



POWERFULL "B"



For illustrative purposes only

ENGINE

Engine brand	PERKINS
Engine model	2206C-E13TAG3
Cylinders	6
Speed	1500 r.p.m.
Cubic capacity	12.50 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	1-14
BMEP	2345 kPa
Cooling	Water
Flywheel P.R.P. Power	348.9 kW
Flywheel Stand-by Power	392.3 kW
Fuel Cons. at 100% (L.T.P.)	94.0 l/h
Fuel Cons. at 100% (P.R.P.)	85.0 l/h
Fuel Cons. at 75% (P.R.P.)	65.0 l/h
Fuel Cons. at 50% (P.R.P.)	46.0 l/h
Fuel Cons. at 25% (P.R.P.)	0.0 l/h
Electronic regulator	Standard
Precision class	G2
Oil quantity	40.0 l
Engine Antifreeze capacity	0.0 l
Radiator type	Tropical
Heat from radiator	127.5 kW
Heat from exhaust	285.1 kW
Heat from radiation	36.8 kW
Exhaust temperature	630 °C
Cooling air flow	661.00 m ³ /min
Combustion air flow	26.70 m ³ /min
Exhaust gas flow	72.00 m ³ /min
TA Luft	Standard
TA Luft/2	Standard
EPA	Not available
Stage	Stage 2

MAIN DATA

Continuous power (PRP)	400.0 (kVA)
Continuous power (PRP)	320.0 (kW)
Stand-by power (LTP)	450.0 (kVA)
Stand-by power (LTP)	360.0 (kW)
Voltage • Frequency • Power Factor	380V • 50Hz • 0.8 cosφ
Sound pressure 7 m.	0.0 dBA

DIMENSIONS AND WEIGHT

Width	1250 mm
Length	3250 mm
Height	2200 mm
Weight	3360 kg

ALTERNATOR

Alternator brand	MARELLI
Alternator model	MJB315MA4
P.R.P. Power	410.0 kVA
L.T.P. Power	450.0 kVA
Connection	Series star
Phases	3PH+N
Winding	12 terminals 50-60Hz Winding M0
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	M31FA600A
Precision	0.5 ± %

BASEFRAME

Model	T3
Standard tank	900 l
Optional tank	0 l
Oversized tank*	0 l

CANOPY & SILENCER

Canopy model	SENZA COFANO
Silencer model	MS 30
Silencer outlet diameter	140.0 mm

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.

L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

