

# 2806J-E18TTA

Industrial

EU Stage V

563-597 kW (755-800 hp) @ 1800 rpm

*The Perkins® 2806J-E18TTA is a series turbocharged, air-to-air aftercooled, industrial engine, capable of meeting EU Stage V 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 <sup>3</sup> )	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 to 72 (10 to 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>

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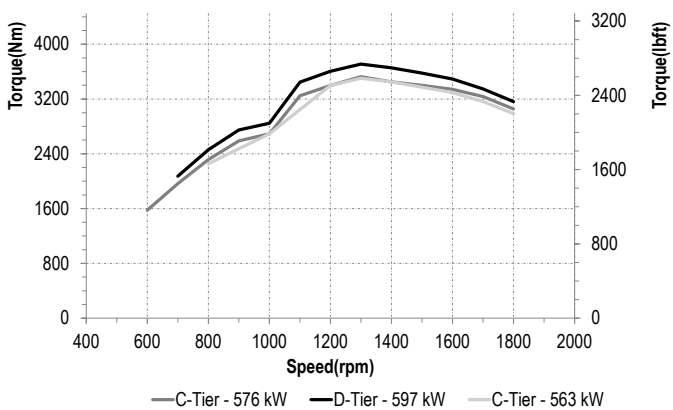
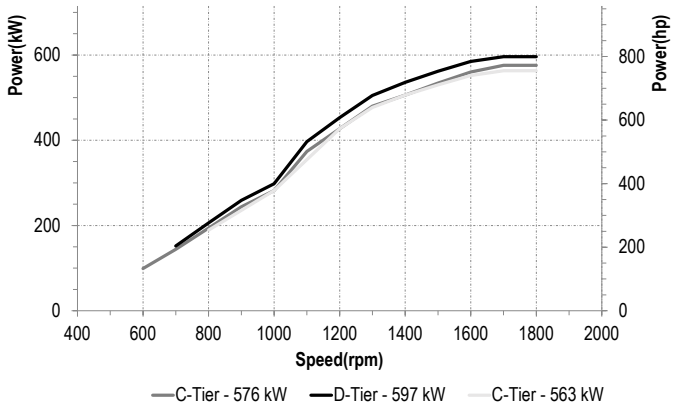
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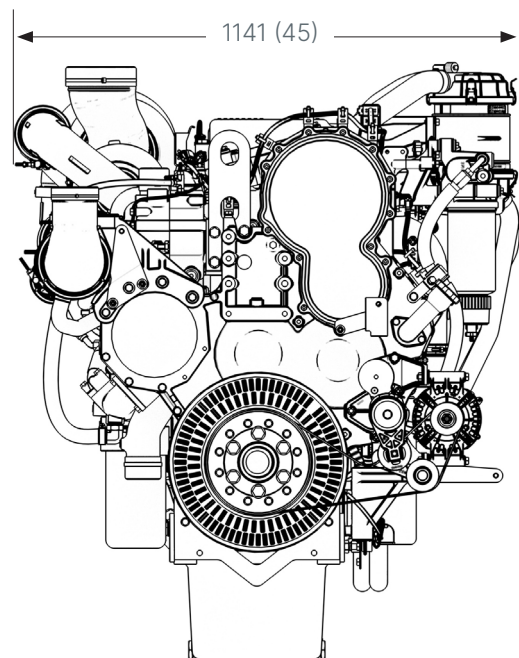
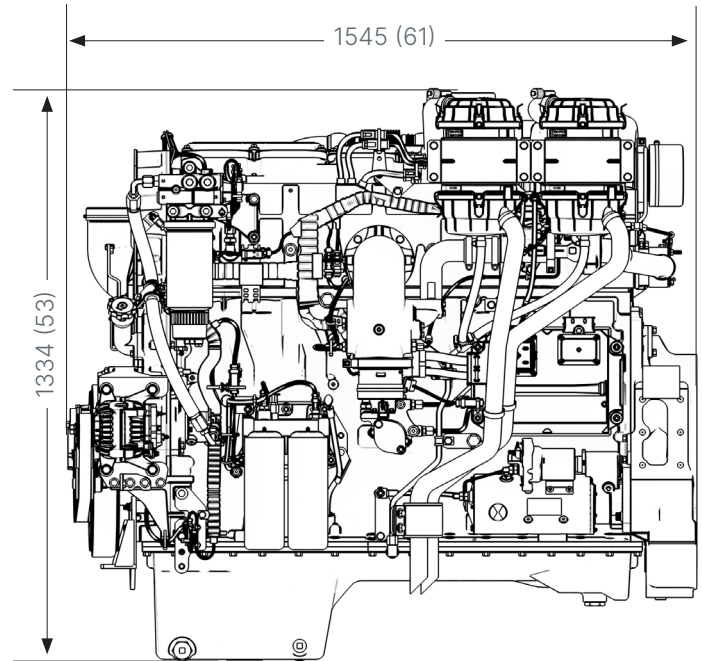
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## Performance curves



## Dimensions



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