

# CAT® C7.1 HIGH POWER

UN ECE R96 STAGE IIIA/BRAZIL-MAR-1

186-225 kW/249-302 hp

INDUSTRIAL ENGINE



The C7.1 high power engine is a common rail direct injection engine which meets UN ECE R96 Stage IIIA/Brazil MAR-1 emission standards. The engine has series turbocharging with smart wastegate control to provide high power, increased torque and fast response on all ratings.



## FEATURES AND BENEFITS

### Reliable, Quiet, and Durable Power

World-class manufacturing capability and processes coupled with proven core engine designs assure reliability, quiet operation, and many hours of productive life.

### Package Size

Exceptional power density enables standardization across numerous applications. Multiple installation options minimize total package size. Ideal for equipment with narrow engine compartments.

### Low-Cost Maintenance

Worldwide service delivers ease of maintenance and simplifies the servicing routine. Hydraulic tappets, multi-vee belts, and 500-hour oil change intervals enable low-cost maintenance. Many service items have a choice of location on either side of the engine to enable choice of service access. The S•O•S<sup>SM</sup> program is available from your Cat® dealer to determine oil change intervals and provide optimal performance.

## SPECIFICATION

Cylinders	6
Displacement litres (in3)	7 (427.7)
Aspiration	Series turbocharged aftercooled
Bore and stroke mm (in)	105 x 135 (4.1 x 5.3)
Maximum power kW (hp)	225 (302)
Rated speed (rpm)	2200
Maximum torque Nm (lb ft) @ rpm	1274 (940) @ 1400
Combustion system	Direct injection
Weight kg (lb)	715 (1576)
Rotation (viewed from flywheel)	Anti-clockwise

For additional information on all your power requirements, visit [www.cat-industrial.com](http://www.cat-industrial.com)

All information in this document is substantially correct at time of printing and may be altered subsequently.  
Photographs are for illustrative purposes only and may not reflect final specification.  
Final weight and dimensions will depend on completed specification.  
Information subject to selected configuration, and subject to change without notice.  
Performance measured per ISO 14396:2002

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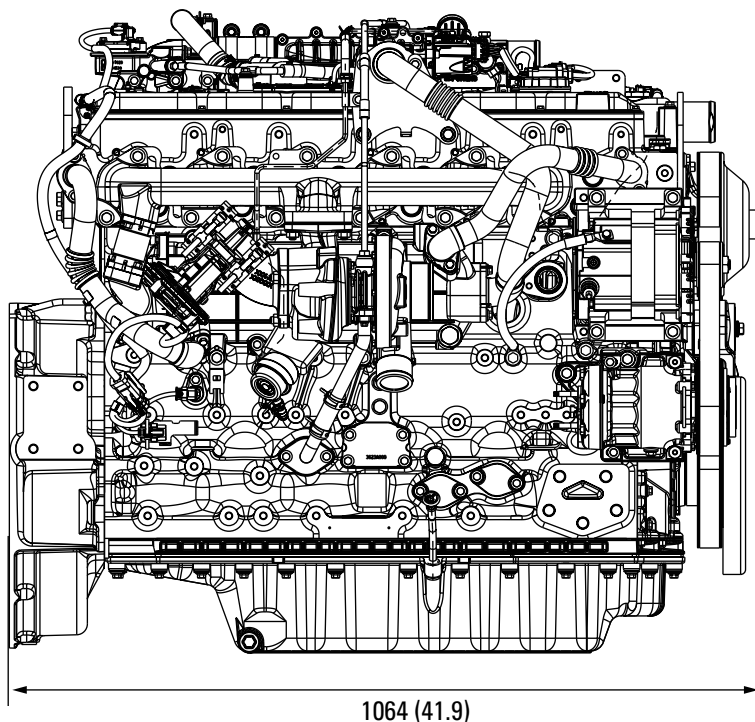
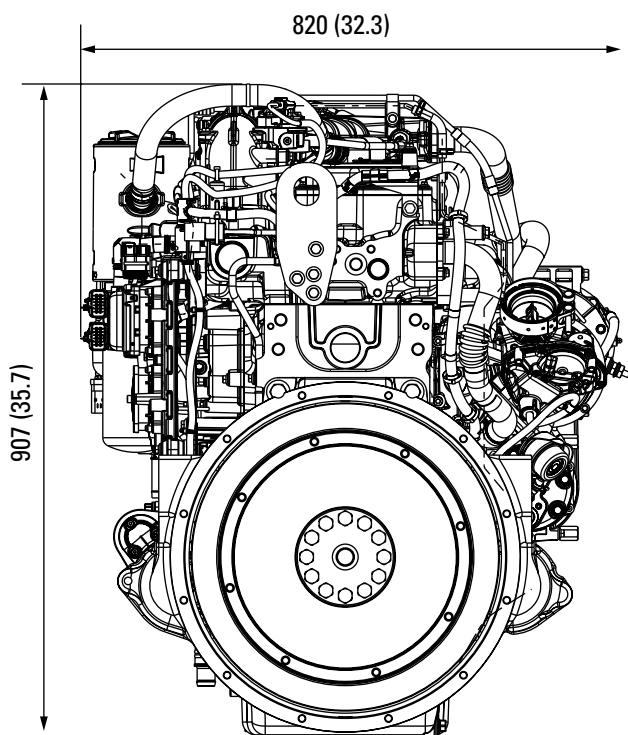
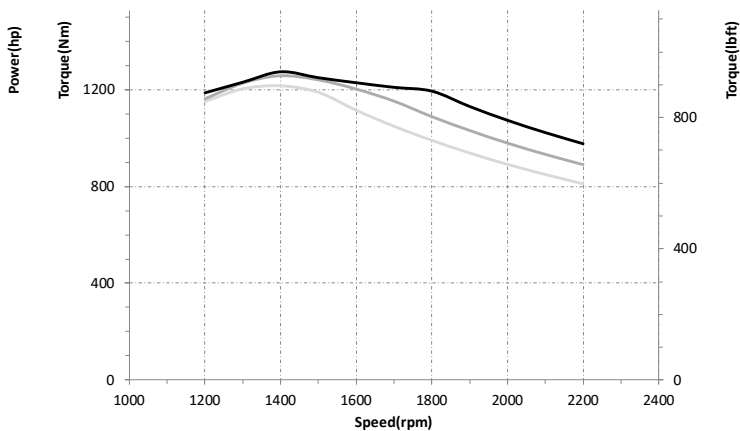
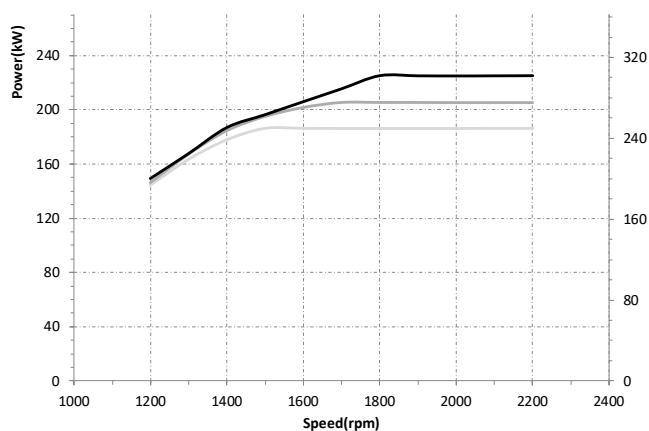
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