TECHNICAL DATASHEET P 21 FOX



P 21 FOX





FOX "FOX"



For i	Huetrativ	e purposes	only

Description PERKINS Engine model 404J-22G Cylinders 4 RPM speed 1500 Cubic capacity 2.22 Air intake Aspirated Standard voltage 12 Optional voltage Vdc Sae 4-7 BMEP 671 kPa Cooling Water Flywheel P.R.P. Power net 18.5 kW Flywheel Stand-by Power net 20.5 kW Fuel Cons. at 100% (P.R.P.) 5.6 l/h Fuel Cons. at 100% (P.R.P.) 5.6 l/h Fuel Cons. at 75% (P.R.P.) 4.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 10.0 l/h Fuel Cons. at 25% (P.R.P.) 2.2 l/h Fuel Cons. at 25% (P.R.P.) 10.0 l/h Fuel Cons. at 25% (P.R.P.) 10.0 l/h Fuel Cons. at 25% (P.R.P.) 2.0 l/h	ENCINE		
Engine model 404J-22G Cylinders	ENGINE		
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Cubic capacity 2.22 I Air intake Aspirated Standard voltage 12 Vdc Optional voltage Vdc Sae 4-7 Possible BMEP 671 kPa Cooling Water Flywheel P.R.P. Power net 18.5 kW Flywheel Stand-by Power net 20.5 kW Flywheel Stand-by Power net 20.5 kW Fuel Cons. at 100% (L.T.P.) 6.4 I/h Fuel Cons. at 100% (P.R.P.) 5.6 I/h Fuel Cons. at 75% (P.R.P.) 4.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 50% (P.R.P.) 10.0 I/h Fuel Cons. at 50% (P.R.P.) 10.0 I/h	Cylinders	4	
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Fuel Cons. at 100% (P.R.P.) 5.6 l/h Fuel Cons. at 75% (P.R.P.) 4.0 l/h Fuel Cons. at 50% (P.R.P.) 2.2 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Not available Precision class Precision class Oil quantity 10.6 l Engine Antifreeze capacity 3.6 l Radiator type TR Heat from radiator 15.2 kW Heat from exhaust 12.6 kW Heat from radiation 2.9 kW Exhaust temperature 490 °C Portata Raffreddamento 60.0 m³/min Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel Stand-by Power net	20.5	kW
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Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Precision class Oil quantity 10.6 Engine Antifreeze capacity 3.6 Radiator type TR Heat from radiator 15.2 kW Heat from exhaust 12.6 kW Exhaust from radiation 2.9 kW Exhaust temperature 490 °C Portata Raffreddamento 60.0 m³/min Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft N EPA	Fuel Cons. at 100% (P.R.P)	5.6	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Protata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA Not available Not available	Fuel Cons. at 75% (P.R.P.)	4.0	l/h
Electronic regulator Precision class Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow TA Luft TA Luft TA Luft/2 EPA No 10.6 I 10.6 I 8 8 8 10.6 I 8 8 8 8 8 8 8 10.6 I 8 8 8 8 8 8 8 8 8 8 8 8 8	Fuel Cons. at 50% (P.R.P.)	2.2	l/h
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Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA IN IRA IRA IN IRA IN IRA IRA	Electronic regulator	Not available	
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Radiator type Heat from radiator Heat from exhaust Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA TR TB TA W TA TR TB TA TB TA TB TB TA TA TA TA	Oil quantity	10.6	1
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Heat from exhaust 12.6 kW Heat from radiation 2.9 kW Exhaust temperature 490 °C Portata Raffreddamento 60.0 m³/min Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 2.9 kW Exhaust temperature 490 °C Portata Raffreddamento 60.0 m³/min Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	15.2	kW
Exhaust temperature 490 °C Portata Raffreddamento 60.0 m³/min Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	12.6	kW
Portata Raffreddamento 60.0 m³/min Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	2.9	kW
Combustion air flow 2.0 m³/min Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	490	°C
Exhaust gas flow 3.6 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	60.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	2.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	3.6	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage 5	EPA	N	
5	Stage	5	

MAIN DATA	
Continuous power (PRP)	20.00 kVA
Continuous power (PRP)	16.00 kW
Stand-by power (LTP)	22.00 kVA
Stand-by power (LTP)	17.60 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	65 dBA

DIMENSIONS AND WEIGH	Т	
Width	770	mm
Length	1660	mm
Height	1330	mm
Weight	680	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S0L2-G	
P.R.P. Power	20	kVA
L.T.P. Power	22	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1	± %

BASEFRAME	
Model	FOX
Standard tank	50 I
Optional tank	600 I
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	FOX	
Silencer model	F50/02	
Silencer outlet diameter	50	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.

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.