

403J-17

Industrial

EU Stage V

18.4 kW / 24 hp @ 2800rpm

The 403J-17 is an indirect injection industrial diesel engine that meets the EU Stage V emission standard without the need for electronic control, aftertreatment or exhaust gas recirculation. It is available with many factory configurable options to minimise the costs of machine development and of manufacturing.



Features and benefits

Dependable power

The Perkins® 400 Series has been proven to deliver durable power. Manufactured in highly automated, state-of-the-art production facilities, a wide range of customisation is available while preserving high quality levels.

Tailored for your machines

The 403J-17 is one of the engine options from Perkins at 18.4 kW (24 hp) allowing OEMs to balance different installation, operating and commercial requirements. This model is particularly adapted to machines which need high torque, lower speed operation and cold start capability.

Quiet in service

The stiff block and indirect injection system make this a quiet engine, minimising operator fatigue and saving costs for OEMs in sound attenuation measures.

Specification

Cylinders	3
Displacement, litres (in ³)	1.7 (108.4)
Aspiration	Naturally aspirated
Bore and stroke, mm (in)	84 × 100 (3.3 × 3.9)
Maximum torque, Nm (lb ft) @ rated speed, rpm	84.9 (61.4) @ 1800
Combustion system	Indirect injection
Compression ratio	23:01
Aftertreatment	N/A
Total lubricating oil capacity, litres (US gal)	5 (1.3)
Rotation (viewed from flywheel)	Anti - clockwise
Length x width x height, mm (in)	572 × 453 × 643 (23 × 18 × 25)
Weight, kg (lb)	Dry - 158 (348) Wet - 166 (366)

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.
PN3206-EN-02 (07-26) Produced in England ©2026 Perkins Engines Company Limited

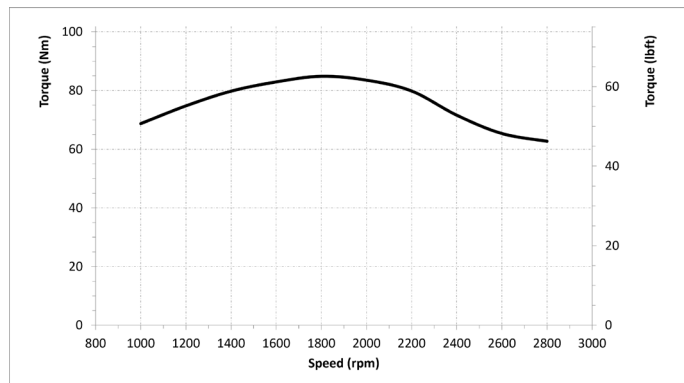
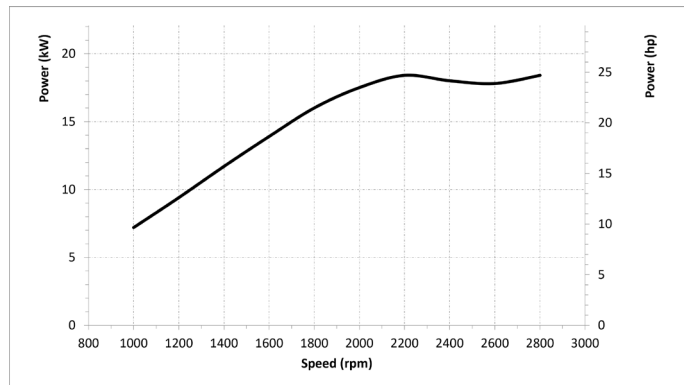
403J-17

Industrial

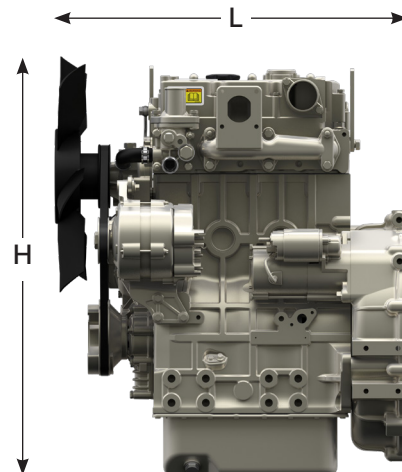
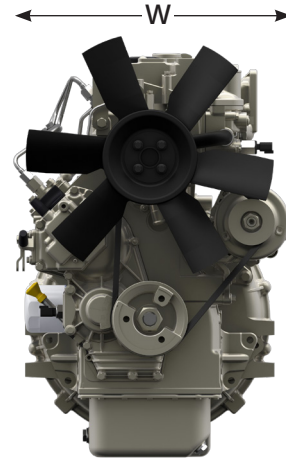
EU Stage V

18.4 kW / 24 hp @ 2800rpm

Performance curves



Dimensions



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. PN3206-EN-02 (07-26) Produced in England ©2026 Perkins Engines Company Limited