

# EP6 FADTX (FADTX/FADTXD) **PSA**

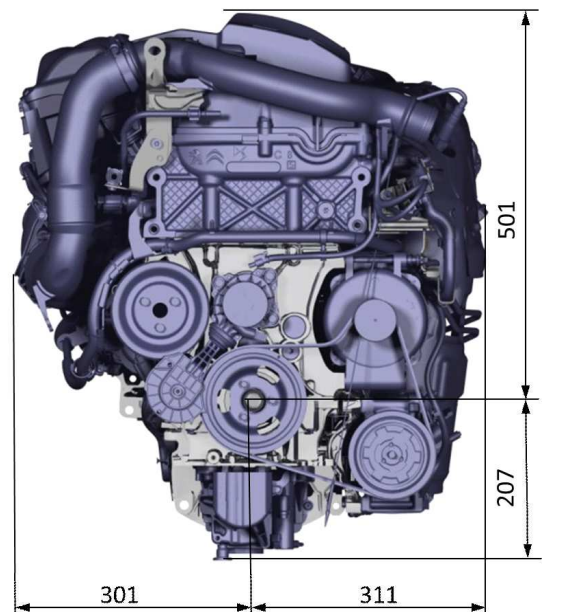
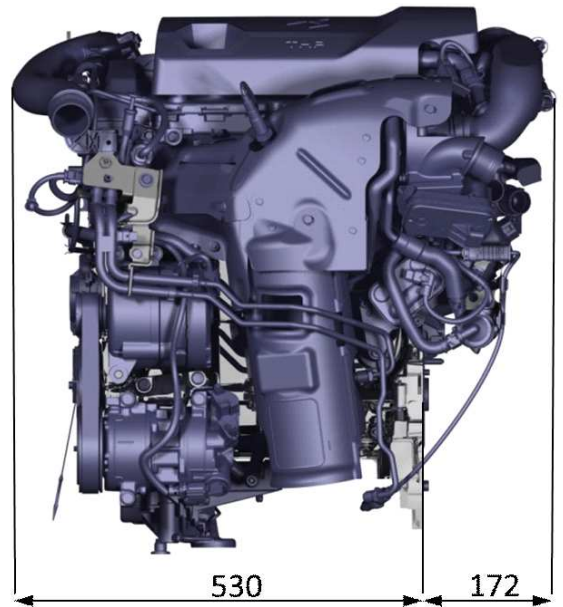
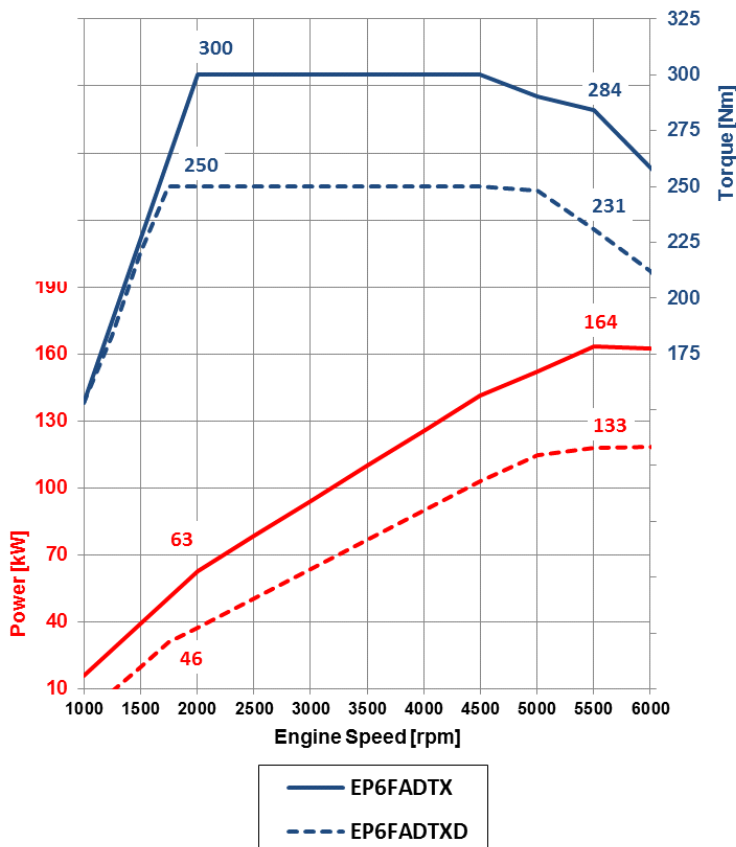
EURO 6 step 2 Petrol Engine  
Automotive application version

POWERTRAIN



**1598 cm<sup>3</sup>**  
**4 cylinders in-line**  
**164 kW (223 hp) @ 5500 rpm /**  
**133 kW (181 hp) @ 5500 rpm**  
**300 Nm @ 2250 rpm / 250 Nm @ 2000 rpm**  
 4 valves per cylinder  
 Turbocharged  
 2 camshafts  
 Weight\* : 110 kg  
 \*Weight with oil and clutch without accessories

Performances curves



Last update 13/03/2017

All specifications may be subject to modification without notice

# EP6 FADTX (FADTX/FADTXD)

EURO 6 step 2 Petrol Engine  
Automotive application version

POWERTRAIN

## General Technical Characteristics

<b>Name</b>	EP6 FADTX (FADTX/FADTXD)
<b>Fuel</b>	Petrol (RON 91 min)
<b>Base engine weight</b>	110 kg
<b>Displacement</b>	1598 cm <sup>3</sup>
<b>Bore</b>	77 mm
<b>Stroke</b>	85.8 mm
<b>Engine architecture</b>	4 cylinders in-line
<b>Number of camshafts</b>	2
<b>Balance shaft</b>	No
<b>Compression ratio</b>	10.2/1
<b>Piston rod centreline distance</b>	132.3 mm
<b>Maximum rotation</b>	6500 rpm
<b>Idle rotation</b>	800 rpm
<b>Injector</b>	Bosch HDEV5.2
<b>Turbocharger</b>	FGT (BWTS)
<b>EGR valve</b>	No
<b>Intercooler</b>	Yes
<b>Variable Valve Lift (VVL)</b>	Intake (Valvetronic)
<b>Variable Valve Timing (VVT)</b>	Intake / Exhaust
<b>Throttle valve</b>	Continental
<b>Engine Control Unit</b>	Bosch MG1CS042
<b>Vacuum pump</b>	Yes
<b>Catalyst</b>	Close-coupled TWC / GPF, with 2 lambda sensors
<b>Coolant liquids</b>	Brugarolas Bradol 497 (dilution 50%) Arteco Freecor DSC (dilution 50%)
<b>Water temperature criteria</b>	110°C for continuous operation 115°C for peak (4% lifetime) 118°C for peak (1% lifetime)
<b>Oil temperature criteria</b>	125°C for continuous operation 145°C for peak (5% lifetime)
<b>Oil capacity</b>	4,8 L
<b>Standard installation</b>	E/W and 0°

Last update 13/03/2017

All specifications may be subject to modification without notice