

CAT® C9.3B

U.S. EPA TIER 4 FINAL/EU STAGE V/CHINA NONROAD STAGE IV/
JAPAN 2014/KOREA STAGE V
250-340 KW (335-456 HP)

INDUSTRIAL ENGINE



The Cat® C9.3B industrial diesel engine is offered in ratings ranging from 250-340 kW (335-456 hp) @ 1800-2200 rpm. These ratings meet U.S. EPA Tier 4 Final, EU Stage V, China Nonroad (NR) Stage IV, Japan 2014, and Korea Stage V emission standards.



FEATURES AND BENEFITS

High Power Density

With power density as high as 49 hp/L (37 kW/L), you can look to downsize the displacement and weight of the engine that's currently powering your application.

Fuel Efficient and Low-Cost Maintenance

Fluid consumption optimized to match operating cycles of a wide range of equipment and applications while maintaining low operating costs. Worldwide service delivers ease of maintenance and simplifies the servicing routine. If applicable, minimum 5000 hour diesel particulate filter (DPF) ash service interval enables low-cost maintenance.

Enhanced Electronics

The C9.3B is equipped for the future with the latest technology from a single on-engine ECM. 2-wire ethernet connection allows for simpler, faster installation, and for remote service and software flash.

SPECIFICATION

Cylinders	6 vertical in-line	
Displacement, litres (in ³)	9.3 (567.5)	
Aspiration	Turbocharged aftercooled	
Bore and stroke, mm (in)	115 x 149 (4.5 x 5.9)	
Maximum power, kW (hp)	310 (416)	340 (456)
Rated speed, rpm*	1800-2200	1800-2000
Maximum torque, Nm (lb ft) @ rpm	1904 (1404) @ 1400	2088 (1540) @ 1400
Combustion system	Direct injection (common rail)	
Weight, kg (lb)	865 (1907)	
Rotation (viewed from flywheel)	Anti-clockwise	

*For China Nonroad Stage IV engines, a customer configurable rated speed is no longer offered due to regulation requirements. China NR IV requires new and in-use machine conformity checks. Please contact your A&I engineer for further details.

For additional information on all your power requirements, visit www.cat.com/industrial

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.
Engine power measured per ISO 14396:2002

AEXJ0146-01 (06-23)

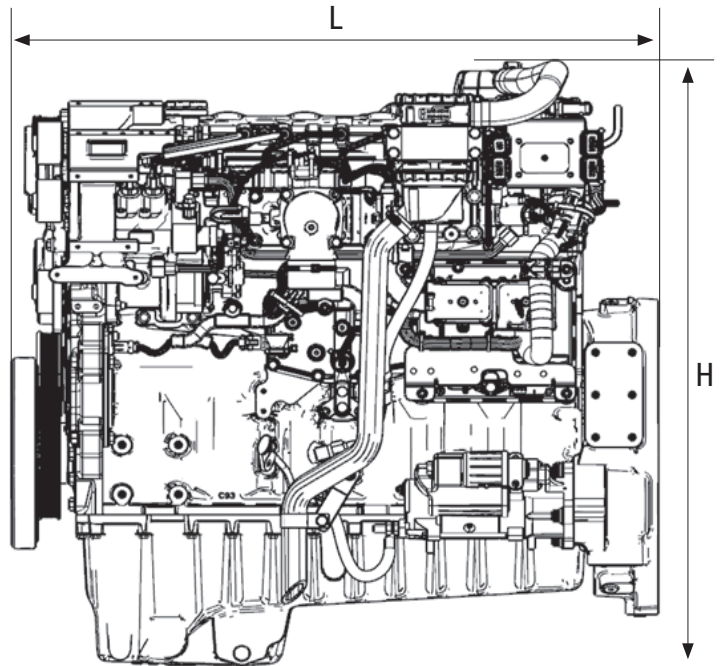
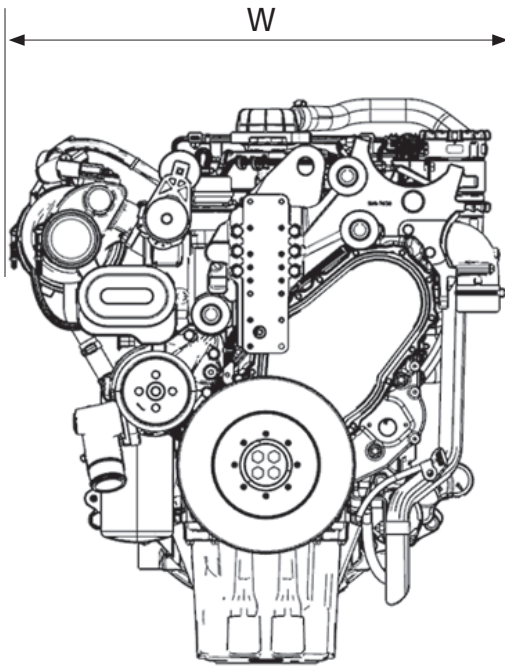
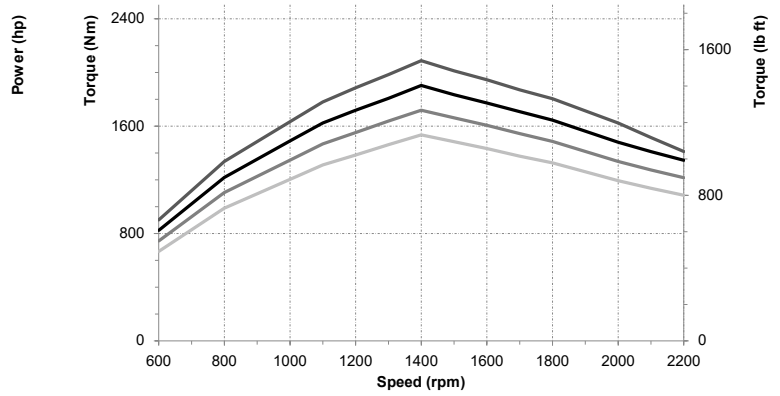
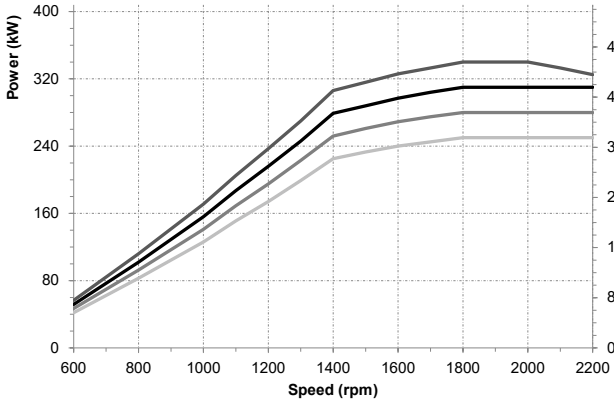
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DIMENSIONS AND WEIGHTS (BASE ENGINE)

Length, mm (in)	1125 (44)
Width, mm (in)	791 (31)
Height, mm (in)	1068 (42)
Weight, kg (lb)	865 (1907)

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