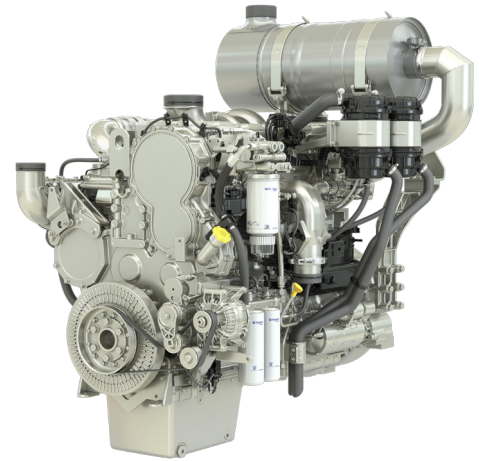


2806J-E18TTA

Industrial

EU Stage V/U.S. EPA Tier 4 Final
576-597 kW (772-800 hp) @ 1800 rpm

The Perkins® 2806J-E18TTA is a series turbocharged, air-to-air aftercooled, industrial engine, capable of meeting EU Stage V and U.S. EPA Tier 4 Final emission standards using a single-can diesel oxidation catalyst (DOC).



Features and benefits

High power density

2806J-E18TTA engines with ratings above 560 kW (755 hp) have excellent power density that utilise a compact, single-can diesel oxidation catalyst (DOC) aftertreatment system. The DOC is a maintenance-free, passive aftertreatment solution that eliminates the need for thermal management.

Dependable power

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

Tailored for your machines

Fully configurable engine with compact simplified aftertreatment offers numerous options while minimising package size and enables commonisation across a wide range of applications. Engine and remote-mounted aftertreatment configurations offer users flexibility, while low heat rejection allows for optimised cooling packages.

Specification

Cylinders	6 vertical in-line
Displacement, litres (in ³)	18.1 (1104.5)
Aspiration	Series twin turbocharged aftercooled
Bore and stroke, mm (in)	145 × 183 (5.7 × 7.2)
Maximum torque, Nm (lb ft) @ rated speed, rpm	3710 (2736) @ 1300
Combustion system	Direct injection (MEUI)
Compression ratio	16.0:1
Aftertreatment	DOC
Total lubricating oil capacity, litres (US gal)	38-72 (10-19)
Rotation (viewed from flywheel)	Anti-clockwise
Length x width x height, mm (in)	1545 × 1141 × 1334 (61 × 45 × 53)
Weight, kg (lb)	1758 (3875), dry 1790 (3945), wet

For more information please contact a Perkins distributor: <http://distributorlocator.perkins.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. Engine power measured per ISO 14396:2002. 100298-EN-02 (01-25) Produced in England ©2025 Perkins Engines Company Limited

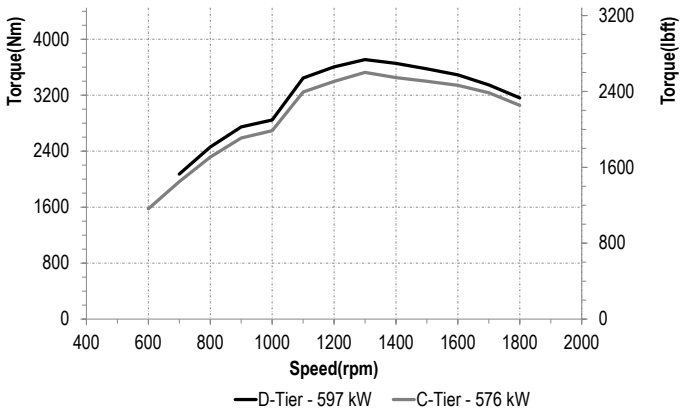
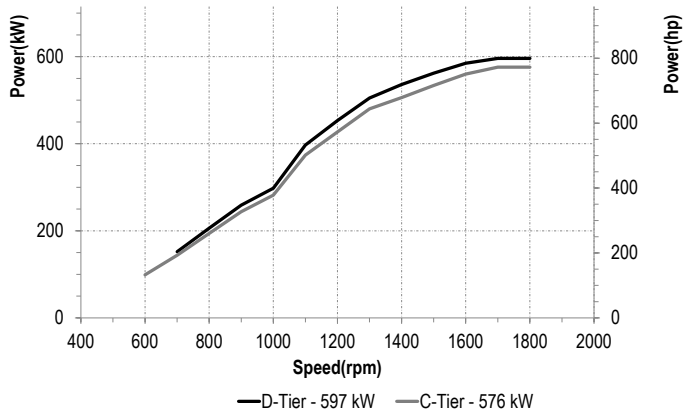
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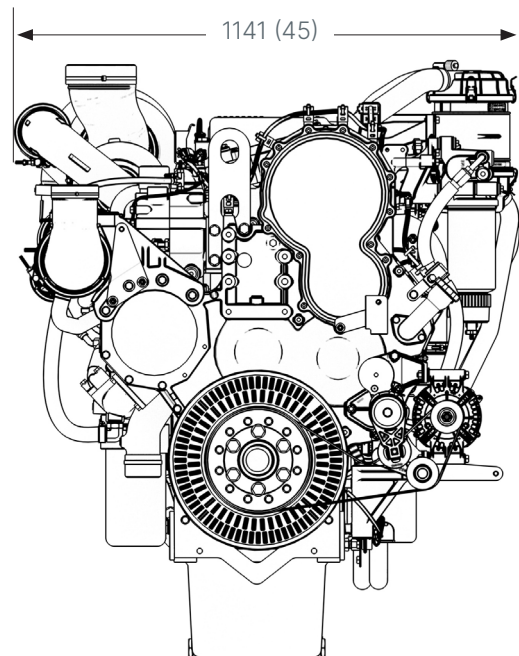
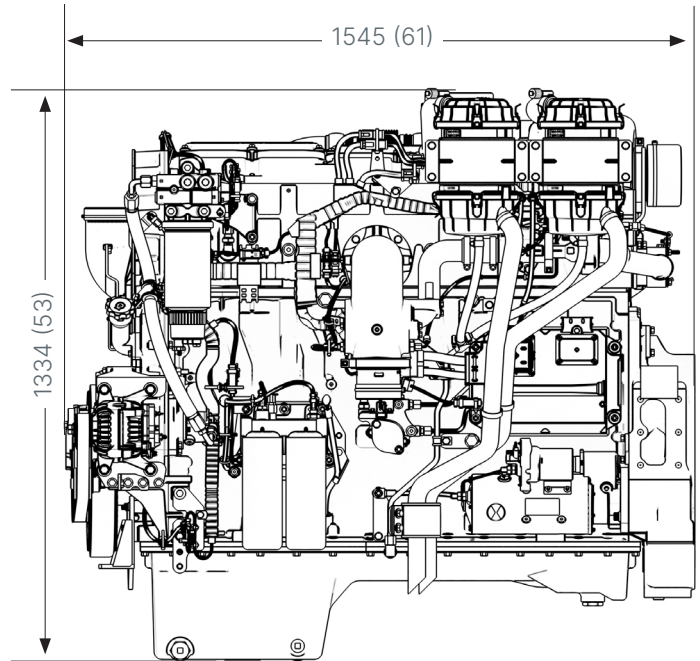
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Performance curves



Dimensions



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