

**K9K – dCi 65, dCi 85, dCi 105**  
**1.5 Turbo - Diesel Euro4**

# K9K - CUSTOMER BENEFITS

***The second generation of Renault 1.5 dCi engine, driving one out of three Renault vehicles sold worldwide from Twingo to Laguna. This engine can meet a wide spread of fuel specifications and emissions standards from Euro1 to Euro 4.***

## **AMONG THE BEST FOR FUEL CONSUMPTION AND CO2**

- Post-injection strategy that reduces both NOx and particulate emissions

## **DRIVING COMFORT - FUN TO DRIVE**

- High torque available over a wide speed range provides an excellent driving comfort

## **ENVIRONMENT FRIENDLY**

- Euro 4 compliant and Euro 3 possible
- Close-Coupled Diesel Particulate Filter (DPF)

## **MAINTENANCE - TOTAL COST OF OWNERSHIP\***

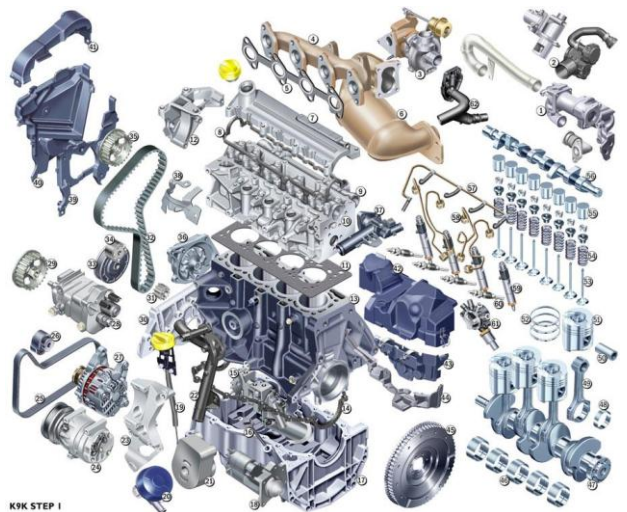
- Timing belt: 120,000 km
- Oil change intervals: 20,000 km or 2 years

## **AVAILABLE TRANSMISSIONS**

- 5 or 6 speed manual transmission

## **DRIVETRAIN LAYOUTS**

- East-West available
- North-South layout possible, according to the customer request and after Renault validations



RP 06 2012 – The information in this brochure is given as an indication only and may change without notice



## **A WIDE RANGE OF APPLICATIONS**

- A to D segment Cars
- MPV and SUV Vehicles
- Equips Renault and other vehicle manufacturers' vehicles

\*On Renault vehicles under West Europe market conditions

# K9K - SPECIFICATIONS

## MAIN SPECIFICATIONS

	dCi 65	dCi 85	dCi 105
Number of Cylinders	4		
Number of Valves	8		
Bore x Stroke (mm)	76 x 80.5		
Total Displacement (cc)	1461		
Max. Power (kW (PS))	48 (65)	63 (85)	78 (105)
Speed at max Power (RPM)	4000	3750	3750
Max. Torque (Nm (lbf.ft))	160(118)	200 (147)	240 (176)
Speed at max Torque (RPM)	1750	1750	1750
Compression Ratio	15.9 : 1		
Fuel Injection	Common Rail Direct Injection		
Turbocharger	Waste Gate		VNT
Fuel	Diesel		
Emissions Standard	Euro1 to Euro4		
Dimensions (LxWxH)	580 x 631 x 680		
Weight (kg)	145		

