



FORD COMPONENT SALES

1.0L Fox MHEV Service Engine Focus 125ps

Technical Specifications

Engine Type: 3-cyl double overhead camshaft engine with 12 valves

Block / Head:
Cast iron / Aluminium

Displacement (litres /cu in) 1.0L - 999cc (61.0)

Bore x Stroke (in): 71.9mm 82mm

Main Bearings: 4

Compression Ratio: 10.5:1

Fuel Injection: Sequential Multiport Fuel Injection

Valve Operation: Variable camshaft timing on the intake and exhaust camshafts

Power (PS @ RPM)
92 kW(125 PS)/ 4500-6000

Torque (lb.-t @ rpm)
(170 Nm / 1400-4500 PRM)

Oil Capacity / Spec:
5.05 L (5.34 qt) SAE 5W-20

Weight (kg.): 105 kg (Approx)

Dimensions (mm) H x W x L: 679 x 612 x 472 mm (Approx)



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Key Features & Benefits

3-cylinder double overhead camshaft engine with 12 valves

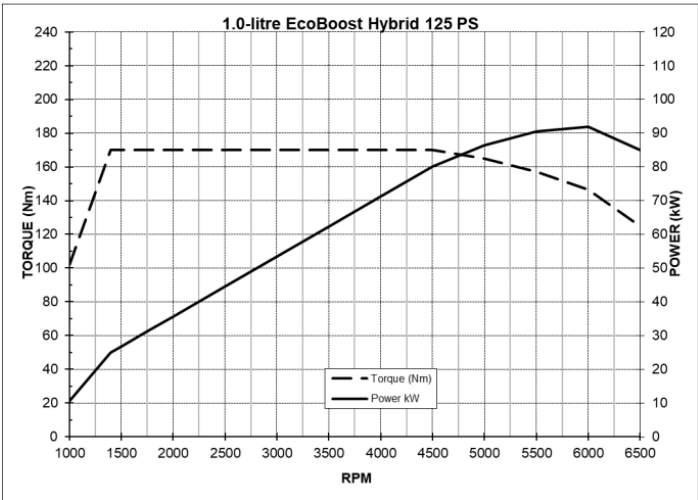
Cast iron cylinder block,
Aluminium alloy cylinder head

Camshafts driven by timing chain, not belt, for more robustness

Stage 6.2 emission level



TECHNICAL SPECIFICATIONS



Camshaft drive		Chain drive with hydraulic tensioner
Crankshaft		Cast iron, 6 counterweights, 4 main bearings
Engine management		Bosch CAN-Bus and individual cylinder knock control. FGEC software
Fuel injection		250bar (max) High pressure direct fuel injection with 5-hole injectors
Emission level		Euro 6d
Emission control		Rapid light-off catalyst, gasoline particulate filter
Turbocharger		Fixed geometry turbocharger
Electric motor		11.5kW Belt Integrated Starter-Generator
Battery		48V 8Ah Li-ion air cooled battery pack
Lubrication system		Electronically controlled variable displacement oil pump for improved fuel economy
Cooling system		Split cooling system with 2 thermostats

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). Additionally, the availability of the product(s) described herein may vary. Contact Ford Component Sales, for details. Please note powercurves are valid at time of publication