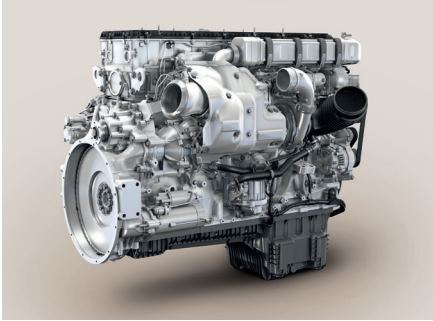


Industrial

Diesel Engine 6R 1500/OM 473

for C&I, Mining, Agriculture and Forestry Applications
with EU Stage V Certification



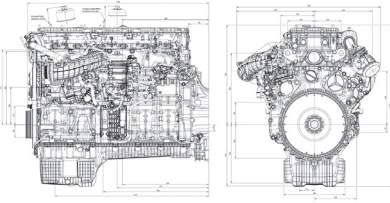
Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
6R 1500 C01	1442 x 1099 x 1237 (56.7 x 43.2 x 48.7)	1230 (2711.7) ¹⁾

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

¹⁾ DIN 70020

Engine Model		
Bore/stroke	mm (in)	139/171 (5.5/6.7)
Cylinder configuration		6 inline
Displacement, total	l (cu in)	15.6 (781)
Fuel specification		DIN EN 590 Stand 2010ff



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
6R 1500 C21	380	510	1600	2600	1918	1300	192	186
6R 1500 C31	400	536	1600	2700	1991	1300	192	186
6R 1500 C51	430	577	1600	2850	2102	1300	193	187
6R 1500 C61	460	617	1600	3000	2213	1300	195	189
6R 1500 C71	480	644	1600	3100	2286	1300	197	190

Ratings acc. to ECE R 120

Emissions: EU Nonroad Stage V (2016/1628)

manufactured by



customized by



Standard Equipment

24 Volt Starter/Generator

Common rail injection system

Electronic engine management

Electronic interface module

Turbo charging, turbo compound, air to air cooling

High pressure EGR system

One-box aftertreatment system with SCR/DPF incl. muffler

Closed crankcase ventilation

SAE 1 flywheel housing

Exhaust brake system

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

12 Volt Starter/Generator

SAE 1/3 flywheel housing

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan

Open crankcase ventilation
