TECHNICAL DATASHEET P 21 FOX



P 21 FOX





FOX "FOX"



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ENGINE Description PERKINS Engine model 404A-22G1 Cylinders 4 RPM speed 1800 Cubic capacity 2.22 Air intake Aspirated Standard voltage 12 Optional voltage Vdc Sae 4-7 BMEP 658 KPa Cooling Water Flywheel P.R.P. Power net 21.6 kW Flywheel Stand-by Power net 23.9 kW Fuel Cons. at 100% (L.T.P.) 7.3 I/h Fuel Cons. at 100% (P.R.P.) 6.4 I/h Fuel Cons. at 55% (P.R.P.) 3.5 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.)	ENCINE		
Engine model 404A-22G1 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 658 kPa Cooling Water Flywheel P.R.P. Power net 21.6 kW Flywheel Stand-by Power net 23.9 kW Fuel Cons. at 100% (L.T.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 Fuel Cons. at 50% (P.R.P.) 0.0 l/h Fuel Cons. at 50% (P.R.P.) 0.0 l/h <th< td=""><td>Cylinders</td><td>4</td><td></td></th<>	Cylinders	4	
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Fuel Cons. at 100% (P.R.P.) 6.4 I/h Fuel Cons. at 75% (P.R.P.) 4.8 I/h Fuel Cons. at 50% (P.R.P.) 3.5 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator On request Precision class G2 Oil quantity 10.6 I Engine Antifreeze capacity 3.6 I 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	Flywheel Stand-by Power net	23.9	kW
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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	Fuel Cons. at 100% (P.R.P)	6.4	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class G2 Oil quantity 10.6 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 Or request On request On request On request On request On request Au On request On request Au On request I au I au	Fuel Cons. at 75% (P.R.P.)	4.8	l/h
Electronic regulator Precision class G2 Oil quantity 10.6 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 Oil quantity 10.6 Radiator type TR Heat from radiator 19.9 KW Heat from radiator 19.9 KW Heat from exhaust 16.6 KW TR TR Heat from radiator 19.9 TR TR Heat from radiator 19.9 TR TR Heat from radiator 19.9 TR TR Heat from radiator	Fuel Cons. at 50% (P.R.P.)	3.5	l/h
Precision class G2 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 TA Luft TA Luft/2 EPA Sequence of C 10.6 I TR Heat from radiator 19.9 kW Heat from exhaust 16.6 kW 4.3 m³/min TA Luft N TA Luft/2 EPA N	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
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 10.6 I 10.9	Electronic regulator	On request	
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 TR Heat TR Heat 19.9 kW Heat 16.6 kW 40°C C C Romanne 16.6 kW 17 17 18 18 18 18 18 18 18 18	Precision class	G2	
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 TA W TA Luft/2 TA Luft/2 TA W TA Luft TA W T	Oil quantity	10.6	1
Heat from radiator Heat from exhaust Heat from exhaust Heat from radiation 3.8 kW Exhaust temperature 440 °C Portata Raffreddamento Combustion air flow 1.7 m³/min Exhaust gas flow 4.3 m³/min TA Luft N TA Luft/2 EPA N	Engine Antifreeze capacity	3.6	I
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 N TA Luft/2 N EPA N	Radiator type	TR	
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	Heat from radiator	19.9	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	Heat from exhaust	16.6	kW
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	Heat from radiation	3.8	kW
Combustion air flow 1.7 m³/min Exhaust gas flow 4.3 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	440	°C
Exhaust gas flow TA Luft N TA Luft/2 EPA N TA Luft/2 N	Portata Raffreddamento	39.6	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	1.7	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	4.3	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	24.00 kVA
Continuous power (PRP)	19.20 kW
Stand-by power (LTP)	26.60 kVA
Stand-by power (LTP)	21.28 kW
VAC - HZ - cos(fi)	220 - 60 - 0.8
Sound pressure 7 m.	69 dBA

DIMENSIONS AND WEIGHT		
Width	770	mm
Length	1660	mm
Height	1350	mm
Weight	730	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECP28 VL4 C	
P.R.P. Power	36 kV	Ά
L.T.P. Power	39.6 kV	Ά
Connection	Parallel star	
Phases	3FN	
Winding	12STD	
Terminal Number	12 nr	
IP Protection	23	
Electronic regulator	DSR	
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.