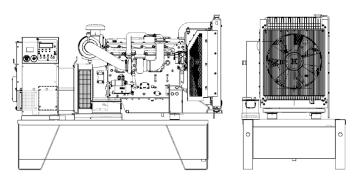


## P 151 B





## **POWERFULL "B"**



Stage

For illustrative purposes only		
ENGINE		
Description	PERKINS	
Engine model	1106A-70TAG2	
Cylinders	6	
RPM speed	1800	
Cubic capacity	7.01	I
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11½	
BMEP	1478	kPa
Cooling	Water	
Flywheel P.R.P. Power net	147.4	kW
Flywheel E.P. Power net	163.8	kW
Fuel Cons. at 100% (E.P.)	41.7	l/h
Fuel Cons. at 100% (P.R.P)	38.2	l/h
Fuel Cons. at 75% (P.R.P.)	29.1	l/h
Fuel Cons. at 50% (P.R.P.)	19.1	l/h
Fuel Cons. at 25% (P.R.P.)	11.0	l/h
Electronic regulator	On request	
Precision class	G2	
Oil quantity	16.5	I
Engine Antifreeze capacity	9.5	1
Radiator type	TR	
Heat from radiator	112.7	kW
Heat from exhaust	120.6	kW
Heat from radiation	12.3	kW
Exhaust temperature	407	°C
Portata Raffreddamento	245.0	m³/min
Combustion air flow	15.0	m³/min
Exhaust gas flow	32.3	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	

MAIN DATA	
Continuous power (PRP)	<b>170.00</b> kVA
Continuous power (PRP)	<b>136.00</b> kW
Emergency power (E.P.)	<b>187.00</b> kVA
Emergency power (E.P.)	<b>149.60</b> kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

DIMENSIONS AND WEIGHT		
Width	1090	mm
Length	2340	mm
Height	1730	mm
Weight	1630	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECO38-1SN/4	
P.R.P. Power	210.0	kVA
E.P. Power	225.0	kVA
Connection	Parallel star	
Phases	3FN	
Winding	12STD	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DSR	
Precision	1.0	± %

BASEFRAME	
Model	T2
Standard tank	520 I
Optional tank	0
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 20	
Silencer outlet diameter	89.0 mr	n

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 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 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.

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.