



## COMPONENT SALES

# 1.6 GTDI EcoBoost

Manufacturer & Plant Ford Motor Company, Bridgend, Wales

Engine Type 4 Cylinders in-line  
DOHC Twin Variable  
Camshaft Timing

Block Aluminium  
Head Aluminium  
Number of valves 16  
Flywheel DMF

Power	PS (KW)	150 (110)	180 (120)
Torque	Nm @ rpm	240 @1600-4000 (270 with transient over boost) @ 1900-3500	240 @1600-5000 (270 with transient over boost)@1900-4000

Turbo Single  
Displacement cc 1596  
Bore and Stroke mm 79.0 x 81.4  
Compression Ratio 10.1:1  
Alignment Transverse  
Weight Kg 99.9  
Overall dimensions HxLxW mm 600x620x640  
Fuel System

High pressure direct injection with 6 hole



Components	Engine as supplied
Clutch Kit	X
Dual Mass Flywheel	X
Intake Manifold	X
Exhaust Manifold	X
Dipstick	X
VAC Pump	X
Water Pump	X
Crank Sensor	X
Turbocharger	X
Fuel Injection Pump	X
Throttle Body	X
Knock Sensor	X
Cam Sensor	X

Components	Dress Kit
Wiring Loom	X
Starter Motor	X
Alternator	X
Bush	X
Bolt	X
Bolt	X
Bracket Alternator Lower	X
Bracket Alternator Upper	X

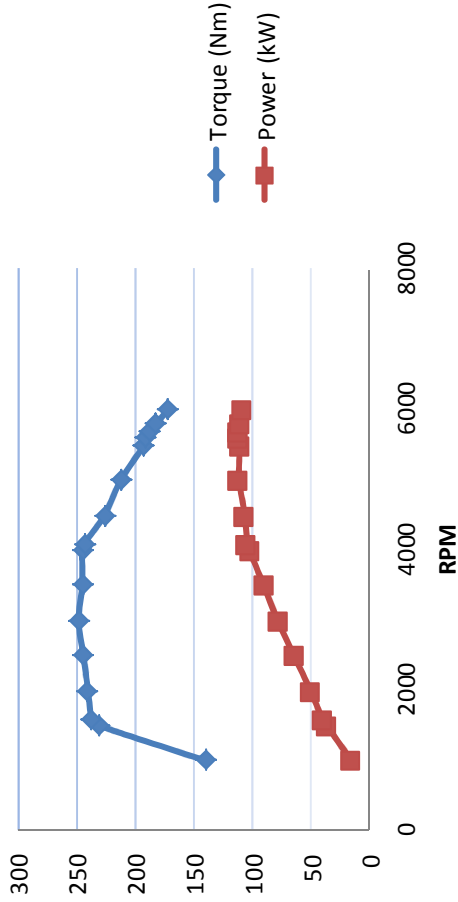


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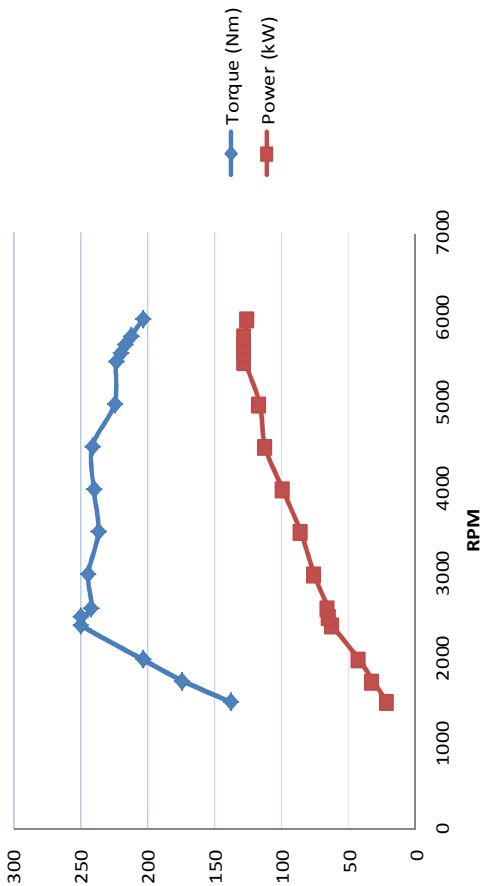
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1.6 GTDi Eco-Boost - 150PS (110KW)



RPM	Torque (Nm)	Power (kW)
1000	140	15
1500	231	36
1600	237	40
2000	240	50
2500	244	64
3000	<b>248</b>	78
3500	245	90
4000	245	102
4100	243	104
4500	226	106
5000	212	110.8
5500	192	110.4
5600	190	111.5
5700	187	<b>111.7</b>
5800	182	110.5
6000	172	108
Max Power kW /rpm		111/5600
Max Torque Nm /rpm		248/ 3000
Max Const. rpm		
Max Intermit. rpm		

1.6 GTDi Eco-Boost - 180PS (120KW)



RPM	Torque (Nm)	Power (kW)
1500	138	21
1750	174	31.5
2000	203.5	42
2400	249.2	62
2500	<b>249.5</b>	64.5
2600	241.5	65
3000	244	75.5
3500	236.5	85.5
4000	240	99
4500	241	112
5000	224.5	116
5500	223.5	127
5600	220	127
5700	216	<b>127.3</b>
5800	212	127
6000	203	125.8
Max Power kW /rpm		127/ 5500
Max Torque Nm /rpm		249.5/ 2500
Max Const. rpm		
Max Intermit. rpm		