

CAT® C32B

U.S. EPA TIER 4 FINAL/EU STAGE V

895 KW (1200 HP)



INDUSTRIAL ENGINE

Building on the legacy of the C32, the C32B features strengthened performance critical components like cylinder head, block, crankshaft, pistons, rods, and main bearings. Its simple, maintenance free diesel oxidation catalyst (DOC) aftertreatment meets U.S. EPA Tier 4 Final, EU Stage V, and other equivalent emissions standards.



FEATURES AND BENEFITS

High Power Density

C32B engines have excellent power density with a peak U.S. EPA Tier 4 Final certified rating of 895 kW (1200 hp) and 839 kW (1125 hp) for EU Stage V. Its U.S. EPA Tier 2 equivalent version offers a peak rating of 1007 kW (1350 hp).

Built to Last

The C32B boasts strength from the inside out. Weighing approximately 50 kg (110 lb) more than its predecessor, the C32B's performance critical components have been strengthened and upgraded to help extend time between rebuilds.

DOC only Aftertreatment

The C32B uses a dual-can diesel oxidation catalyst (DOC) aftertreatment. This maintenance-free, passive aftertreatment solution eliminates the need for thermal management or regeneration. The C32B does not require diesel exhaust fluid (DEF), helping minimize total fluid consumption and eliminating the need for any DEF infrastructure (DEF tank, DEF pump, heated DEF lines, additional electronics, and DEF storage on the jobsite). DOC-only simplifies the aftertreatment solution, helps minimize overall package size, and reduces operation costs.

SPECIFICATION

| | |
|------------------------------------|-------------------------------|
| Cylinders | V-12 |
| Displacement, L (in ³) | 32.1 (1958.9) |
| Aspiration | Twin turbocharged-aftercooled |
| Bore and stroke, mm (in) | 145 x 162 (5.7 x 6.4) |
| Maximum power, kW (hp) | 895 (1200) |
| Rated speed, rpm | 1800 |
| Maximum torque, Nm (lb ft) @ rpm | 5861 (4323) @ 1200 |
| Combustion system | MEUI injection |
| Weight, kg (lb) | 3055 (6735) |
| Rotation (viewed from flywheel) | Anti-clockwise |

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

AEHQ8530-01 (09-24)

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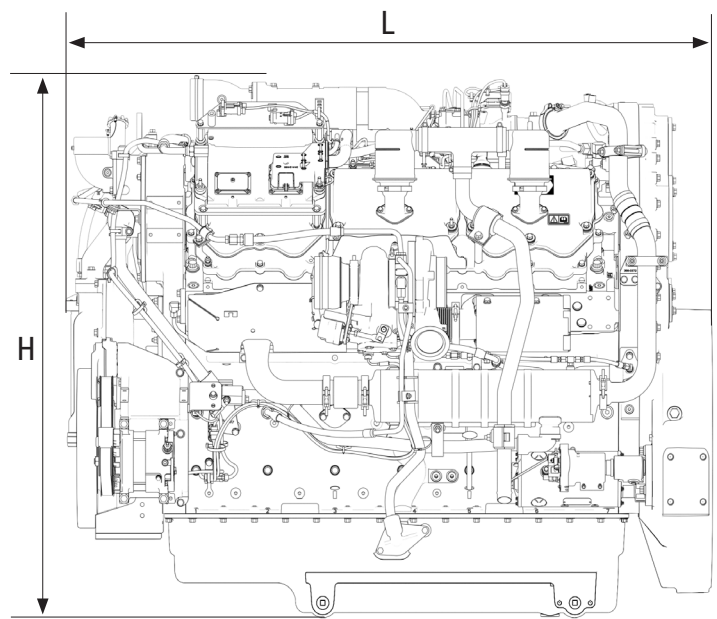
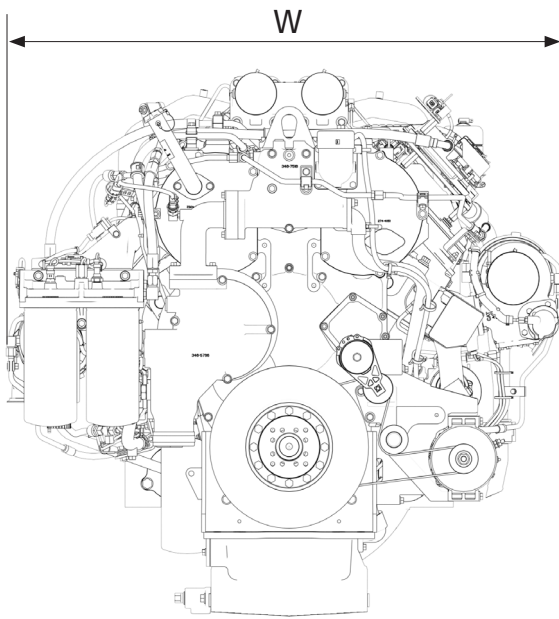
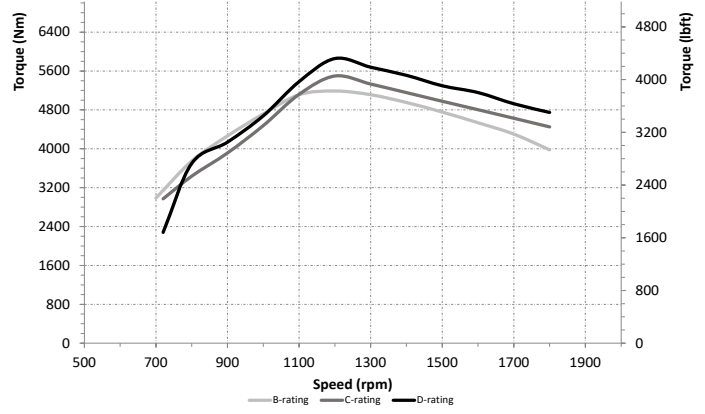
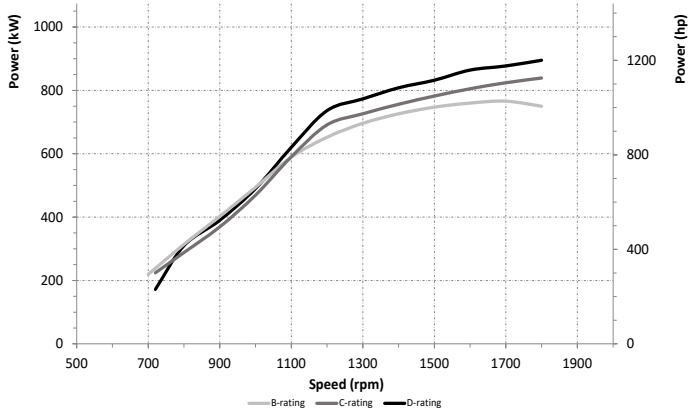
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DIMENSIONS AND WEIGHTS (BASE ENGINE)

| | |
|---------------------------------|---------------|
| Length (including fan), mm (in) | 1874 (73.8) |
| Width, mm (in) | 1600 (63.0) |
| Height, mm (in) | 1370 (53.9) |
| Weight, kg (lb) | 3055 (6735.1) |

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