TECHNICAL DATASHEET P 21 FOX

P 21 FOX

FOX “FOX”

For illustrative purposes only

MAIN DATA

Continuous power (PRP)	**18.30**	kVA
Continuous power (PRP)	**14.64**	kW
Emergency power (E.P.)	**20.10**	kVA
Emergency power (E.P.)	**16.08**	kW
VAC - HZ - cos(fi)	**380 - 60 - 0.8**	
Sound pressure 7 m.	**69.0**	dBA

ENGINE

Description	PERKINS	
Engine model	404A-22G1	
Cylinders	4	
RPM speed	1800	
Cubic capacity	2.22	l
Air intake	Aspirated	
Standard voltage	12	Vdc
Optional voltage		Vdc
Sae	4-7½	
BMEP	658	kPa
Cooling	Water	
Flywheel P.R.P. Power net	21.6	kW
Flywheel E.P. Power net	23.9	kW
Fuel Cons. at 100% (E.P.)	7.3	l/h
Fuel Cons. at 100% (P.R.P)	6.4	l/h
Fuel Cons. at 75% (P.R.P.)	4.8	l/h
Fuel Cons. at 50% (P.R.P.)	3.5	l/h
Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Electronic regulator	On request	
Precision class	G2	
Oil quantity	10.6	l
Engine Antifreeze capacity	3.6	l
Radiator type	TR	
Heat from radiator	19.9	kW
Heat from exhaust	16.6	kW
Heat from radiation	3.8	kW
Exhaust temperature	440	°C
Portata Raffreddamento	39.6	m³/min
Combustion air flow	1.7	m³/min
Exhaust gas flow	4.3	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

DIMENSIONS AND WEIGHT

Width	770	mm
Length	1660	mm
Height	1330	mm
Weight	680	kg

ALTERNATOR

Description	STAMFORD	
Alternator model	S0L2-G	
P.R.P. Power	18.3	kVA
E.P. Power	20.1	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1.0	± %

BASEFRAME

Model	FOX	
Standard tank	50	l
Optional tank	600	l
Oversized tank*	0	l

CANOPY & SILENCER

Canopy model	FOX	
Silencer model	F50/02	
Silencer outlet diameter	50.0	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. **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.