



400 Series

Compact Agricultural, Lawn & Garden Power

404C-15

26.5 kW/35.5 bhp



The 400 Series compact engine family is a significant evolution of the very successful 100 Series. It has been developed alongside customers to fulfill their needs in the construction, materials handling, agricultural/turf, genset and compressor markets, becoming the latest class-leading diesel range from Perkins.

Built to the most demanding standards, the 400 Series engines meet all the requirements of EC Stage 2 and USA EPA Tier 2 off-highway emissions legislation for 2004 and bring significant improvements over their predecessors.

The 404C-15 is an all new 4 cylinder 1.5 litre unit delivering smooth, impressive performance, with low operating costs in a small, efficient package ideal for the agricultural, lawn and garden sectors.

New smooth running, compact performance

The 404C-15 is a totally new product for the Perkins 400 Series range. Developed in consultation with the marketplace, this 1.5 litre, 4 cylinder engine greatly enhances the already impressive product line-up, offering smooth running power, ideally suited to compact Agricultural, Lawn and Garden equipment.

Clean and quiet

As with all engines in the 400 Series range noise levels have been kept to a minimum. Subjective harshness has also been controlled making the engine sound even quieter.

Durable power

Product design and process improvements have been implemented to enhance both engine reliability and durability. A new governor, valve seat inserts and new compliance testing have been introduced to deliver reliability and 6,000 hours B50 Life. Our standard warranty offering at two years, demonstrates our confidence in the 404C-15's durability and reliability.

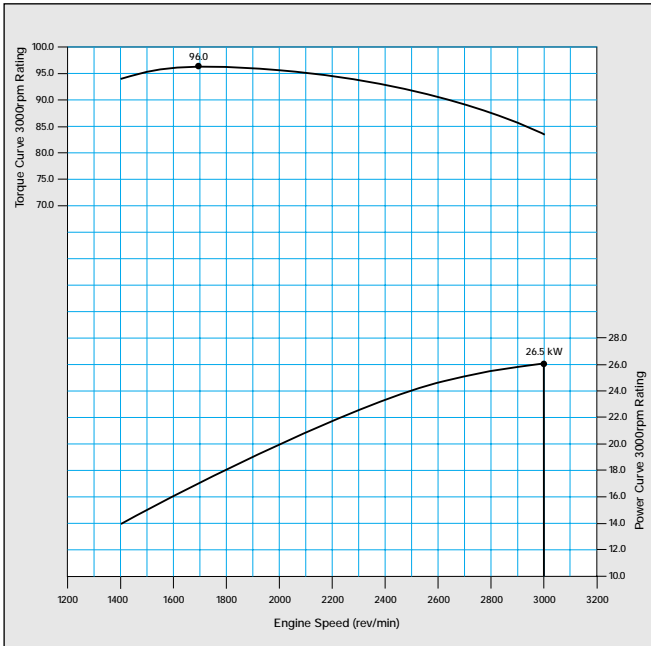
Low operating costs

Oil and filter changes are now set at 500 hours as standard. Cost of ownership is further driven down by low SFC, improved product durability and reliability, and the potential of reduced installation costs. Total worldwide service is provided through a network of 4000 distributors and dealers supporting you wherever, whenever you need it.

Performance Data*	Gross Power	Speed (rev/min)
Power Output (kW)	26.5	3000
Power Output (bhp)	35.5	3000
Peak Torque (Nm)	96	1700
Peak Torque (lbf ft)	70.8	1700

*Performance data is preliminary and may be subject to change. Photographs are for illustrative purposes only and may not reflect final specifications.

400 Series 404C-15



Note: lower speed ratings cannot be read off this curve.

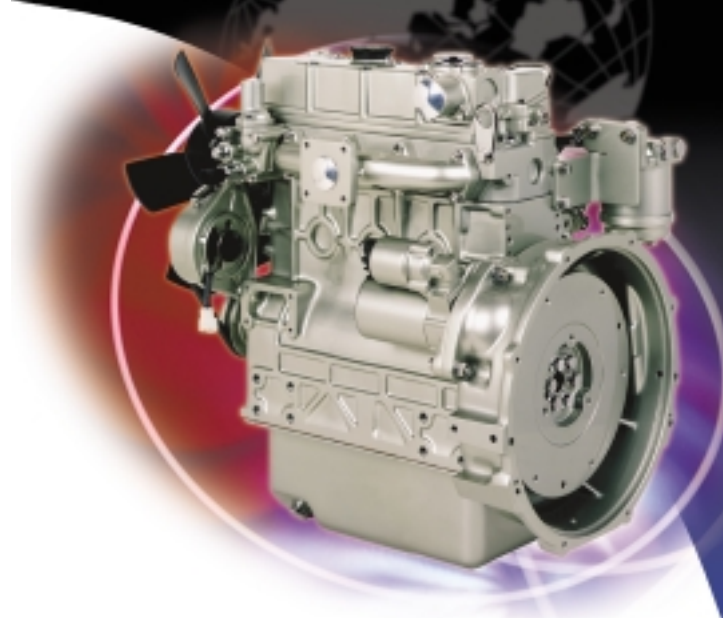
Engine Specification*

- Cast iron engine block
 - Flywheel and flywheel housing
 - Fuel injection pump
 - Spin on fuel filter
 - Glow plug starting aid
 - Lub. oil sump
 - Spin on lub. oil filter
 - Inlet manifold
 - Cast iron exhaust manifold - side outlet
 - Coolant pump belt driven
 - Starter motor 12 volt
 - Alternator 12 volt 55 Amp.
 - E S O S
 - Lub. oil pressure switch
 - Coolant temperature switch
 - Choice of cooling fans
 - Provision for PTO (43Nm continuous; 51Nm intermittent)
 - Cold start capability to - 20 degrees C
 - Gradeability 35 degrees continuous
- *Engine specification is preliminary and may be subject to change



Perkins Engines Company Limited
 Peterborough PE1 5NA
 United Kingdom
 Telephone +44 (0)1733 583000
 Fax +44 (0)1733 582240
www.perkins.com

All information in this leaflet is substantially correct at the time of printing but may be changed subsequently by the Company

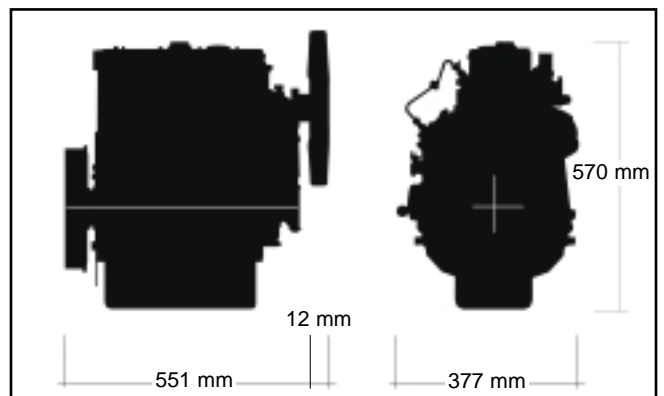


Option Groups

A selection of optional items are available to enable customers to prepare a specification precisely matched to their needs.

General Data

Bore and stroke	77 mm x 81mm
Number of cylinders	4 in-line
Cubic capacity	1.5 litres (91 cu in)
Cycle	4 stroke
Aspiration	Natural
Combustion system	Indirect injection
Compression ratio	TBA
Engine rotation	Anticlockwise viewed on flywheel
Governing	All speed mechanical
Cooling system	Pressurised water
Total lubrication system capacity	6.0 litres
Total coolant capacity	TBA
Length	551 mm
Width	377 mm
Height	570 mm
Dry weight	104 kg



Distributed by