



COMPONENT SALES

1.0 GTDI EcoBoost

Manufacturer & Plant

Ford Motor Company
Cologne Engine Plant

Engine Type

3 Cylinders in-line
Twin Independent
Variable Camshaft
Timing.

Block

Cast Iron

Head

Cast Aluminium

Number of valves

12

Flywheel

DMF

Power

PS (KW)

100 (74)

125 (92)

Torque

Nm @ rpm

170 @ 6000

170 @ 6000 (200 with
Transient over boost)

Also available as 65 & 80PS
Non-Turbo, Non Intercooled
variants.

Turbo

Single

Displacement

cc

999

Bore and Stroke

mm

71.9 x 82.0

Compression Ratio

10.0:1

Alignment

Tranverse

Weight

Kg

86

Overall dimensions HxLxW

mm

700x600x745

Fuel System

High pressure direct
injection with 6 hole
injectors

NB: The 65 & 80 PS variants
have a 12:1 compression
ratio



Components	Engine as supplied	Components	Dress Kit
Clutch Kit	X	Starter Motor	X
Flywheel	X	Alternator	X
Dipstick	X	Bush	X
Dipstick Tube	X	Bolt	X
Throttle Body	X	Bolt	X
Water Pump	X	Bracket Alternator Lower	X
Crank Sensor	X	Bracket Alternator Upper	X
Vac Pump	X	FEAD Belt	X
Turbocharger	X	FEAD Belt Tensioner	X
Fuel Injection Pump	X	Cat & Down Pipe	X
MAP Sensor	X	Intercooler	X
Knock Sensor	X	Input Shaft*	X
Cam Sensor	X	Output Shaft*	X
Wiring Harness	X	Output Shaft (-) Driving Gear*	X
		Power Steering Pump	X

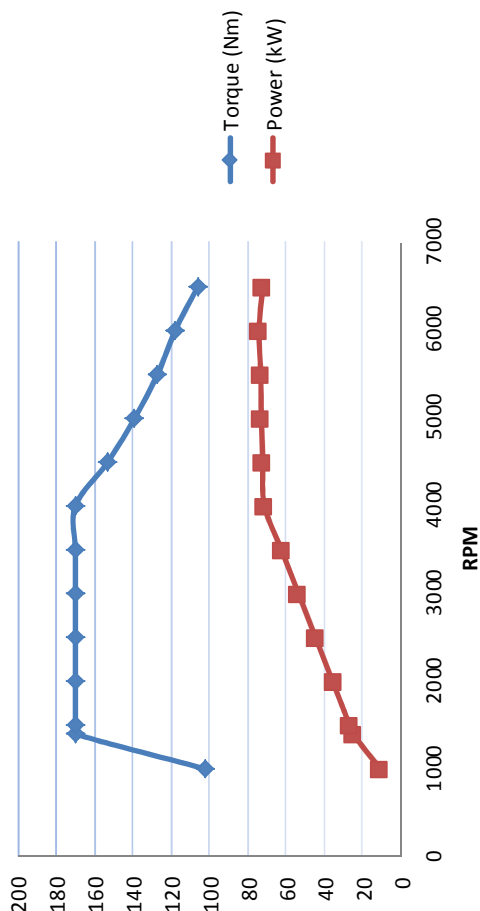


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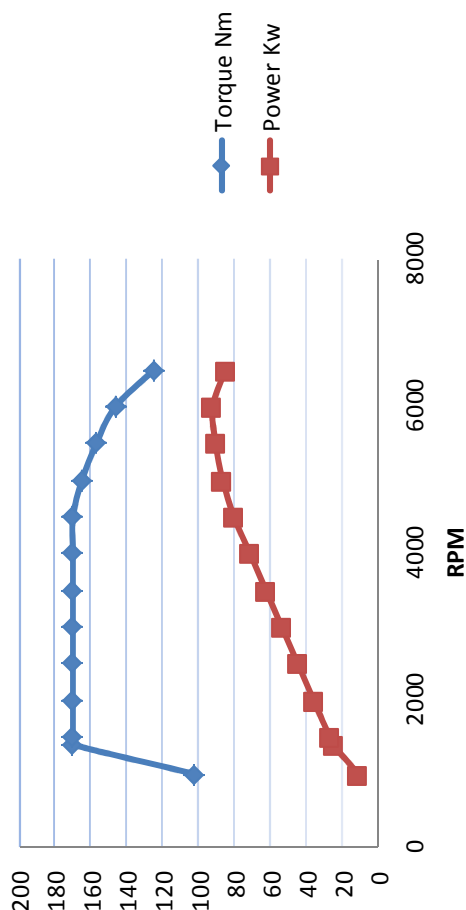
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1.0 GTDi Eco-Boost - 100PS (74KW)



RPM	Torque (Nm)	Power (kW)
1000	102	10.7
1400	170	24.9
1500	170	26.7
2000	170	35.6
2500	170	44.5
3000	170	53.4
3500	170	62.3
4000	170	71.2
4500	153	72.1
5000	139	72.8
5500	127	73.1
6000	117.8	74
6500	106	72.1
Max Power kW /rpm		74 / 6000
Max Torque Nm /rpm		170 / 1400-4000
Max Const. rpm		6450
Max Intermit. rpm		6675

1.0 GTDi Eco-Boost - 125PS (92KW)



RPM	Torque (Nm)	Power (kW)
1000	102	10.7
1400	170	24.9
1500	170	26.7
2000	170	35.6
2500	170	44.5
3000	170	53.4
3500	170	62.3
4000	170	71.2
4500	170	80.1
5000	165	86.4
5500	157	90.4
6000	146.4	92
6500	125	85.1
Max Power kW /rpm		92 / 6000
Max Torque Nm /rpm		170 / 1400-4500
Max Const. rpm		6450
Max Intermit. rpm		6675