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Ford Focus 1.0L FOX114 Kw/155PS MHEV Engine

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)
114 kW(155 PS)/ 4500-6000

Torque (lb.-t @ rpm)
(190 Nm / 2100-5500 PRM)

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

Weight (kg.): 104 kg (Approx)

Dimensions (mm) H x W x L: 570
x 612 x 472 mm (Approx)



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Ford Focus 1.0L FOX 92 Kw/ 155PS MHEV Engine

Key Features & Benefits

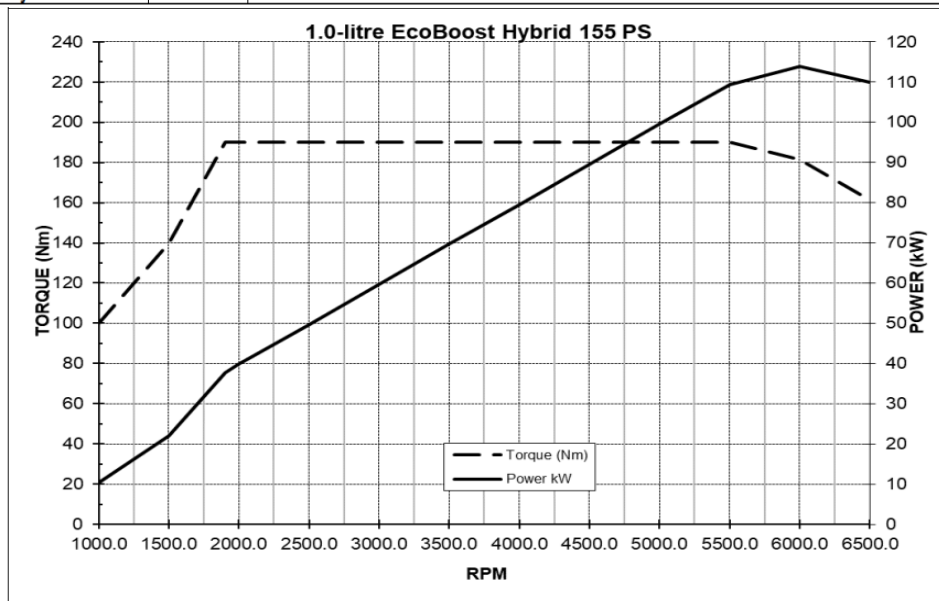
3-cylinder double overhead camshaft engine with 12 valves

Cast iron cylinder block,
Aluminium alloy cylinder head

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

Stage 6.2 emission level

		1.0-litre EcoBoost Hybrid (125, 155 PS)	
Type		In-line three-cylinder turbo petrol, 48-volt mild hybrid, Ti-VCT, transverse	
Displacement	cm ³	999	
Bore	mm	71.9	
Stroke	mm	82.0	
Compression ratio		10.5:1	10.0:1
Max power	PS (kW)	125 (92)	155 (114)
	at rpm	6000	6000
Max torque steady state	Nm	170	190
	at rpm	1400-4500	2100-5500
Max torque overboost	Nm	200	220
	at rpm	1750	3000
Max torque e-assist	Nm	210	240
	at rpm	1750	2500
Valve gear		DOHC with 4 valves per cylinder, twin independent variable cam timing	
Cylinders		3 in-line	



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