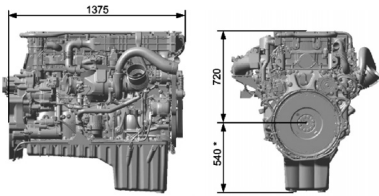
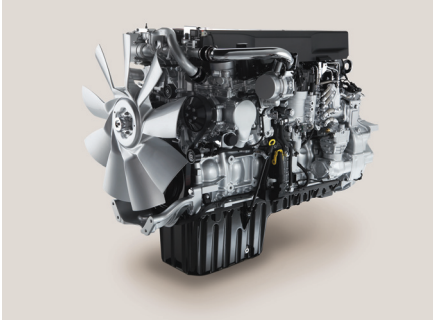


Industrial

Diesel Engine 6R 1300

for C&I Applications

with EPA Tier 4 and EU Stage IV Certification



Dimensions and Masses

| Engine | Dimensions (LxWxH) mm (in) | Mass, dry kg (lbs) |
|-----------|--------------------------------|--------------------|
| 6R 1300 C | 1375x980x1260 (54.1x38.6x49.6) | 1140 (2513) |

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

| Engine Model | | |
|------------------------|-----------|----------------------------------|
| Bore/stroke | mm (in) | 132/156 (5.2/6.1) |
| Cylinder configuration | | 6 inline |
| Displacement, total | l (cu in) | 12.8 (781) |
| 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 |
| 6R 1300 C30 | 340 | 456 | 1700 | 2200 | 1623 | 1300 | 198 | 190 |
| 6R 1300 C40 | 360 | 482 | 1700 | 2300 | 1696 | 1300 | 198 | 190 |
| 6R 1300 C50 | 380 | 509 | 1700 | 2300 | 1696 | 1300 | 198 | 190 |

Ratings acc. to ECE R 120

1) Emissions: EPA: US Nonroad Regulation 40 CFR 89 Tier 4
EU: EU Directive 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 and DPF* incl. muffler

Close crankcase ventilation

SAE 1 flywheel housing

* Development without DPF in progress

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

Aux REPTO

Air compressor

AC compressor

Flex engine mounts

Elevated fan drive

Cooling fan