

403EA-11 and 403EA-11T

Industrial Engine

China Nonroad Stage IV

16.1-21 kW (21.6-28.2 hp)

The 403EA-11 and 403EA-11T are indirect injection industrial diesel engines meeting China Nonroad Stage IV emission standards 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 if equipped with e-controller.



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, the 400 Series is available in a wide range of factory configurable options.

Tailored for your machines

The 403EA-11 and 403EA-11T are two of the four engine options available from Perkins at 16.1-21 kW (21.6-28.2 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, minimizing operator fatigue and saving money 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)	21 (28.2)
Rated speed, rpm	3400
Maximum torque, Nm (lb-ft) @ rpm	86 (63.4) @ 1600
Combustion system	Indirect injection
Weight, kg (lb)	96 (211)
Rotation (viewed from flywheel)	Counterclockwise

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

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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
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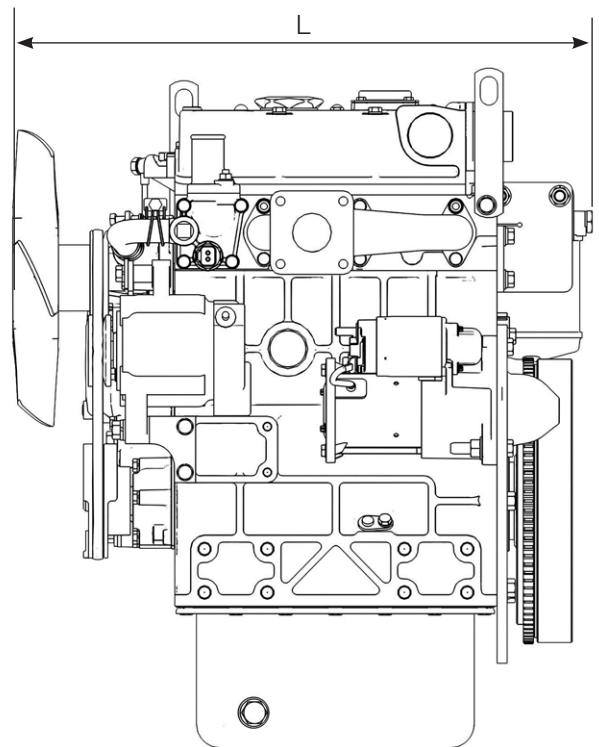
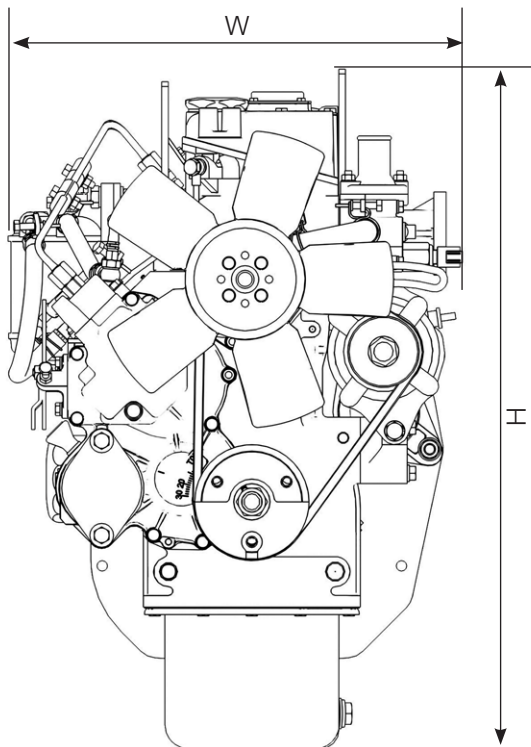
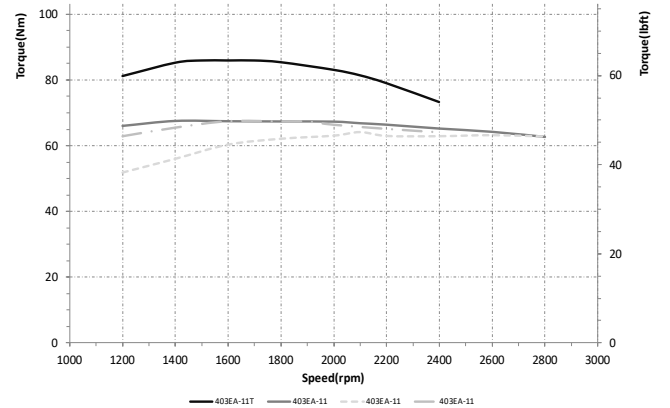
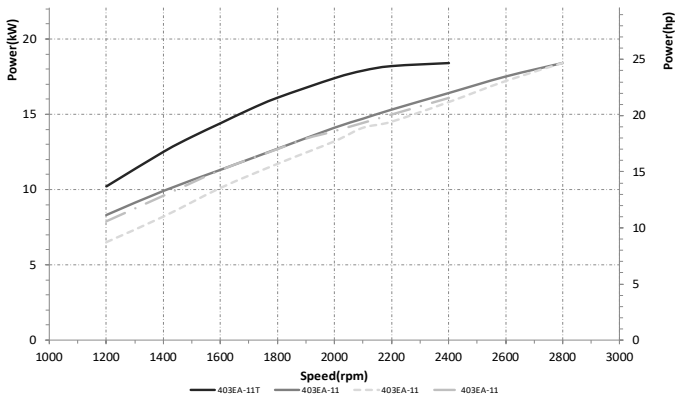
THE HEART OF EVERY GREAT MACHINE

403EA-11 and 403EA-11T

Industrial Engine

China Nonroad Stage IV

16.1-21 kW (21.6-28.2 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)

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