## **TECHNICAL DATASHEET F 400 B**



## F 400 B





## POWERFULL "B"

For illustrative purposes only

ENGINE Description

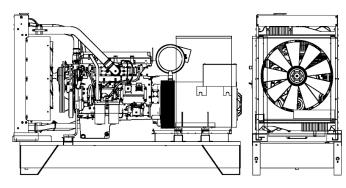
Engine model

Cubic capacity

Standard voltage

Cylinders RPM speed

Air intake



FPT IVECO

Turbocharged

C13TE3A 6

1800

12.90 I

24 Vdc

MAIN DATA	
Continuous power (PRP)	420.00 kVA
Continuous power (PRP)	336.00 kW
Emergency power (E.P.)	462.00 kVA
Emergency power (E.P.)	369.60 kW
VAC - HZ - cos(fi)	220 - 60 - 0.8

## **DIMENSIONS AND WEIGHT**

1270	mm
3120	mm
1950	mm
3270	kg
	1270 3120 1950 3270

ALTERNATOR		
Description	STAMFORD	
Alternator model	S4L1D-F	
P.R.P. Power	500.0	kVA
E.P. Power	550.0	kVA
Connection	Parallel star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %
BASEFRAME		
Model	Т3	
Standard tank	900	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 25	

114.0 mm Silencer outlet diameter

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%. atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound bisortional. Fuel consumption is nonlinear and release to specific weight operations, so the power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance. **P.R.P. Prime Power-Continuous power at variable load:** The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer. **E.P.** - **Emergency power**: This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.

Optional voltage		Vdc
Sae	1-14	
BMEP	1976	kPa
Cooling	Water	
Flywheel P.R.P. Power net	360.0	kW
Flywheel E.P. Power net	398.0	kW
Fuel Cons. at 100% (E.P.)	108.7	l/h
Fuel Cons. at 100% (P.R.P)	98.1	l/h
Fuel Cons. at 75% (P.R.P.)	77.3	l/h
Fuel Cons. at 50% (P.R.P.)	55.0	l/h
Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	35.0	I
Engine Antifreeze capacity	19.5	I
Radiator type	TR	
Heat from radiator	170.0	kW
Heat from exhaust	328.3	kW
Heat from radiation	17.4	kW
Exhaust temperature	450	°C
Portata Raffreddamento	510.0	m³/min
Combustion air flow	32.9	m³/min
Exhaust gas flow	85.5	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

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