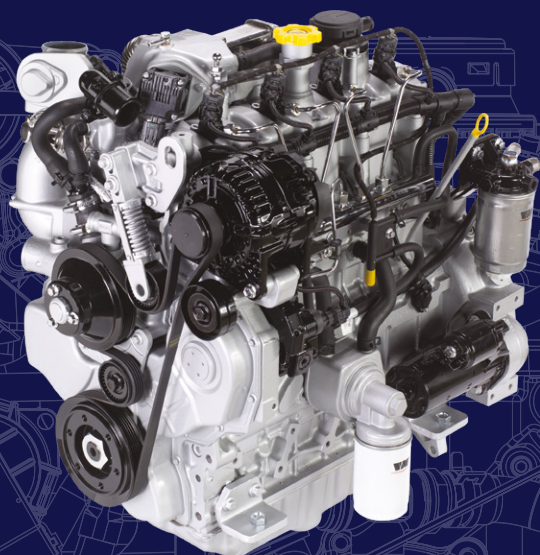


ENGINE SPECIFICATION
R 754 EU6E
80 kW


The R754EU6E is a 3.0-litre diesel engine that combines exceptional performance with maximum efficiency, with a power output of 80 kW. Designed to deliver reliability and compliance with the most stringent standards, it is the ideal solution for industrial applications requiring versatility and durability.

Thanks to its advanced exhaust after-treatment system – DOC, DPF, SCR & CUC and EGR valve – the engine is certified to EURO VI, TIER 4 FINAL and Stage V, ensuring triple homologation for outstanding flexibility and full compliance with the toughest environmental regulations.

At the heart of the R754EU6E is a 4-cylinder inline architecture, four-stroke cycle, direct injection and an electronically controlled common rail fuel system, combined with a fixed geometry turbocharger (FGT) and aftercooler to deliver immediate power and optimised fuel efficiency.

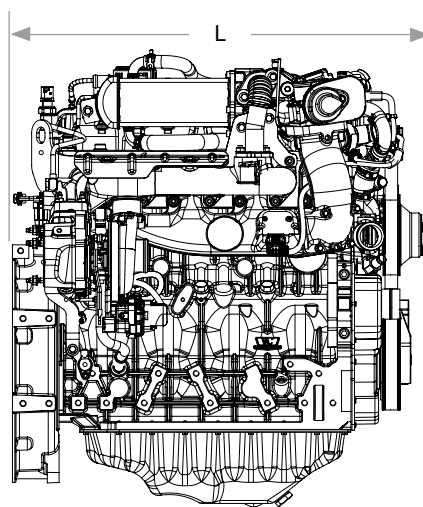
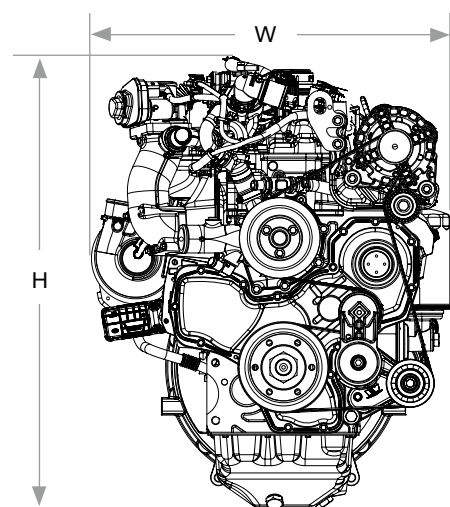
Engineered to perform under the most demanding conditions, this water-cooled engine offers reliability, quiet operation, low fuel consumption and ease of maintenance. Its compact design ensures quick and simple installation, even in confined spaces.

ENGINE MODEL	R 754 EU6E
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)	610
HEIGHT in (mm)	760
WEIGHT (kg)	330
INJECTION	Common Rail direct Injection
AFTERTREATMENT	DOC / DPF / SCR
AIR CHARGING SYSTEM	Turbocharger and Aftercooler
EMISSIONS	Euro VI E Stage V

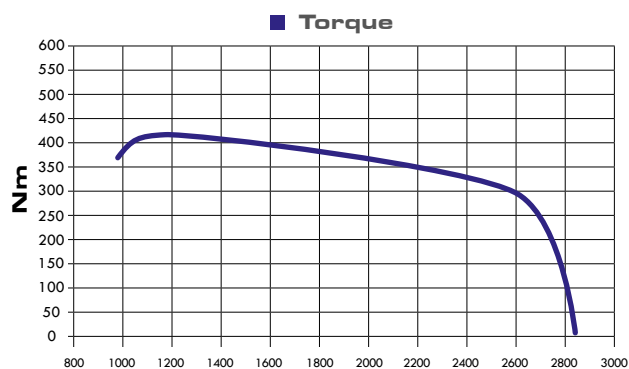
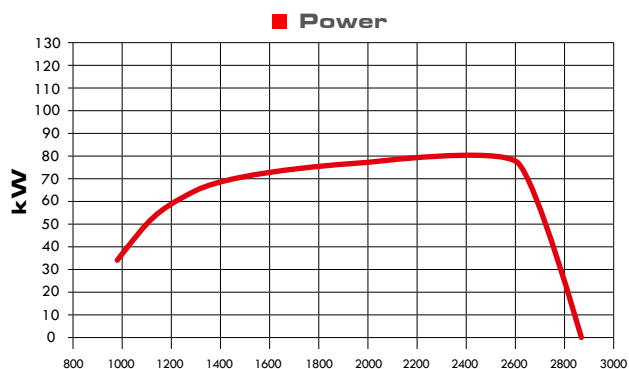
HIGH PERFORMANCE DIESEL ENGINES

THE POWER OF ENGINEERING





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+SCR/CUC
- 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

THE POWER OF ENGINEERING



VM Motori S.r.l.

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