



FORD COMPONENT SALES

3.0L 4V DOHC V6 Engine Ranger 250ps

Technical Specifications

Engine Type:
3.0L 4V DOHC V6

Block / Head:
Compacted graphite iron/
Aluminum alloy

Bore x Stroke (mm): 84 x 90

Cylinder Layout:
V – 1,4,2,5,3,6 (firing order)

Displacement (litres / cu. cm):
2,993

Main Bearings: 5

Compression Ratio: 16.0 :1

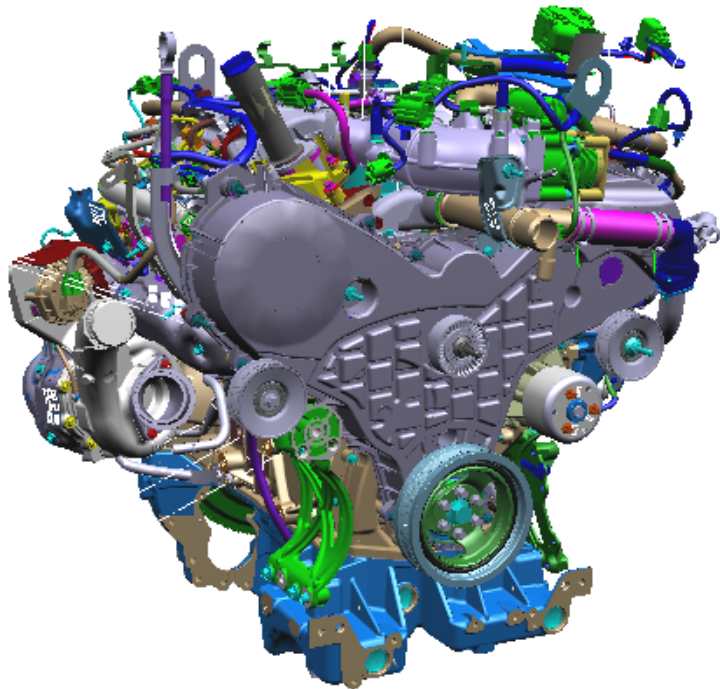
Fuel Injection: Direct Injection

Power (PS @ RPM):
250 @ 3250

Torque (lb.- t @ RPM): :
600Nm @ 1750-2250 RPM

Weight : 218.6 kg

Dimensions (mm) H x W x L: 735 x
830 x 880 mm



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Key Feature and Benefits

TDCI - Turbo Diesel Common Rail Injection

Conti HPCR: PCR5 Injector, DHP1 Pump with solenoid control inlet valve & HP Rail with pressure discharge solenoid

Aluminium cylinder heads Help reduce weight.

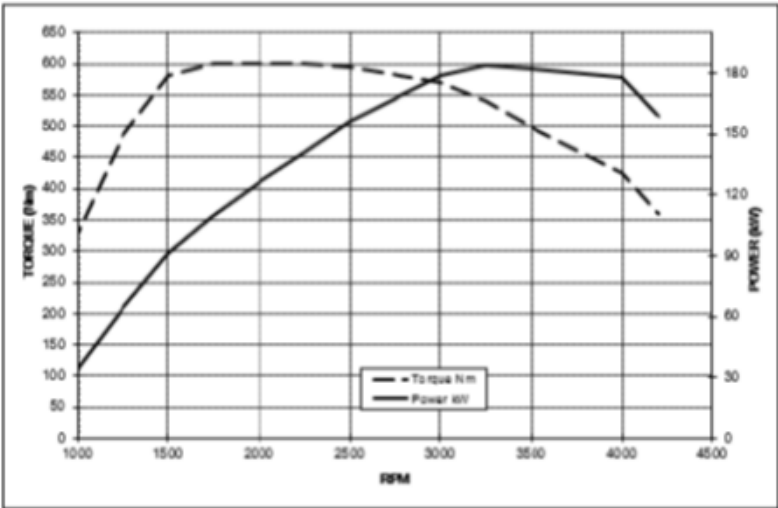
Feature dual water jackets for enhanced cooling and increased strength

Bio diesel capability up to B20 - Designed to handle a mixture of up to 20% bio diesel by volume and 80% petroleum diesel fuel

It is a strong engine which makes use of Compacted Graphite Iron (CGI) block around 75 percent stronger and 75 percent stiffer than the iron used in traditional engine blocks.



P703 3.0L Linc 183.8kW/250ps Stg 5
Engine Performance To ECE R85
Engine Type Code:- BF25



Performance Data (actual)		
RPM	Torque (Nm)	Power (kW)
750	150	14.1
1000	328	34.3
1250	483	63.2
1500	580	91.1
1750	600	110.0
2000	600	125.7
2250	600	141.4
2500	595	155.8
3000	570	173.1
3250	540	183.8
3500	498	182.5
4000	425	178.0
4200	360	158.3
Declared Max Power kW/rpm		183.8/3250
Declared Max Torque Nm/rpm		600 / 1750 - 2250
Idle Speed		750
No Load Speed		0
Correction Factor :		ISO - 1985

Test Date:	
Reference Diesel	B7

Specifications, features, and benefits applicable to engines and transmissions are based on Ford products, and may vary with different applications. Pictures and details shown are for illustrative purposes only (actual product may vary). Powercurves are valid at the time of publication. Additionally, the availability of the product(s) described herein may vary.