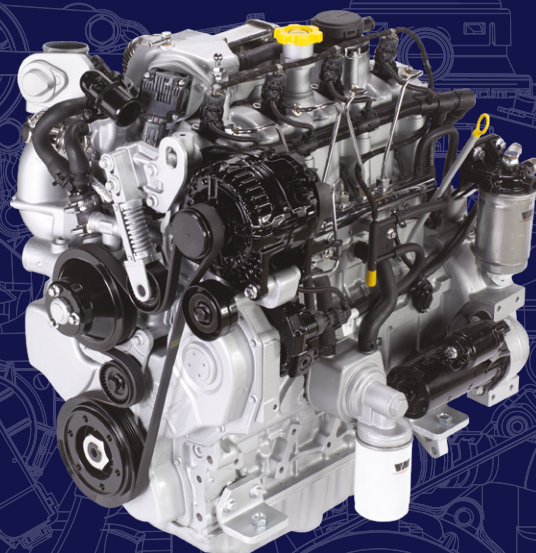


ENGINE SPECIFICATION
R 754 IE417
80 kW


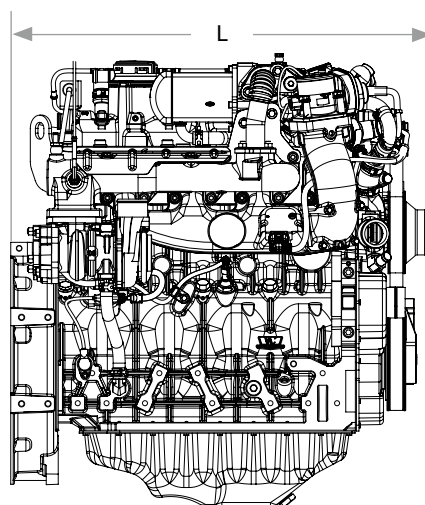
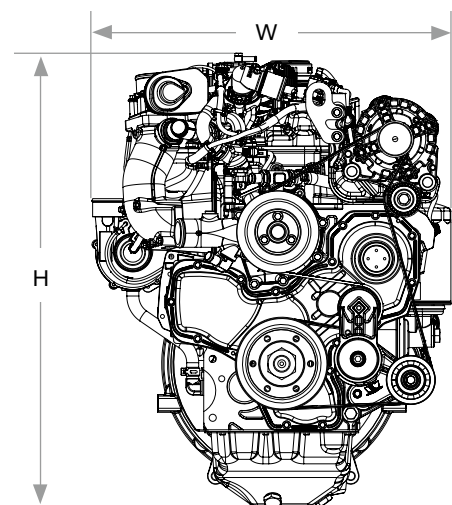
The R754IE417 is a 4-stroke diesel engine with direct injection and an electronically controlled common rail fuel system. It is equipped with a turbocharger and aftercooler to ensure optimised performance and fuel efficiency.

Designed to operate under the most demanding conditions, this water-cooled engine combines reliability with ease of use and maintenance, delivering low fuel consumption and reduced noise levels. These features are highly valued by end users, who also appreciate the ease of installation thanks to its compact dimensions.

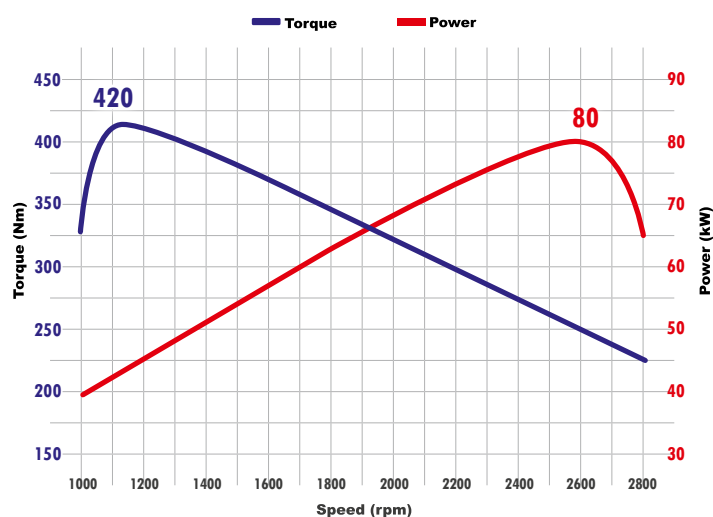
The exhaust after-treatment system (DOC + DPF with EGR) enables certification to STAGE IIIB standards for non-road mobile machinery.

ENGINE MODEL	R 754 IE417
CYLINDERS	4
BORE X STROKE (mm)	94 x 107
DISPLACEMENT (L)	3.0
MAX. POWER (kW) @ rpm	80 @ 2600
MAX TORQUE Nm (kgm) @ rpm	420 (42.8) @ 1100
LENGTH (mm)	705
WIDTH in (mm)	553
HEIGHT in (mm)	760
WEIGHT (kg)	260
INJECTION	Common Rail direct Injection
AFTERTREATMENT	DOC / DPF
AIR CHARGING SYSTEM	Turbocharger and Aftercooler
EMISSIONS	Stage IIIB

HIGH PERFORMANCE DIESEL ENGINES
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POWER CURVE



STANDARD EQUIPMENT

- 1600 bar Common Rail injection system
- Electronic Control Unit supplied loose (CAN BUS SAE J1939)
- Engine wiring harness
- Rocker cover with integrated oil separator
- Electronic EGR
- Electric throttle valve
- Exhaust gas after-treatment system: DOC/DPF
- Alternator battery charger 12 V
- 12 V electric start
- 8"-10" flywheel
- SAE 3-4-5 flywheel housing availability
- Side Power Take-off (PTO)

AVAILABLE ACCESSORIES

- A/C compressor
- Front Power Take Off (PTO) pulley
- 110A / 140A / 180A alternator
- Counter-rotating balance shafts
- Cabin heater connections

HIGH PERFORMANCE DIESEL ENGINES

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VM Motori S.r.l.

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Sede operativa : Via Ferrarese, 29 – 44042 Cento

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