1)</sup>

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

<sup>1)</sup> DIN 70020

Engine Model		
Bore/stroke	mm (in)	110/135 (4.3/5.3)
Cylinder configuration		6 inline
Displacement, total	l (cu in)	7.7 (470)
Fuel specification		DIN EN 590, ASTM D975 (DF1, DF2)

Engine Type	Rated Power			Peak Torque			Fuel Consumption at rated power	Fuel Consumption at peak torque	
	Model	kW	bhp	rpm	Nm	lb-ft	rpm	g/kWh	g/kWh
	<b>6R 1000 C 20</b>	<b>180</b>	<b>241</b>	2200	1000	738	1200-1600	214	190
	<b>6R 1000 C 30</b>	<b>210</b>	<b>282</b>	2200	1150	848	1200-1600	212	189
	<b>6R 1000 C 40</b>	<b>230</b>	<b>308</b>	2200	1250	922	1200-1600	212	191
	<b>6R 1000 C 50</b>	<b>260</b>	<b>348</b>	2200	1400	1033	1200-1600	210	194

Ratings acc. to ECE R 120

Emissions: EPA 40 CFR 89 / Tier 4 final  
EU 97/68/EC / Stage IV



Power. Passion. Partnership.

## Standard Equipment

24 Volt starter

28 Volt alternator, 100 A

Common rail injection system

Electronic engine management

Electronic interface module

Turbo charging air to air cooling

High pressure EGR system

One-box aftertreatment system with SCR incl. muffler

Close crankcase ventilation

SAE 1 flywheel housing

### Reference conditions:

> Intake temperature: 25°C (77°F)

> Charge air temperature: 40°C

> Altitude: 200 m (656 ft)

> Air intake restriction: 25 mbar

Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.

## Optional Equipment

Exhaust brake system

SAE 2/3 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan