

2806J-E18TTA

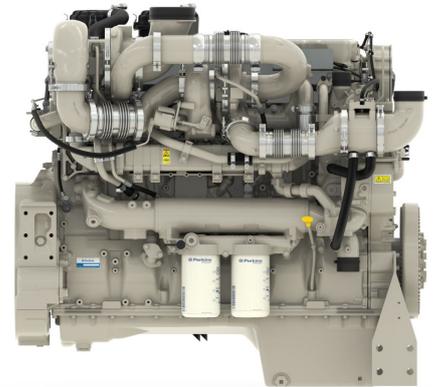
Industrial Engine

EU Stage V and U.S. EPA Tier 4 Final

563-597 kW (755-800 hp)

The ability to power your machine line-up with one engine supplier is truly achievable with Perkins. We have introduced a platform of 9-18 litre industrial engines that completes our market-leading industrial power range and covers 8.2-597 kW (11-800 hp).

This model is a serial twin turbocharged, air to air chargecooled, 18.1 litre, 6 cylinder product capable of producing 597 kW (800 hp).



Using a single-can diesel oxidation catalyst (DOC), these engines meet EU Stage V and U.S. EPA Tier 4 Final certification allowing for sales into countries with the highest global emissions standard.

To support the demands of your machine installation we offer a choice of engine configurations and options. The robust technology allows you to integrate these engines into your equipment with the minimum of re-engineering.

Perkins has developed a reputation for designing and building reliable and durable engines for the most demanding applications. Choosing Perkins as your engine supplier means your development costs can be reduced.

Features and Benefits

High Power Density

2806J-E18TTA engines with ratings above 560 kW (755 hp) have excellent power density. With a top rating of 597 kW (800 hp) it utilises a compact, single-can diesel oxidation catalyst (DOC) aftertreatment. The DOC is a maintenance-free, passive aftertreatment solution that eliminates the need for thermal management and all the associated components.

Power density coupled with a compact aftertreatment allows you to downsize the total space claim of your installation across numerous applications while realising a reduction in maintenance requirements and cost of operation.

Dependable power

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

For more information please contact a Perkins distributor: <http://distributorlocator.perkins.com>

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 **Perkins**[®]

THE HEART OF EVERY GREAT MACHINE

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Tailored for your machines

Fully configurable engine with exceptional power density, numerous options and a compact, simplified aftertreatment to minimise total package size and enable commonisation across a wide range of application. Aftertreatment installation flexibility to meet all applications - including remote mount and engine-mounted. Low heat rejection levels allow for optimised cooling package at equivalent power.

Lifetime of low cost

Fuel consumption optimised to match operating cycles of a wide range of equipment and applications.

Fuel and oil

Stage V and Tier 4 Final engines require Ultra Low Sulfur Diesel (ULSD) fuel containing a maximum of 15 ppm sulfur, and new oil formulations to support the new technology. Biofuel up to B20 is supported.

Local support, global coverage

Perkins recognise that the customer relationship is important to machine manufacturers and we can offer a range of flexible solutions to help provide appropriate support, either to the OEM's network or directly to the machine customer.

With highly trained Perkins distributors in thousands of communities in over 180 countries, you are never far away from expert product knowledge, genuine parts and a range of advanced diagnostic technology for keeping your engine in peak condition.

To find your local distributor: www.perkins.com/distributor

Specification	
Cylinders	In-line 6
Displacement litres, L	18.1
Aspiration	Series twin turbocharged aftercooled
Bore and stroke mm (in)	145 x 183 (5.7 x 7.2)
Maximum power kW (hp)	597 (800)
Rated speed (rpm)	1800
Maximum torque Nm (lb ft) @ rpm	3710 (2736.4) @ 1300
Combustion system	Direct injection
Weight kg (lb)	1542 (3399.5)
Rotation (viewed from flywheel)	Anti-clockwise

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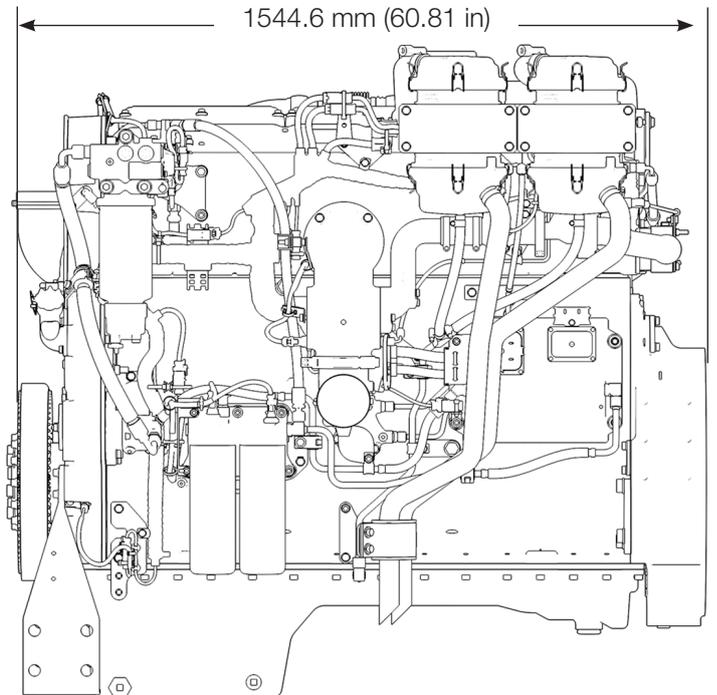
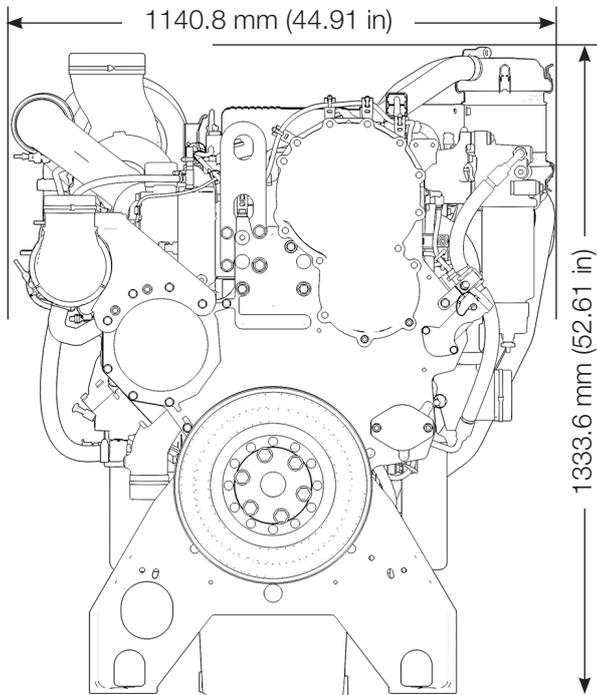
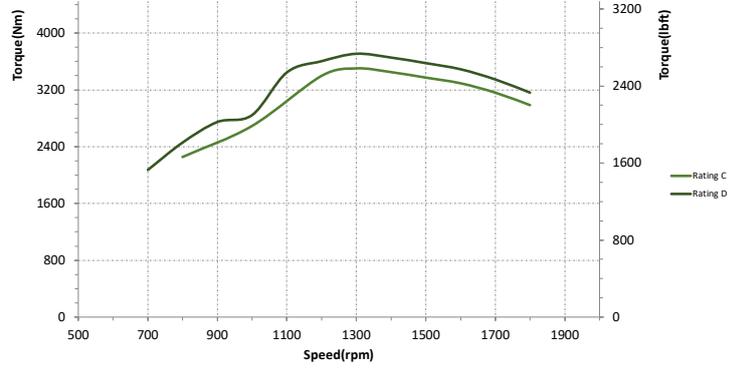
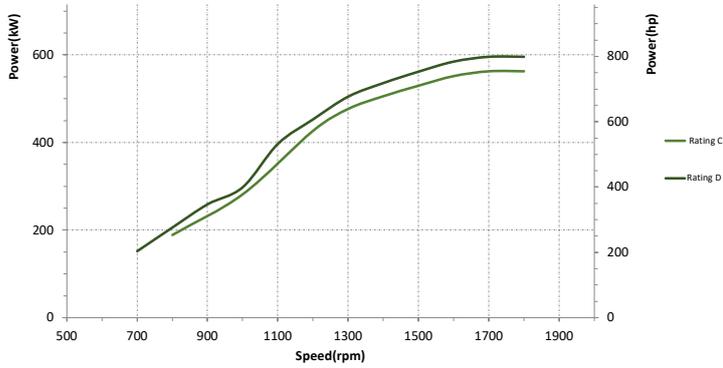
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