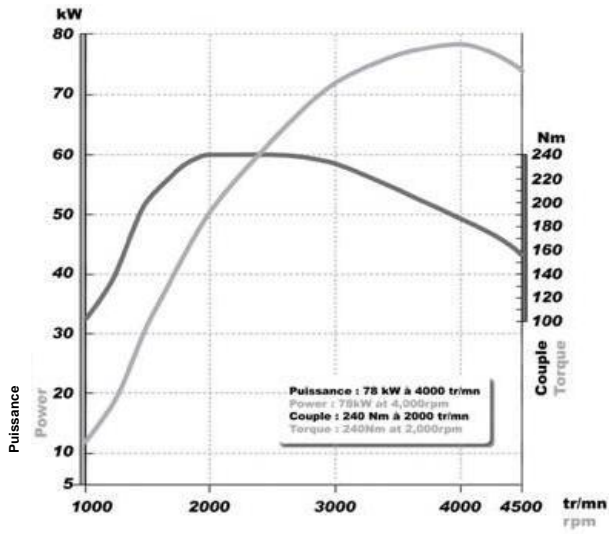
## OTHER SPECIFICATIONS

Cylinder Block Material	Cast Iron
Cylinder Head Material	Aluminum
Oil Sump Material	Aluminum
Emissions Control System	EGR HP DOC
Power Steering	Electric *
Standard Engine Position	East-West, intake and exhaust towards the back
Standard Engine Tilt	8 degrees towards exhaust
Electric Interface to Vehicle	CAN Bus and Analogic

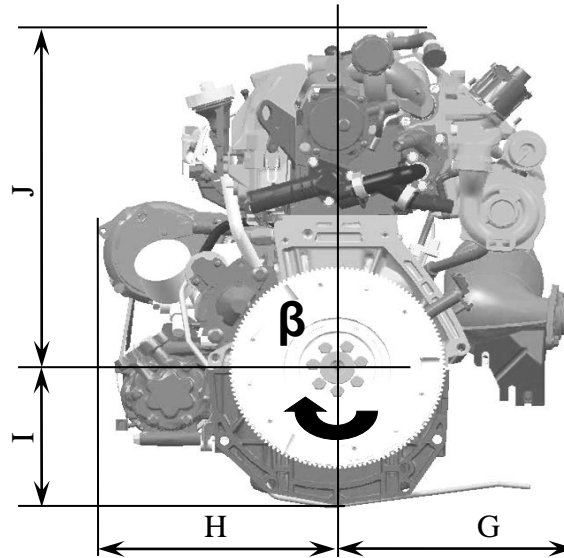
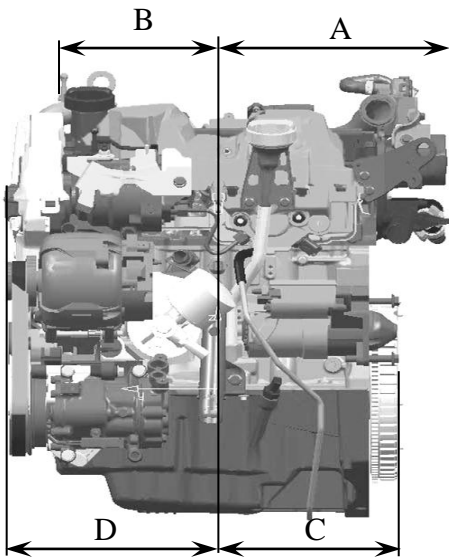
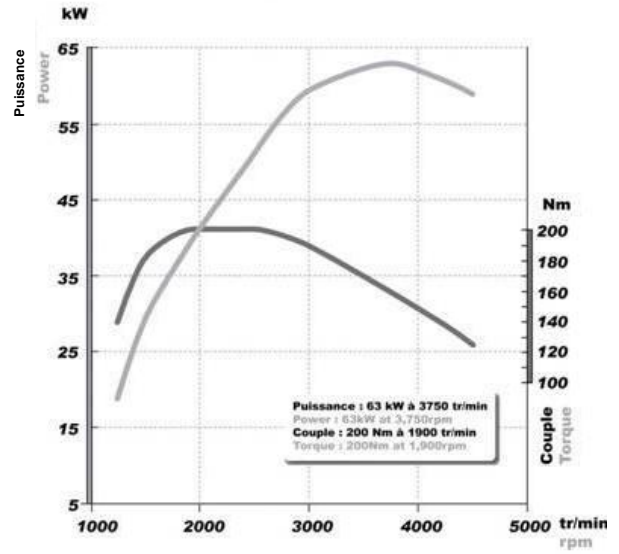
\*Hydraulic power steering to be validated by Renault

# K9K – PERFORMANCE AND MAIN DIMENSIONS

## 1.5 dCi 85



## 1.5 dCi 105



A	302
B	205
C	233
D	278
G	313
H	318
I	200
J	480
$\beta$	8-12°

Dimensions in mm

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