

POWER GENERATION Application
CURSOR series

C87 WE1M

192 kW @ 1500 rpm

242 kW @ 1800 rpm

RINa

SPECIFICATIONS

Thermodynamic Cycle	Diesel 4 stroke		
Air Handling	TAA		
Arrangement	6L		
Bore x Stroke (mm)	117 X 135		
Total Displacement (l)	8,7		
Valves per cylinder (n°)	4		
Injection System	D		
Speed governor	-		
Cooling System	water + 50%paraflu 11		
Direction of Rotation (viewed facing flywheel)	CCW		
Oil specifications	ACEA E3/E5		
Oil consumption	< 0,2		
Fuel specifications	EN 590		
Oil and oil filter maintenance interval for replacement [***] (hours)	600		
Specific fuel consumption at:	1500	1800	
- 100% load l/h (g/kWh)	50 (218,7)	64,2 (223)	
- 80% load l/h (g/kWh)	39,2 (229)	51,2 (237)	
- 50% load l/h (g/kWh)	27,4 (239)	36,9 (256,2)	
Coolant capacity: engine only (l)	~ 46		
Lube oil total system capacity including pipes, filters etc. (l)	~ 29		
Electric system (isolated return)	24		
Starting batteries: recommended capacity (Ah)	2x120		
Discharge Current (EN50342) A	800		
Homologation available	-		
Emission Certification	-		

WEIGHT AND DIMENSIONS

Dimensions (LxWxH)	1704 X 820 X 961
Dry Weight	Kg 950

PERFORMANCE

Ratings	1500 rpm		1800 rpm	
	PRIME	STAND-BY	PRIME	STAND-BY
Rated Power kWm	-	192	-	242

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	Turbocharger	InjectionSystem	Emission Standard
L (in line) V (90° "V" configuration)	TAA (Turbocharged with aftercooler) TC (Turbocharged) NA (Naturally Aspirated)	WG (Wastegate) VGT (Variable Geometry Turbocharger) TST (Twin Stage Turbocharge)	M (Mechanical) ECR (Electronic Common Rail) EUI (Electronic Unit Injector)	I-EGR (Internal EGR)

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

STANDARD CONFIGURATION

FPT engine C87 WE1M equipped with:

- Double water circuit with water/water heat exchanger and air/water intercooler
- Oil drain pump
- Mounted air filter
- Fuel filter
- Primary fuel filter/water separator
- Replaceable oil filter
- Electronic speed governor
- WT, OP, HWT and LOP sensors
- Front engine mounting brackets
- Flywheel housing SAE 3 and flywheel 11" ½
- Re-directable exhaust gas elbow
- Exhaust gas flexible joint
- Recircled oil breather system
- Oil dipstick
- 24Vdc electrical system - isolated return
- User's handbook

THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

OPTIONAL EQUIPMENT

On request the engine can be supplied with:

- 230 Volt water jacket heater
- Engine wiring loom and box connections
- Instrument panel
- RINa electric system

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