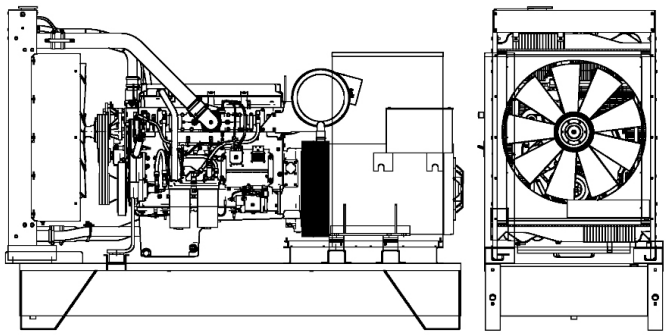
TECHNICAL DATASHEET P 350 B

P 350 B

POWERFULL “B”



For illustrative purposes only

MAIN DATA

Continuous power (PRP)	**400.00**	kVA
Continuous power (PRP)	**320.00**	kW
Stand-by power (LTP)	**438.00**	kVA
Stand-by power (LTP)	**350.40**	kW
VAC - HZ - cos(fi)	**208 - 60 - 0.8**	

DIMENSIONS AND WEIGHT

Width	1220	mm
Length	3150	mm
Height	2200	mm
Weight	3360	kg

ENGINE

Description	PERKINS	
Engine model	2206C-E13TAG2	
Cylinders	6	
RPM speed	1800	
Cubic capacity	12.50	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
BMEP	1984	kPa
Cooling	Water	
Flywheel P.R.P. Power net	348.8	kW
Flywheel Stand-by Power net	381.4	kW
Fuel Cons. at 100% (L.T.P.)	90.0	l/h
Fuel Cons. at 100% (P.R.P)	84.0	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	TR	
Heat from radiator	127.5	kW
Heat from exhaust	250.6	kW
Heat from radiation	36.5	kW
Exhaust temperature	680	°C
Portata Raffreddamento	716.0	m³/min
Combustion air flow	28.1	m³/min
Exhaust gas flow	68.3	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

ALTERNATOR

Description	MECC ALTE	
Alternator model	ECO40-1S/4	
P.R.P. Power	420	kVA
L.T.P. Power	459	kVA
Connection	Parallel star	
Phases	3FN	
Winding	12STD	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DER-1	
Precision	1	± %

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	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.