

403J-11 and 403J-11T

Industrial Engine

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

18.4 kW/24 hp

The 403J-11 and 403J-11T are indirect injection industrial diesel engines meeting both EU Stage V and U.S. EPA Tier 4 Final without the need for electronic control, aftertreatment or exhaust gas recirculation. Available as naturally aspirated or turbocharged for improved low speed torque, we also offer a range of factory configurable options to minimise the cost 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-11 and 403J-11T are two of the four engine options available from Perkins at 18.4 kW (24 hp), enabling OEMs to balance different installation, operating and commercial requirements. These models are particularly suited to machines where power from a small package size is key, while the turbocharged variant also delivers improved altitude performance.

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)	1.1 (67.1)
Aspiration	Naturally aspirated or turbocharged
Bore and stroke, mm (in)	77 x 81 (3.0 x 3.2)
Maximum power, kW (hp)	18.4 (24)
Rated speed, rpm	2800
Maximum torque, Nm (lb ft) @ rpm	86 (63.4) @ 1600
Combustion system	Indirect injection
Weight, kg (lb)	96 (211)
Rotation (viewed from flywheel)	Anti-clockwise

For more information please contact your local 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.
Performance measured per ISO 14396:2002
PN3243/01/21 Produced in England ©2021 Perkins Engines Company Limited

 **Perkins®**

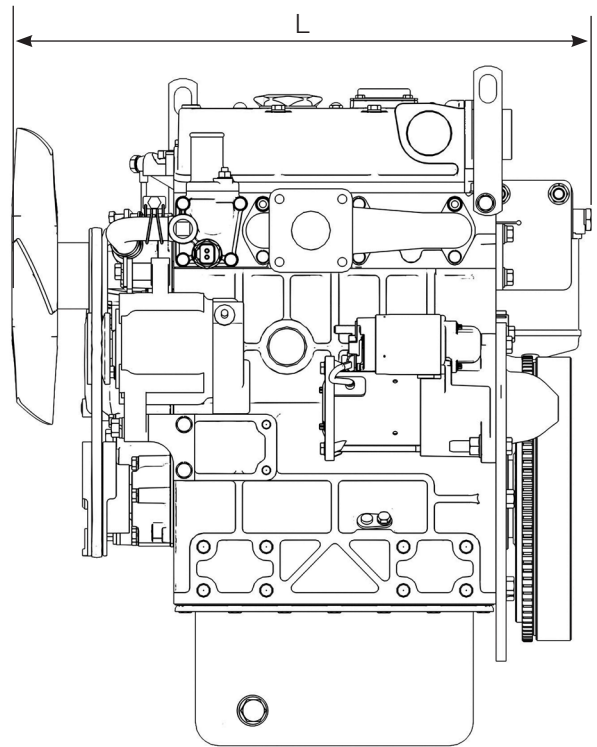
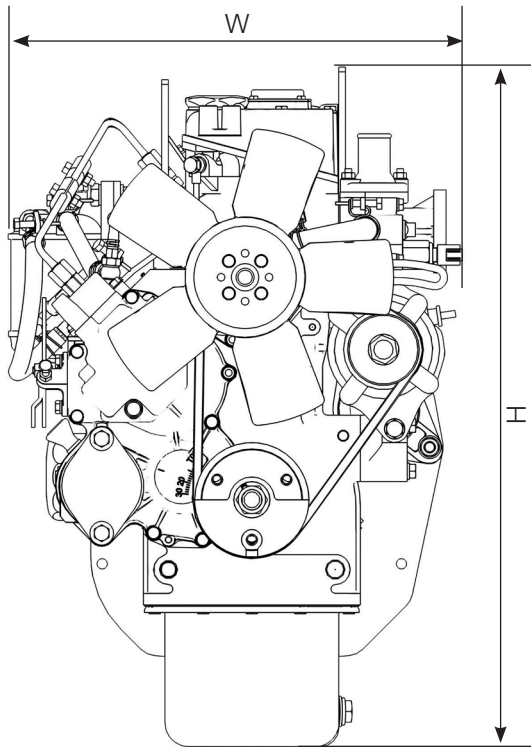
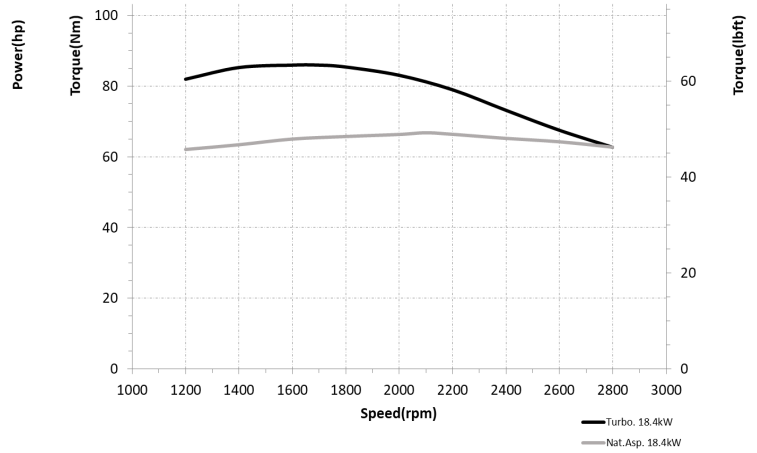
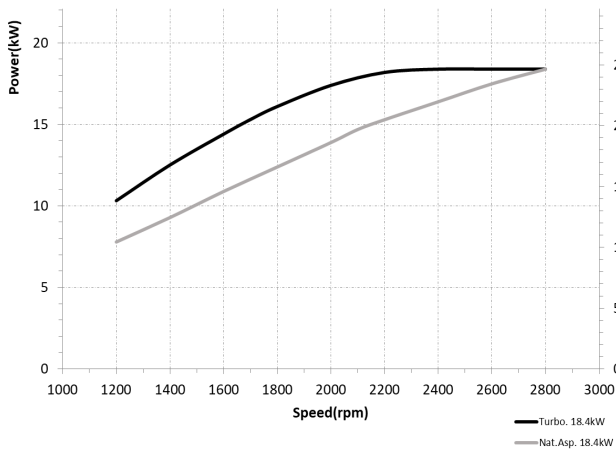
THE HEART OF EVERY GREAT MACHINE

403J-11 and 403J-11T

Industrial Engine

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

18.4 kW/24 hp



	Naturally aspirated	Turbocharged
Length (including fan), mm (in)	491 (19.3)	500 (19.7)
Width, mm (in)	400 (15.8)	513 (20.2)
Height, mm (in)	576 (22.7)	588 (23.1)
Weight, kg (lb)	96 (211)	108 (240)

For more information please contact your local 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. Performance measured per ISO 14396:2002. PN3243/01/21 Produced in England ©2021 Perkins Engines Company Limited

 **Perkins**[®]
THE HEART OF EVERY GREAT MACHINE