

SPECIFICATIONS

Thermodynamic Cycle	diesel 4 stroke		
Air Handling	TAA		
Arrangement	6L		
Bore x Stroke (mm)	141 X 170		
Total Displacement (l)	15.9		
Valves per cylinder (n°)	4		
Injection System	ECR		
Speed governor	-		
Cooling System	liquid		
Direction of Rotation (viewed facing flywheel)	CCW		
Oil specifications	SAE 10W40 ACEA E9/API CJ-4		
Oil consumption	< 0,2		
Fuel specifications	EN 590		
Oil and oil filter maintenance interval for replacement [***] (hours)	600		
Specific fuel consumption at:	1500		1800
- Stand-By l/h (g/kWh)	- (194.1)		- (200.1)
- 100% load l/h (g/kWh)	- (191.1)		- (197.8)
- 80% load l/h (g/kWh)	- (190.9)		- (197.9)
- 50% load l/h (g/kWh)	- (194.1)		- (203.9)
ATB (without canopy) (°C)	50		50
Coolant capacity: engine + radiator (l)	- 25.5		
Coolant capacity: engine only (l)	- 27		
Lube oil total system capacity including pipes, filters etc. (l)	- 32		
Electric system (isolated return)	24		
Starting batteries: recommended capacity (Ah)	2x185		
Discharge Current (EN50342) A	1200		
Cold starting: without preheating (°C)	-		
Cold starting: with preheating (°C)	-		

WEIGHT AND DIMENSIONS

Dimensions (LxWxH)	2300 X 1105 X 1600
Dry Weight (including cooling package)	Kg 1420

PERFORMANCE

Ratings ¹⁾	1500 rpm		1800 rpm	
	PRIME	STAND-BY	PRIME	STAND-BY
Rated Power kWm ²⁾	503	559	522	582

Ratings in accordance with ISO 8528. For duty at temperature over 40°C and/or altitude over 1000 meters must be considered a power derating factor. Net power at flywheel available after 50 hours running with a ±3% tolerance.

PRIME POWER: The prime power is the maximum power available with varying loads for an unlimited number of hours. The average power output during a 24h period of operation must not exceed 80% of the declared prime power between the prescribed maintenance intervals and at standard environmental conditions. A 10% overload is permissible for 1 hour every 12 hours of operation.

STAND-BY POWER: The stand-by power is the maximum power available for a period of 500 hours/year with a mean load factor of 90% of the declared stand-by power. No kind of overloads is permissible for this use.

CONTINUOUS POWER: Contact the FPT sales organization.

Legend

Arrangement Air Handling Injection System Emission Standard

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE WWW.FPTINDUSTRIAL.COM

L (in line)
V (90° "V" configuration)

TAA (Turbocharged with aftercooler)
TC (Turbocharged)
NA (Naturally Aspirated)

M (Mechanical)
ECR (Electronic Common Rail)
EUI (Electronic Unit Injector)

I-EGR (Internal EGR)

FPT INDUSTRIAL 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

STANDARD CONFIGURATION

OPTIONAL EQUIPMENT

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