

C10 ENT

265 kW (360 Hp) @ 2100 rpm - 1700 Nm @ 1400 rpm

290 kW (394 Hp) @ 2100 rpm - 1800 Nm @ 1400 rpm

315 kW (428 Hp) @ 2100 rpm - 1890 Nm @ 1500 rpm

TIER III / STAGE IIIA

Specifications

Thermodynamic cycle	Diesel 4 stroke - D.I.	
Air intake	TAA	
Arrangement	6, in line	
Bore x Stroke	mm	125 X 140
Total displacement	l	10.3
Valves per cylinder	n.	4
Cooling system	liquid	
Direction of rotation (viewed facing flywheel)	CCW	
Compression ratio	16.5 : 1	
Injection system	Electronic Unit Injector	

Performance

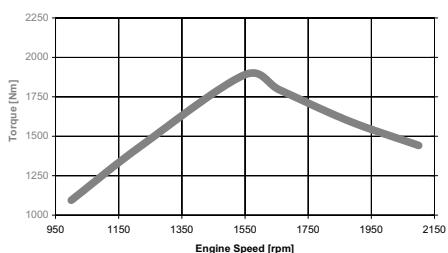
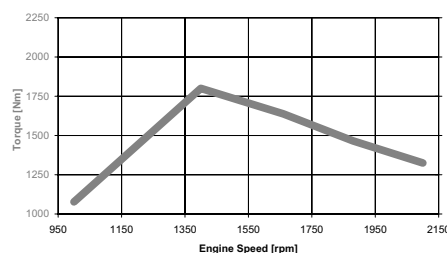
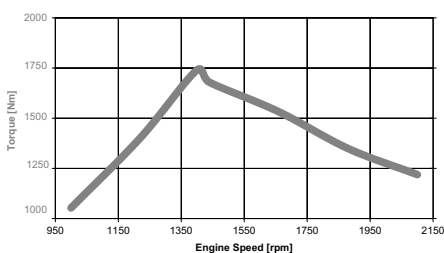
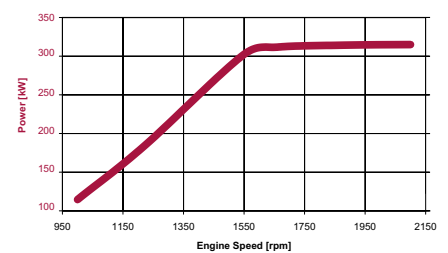
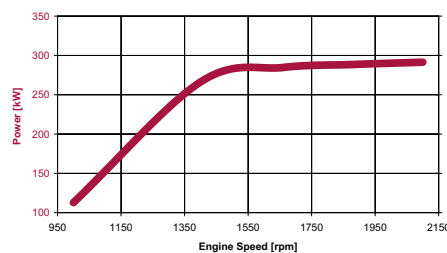
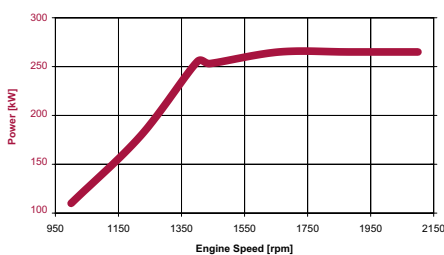
Maximum rating [*]	kW(Hp)	265 (360)	290 (394)	315 (428)
At speed	rpm	2100	2100	2100
Maximum torque	Nm(kgm)	1700 (173)	1800 (183)	1890 (193)
At speed	rpm	1400	1400	1500
Maximum no load governed speed at max rating	rpm	-	-	-
Minimum idling speed	rpm	-	-	-
Minimum starting temperature without auxiliaries	°C	-15	-	-
Oil and oil filter maintenance interval for replacement **	hours	-	600	-
Dry weight (standard configuration)	kg	-	950	-

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT SALES NETWORK.

* **Power** at flywheel according to 2004/26 EC (without fan), after 50 hours running, 3% tolerance, fuel Diesel EN 590.

Test conditions: ISO 3046/1, 25 °C air temperature, 100 kPa atmospheric pressure, 30% relative humidity - Applicable also to DIN 6271, BS 5514, SAE J1349 Standards.

** Oil type: ACEA E3 - E5.



Standard configuration

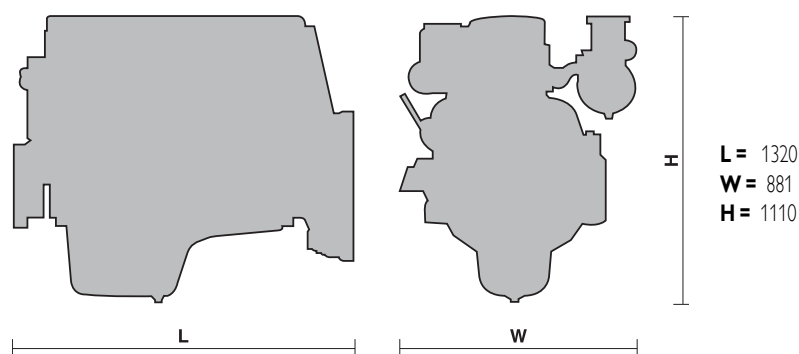
Flywheel housing	type	SAE 1 - aluminium
Flywheel size	inch	14
Intake manifold location		right side / frontwards
Turbo exhaust connection		left side / backwards
Turbocharger		fix geometry, waste gate controlled
Turbocharger location		middle / left side
Fan transmission ratio		1.25 : 1
Distance between fan - crankshaft centers	mm	x = 0 ; y = 225
Fuel filter		1 - right side
Fuel prefilter		included, supplied loose
Fuel pump		high pressure pump (H.P.P.)
Lift pump		mechanical - incorporated in the H.P.P.
Oil filter	n.	dual cartridge - left side
Oil sump		suspended sheet steel / 17° angularity limits continuous in all directions
Oil vapours blow-by circuit		close case ventilation
Oil heat exchanger		incorporated into the block
Oil filler		on valve cover
Starting motor		24V - 5.5kW
Alternator		24V - 90A
Engine stop device		by electronic control unit
Wiring harness		interface wiring loom with accessories
Power take off (optional) - transmission ratio		1.36 : 1
PTO arrangement		PTO optional (150 Nm), cover plate only
Painting	color	grey

Not included in the standard configuration

Battery - minimum capacity recommended	180Ah (24V)
Battery - minimum cold cranking capacity recommended	800A (24V)

FPT OFFERS THE WIDEST AVAILABILITY OF ENGINE BUILD OPTIONS TO CUSTOMER SPECIFIC REQUIREMENTS WITHIN THE ENGINE SUPPLY. TO FIND OUT MORE ABOUT THE CONFIGURATIONS AND ACCESSORIES WHICH ARE AVAILABLE, CONTACT THE FPT SALES NETWORK.

Dimensions



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 Specifications subject to change without notice.
 Illustrations may include optional equipment.