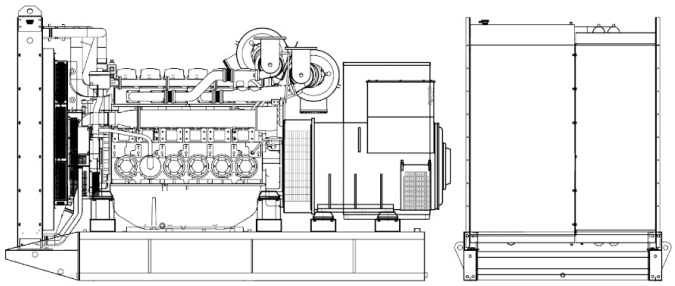
TECHNICAL DATASHEET P 730 B

P 730 B

POWERFULL “B”



For illustrative purposes only

MAIN DATA

Continuous power (PRP)	**750.00**	kVA
Continuous power (PRP)	**600.00**	kW
Stand-by power (LTP)	**825.00**	kVA
Stand-by power (LTP)	**660.00**	kW
VAC - HZ - cos(fi)	**460 - 60 - 0.8**	

DIMENSIONS AND WEIGHT

Width	1890	mm
Length	3860	mm
Height	2300	mm
Weight	6420	kg

ENGINE

Description	PERKINS	
Engine model	4006-23TAG2A	
Cylinders	6	
RPM speed	1800	
Cubic capacity	22.92	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	1977	kPa
Cooling	Water	
Flywheel P.R.P. Power net	638.0	kW
Flywheel Stand-by Power net	702.0	kW
Fuel Cons. at 100% (L.T.P.)	199.0	l/h
Fuel Cons. at 100% (P.R.P)	177.0	l/h
Fuel Cons. at 75% (P.R.P.)	129.0	l/h
Fuel Cons. at 50% (P.R.P.)	90.0	l/h
Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	122.7	l
Engine Antifreeze capacity	51.0	l
Radiator type	TR	
Heat from radiator	498.0	kW
Heat from exhaust	695.0	kW
Heat from radiation	81.0	kW
Exhaust temperature	430	°C
Portata Raffreddamento	1140.0	m³/min
Combustion air flow	73.0	m³/min
Exhaust gas flow	190.0	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

ALTERNATOR

Description	STAMFORD	
Alternator model	HCI5F	
P.R.P. Power	800	kVA
L.T.P. Power	878	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %

BASEFRAME

Model	T4	
Standard tank	1780	l
Optional tank	0	l
Oversized tank*	0	l

CANOPY & SILENCER

Canopy model	SENZA COFANO	
Silencer model	MS 35	
Silencer outlet diameter	168	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.