TECHNICAL DATASHEET P 9 FOX



P 9 FOX





FOX "FOX"



For illustrative purposes only

Engine model PERKINS Engine model 403A-11G1 Cylinders 3 RPM speed 1800 Cubic capacity 1.13 Air intake Aspirated Standard voltage 12 Optional voltage Vdc Sae 5-6½ BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 10.3 kW Flywheel E.P. Power net 11.4 kW Fuel Cons. at 100% (E.P.) 3.8 l/h Fuel Cons. at 100% (P.R.P) 3.1 l/h Fuel Cons. at 50% (P.R.P.) 2.4 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h	ENCINE		
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RPM speed 1800 Cubic capacity 1.13 I Air intake Aspirated Standard voltage Vdc Optional voltage Vdc Sae 5-6½ BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 10.3 kW Flywheel E.P. Power net 11.4 kW Fuel Cons. at 100% (E.P.) 3.8 l/h Fuel Cons. at 100% (P.R.P) 3.1 l/h Fuel Cons. at 50% (P.R.P.) 2.4 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G2 Oil quantity 4.9 l Engine Antifreeze capacity 3.3 l Radiator type TR Heat from radiator 10.2 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N <td>Engine model</td> <td>403A-11G1</td> <td></td>	Engine model	403A-11G1	
Cubic capacity 1.13 I Air intake Aspirated Standard voltage Vdc Optional voltage Vdc Vdc Sae 5-6½ BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 10.3 kW Flywheel E.P. Power net 11.4 kW Fuel Cons. at 100% (E.P.) 3.8 l/h Fuel Cons. at 100% (P.R.P.) 3.1 l/h I/h Fuel Cons. at 75% (P.R.P.) 2.4 l/h I/h Fuel Cons. at 50% (P.R.P.) 1.8 l/h I/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h I/h Electronic regulator On request Precision class G2 Oil quantity 4.9 l Engine Antifreeze capacity 3.3 l I Radiator type TR Heat from radiator 10.2 kW Heat from radiator 10.2 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N <td>Cylinders</td> <td>3</td> <td></td>	Cylinders	3	
Air intake	RPM speed	1800	
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Optional voltage Vdc Sae 5-6½ BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 10.3 kW Flywheel E.P. Power net 11.4 kW Fuel Cons. at 100% (E.P.) 3.8 l/h Fuel Cons. at 100% (P.R.P) 3.1 l/h Fuel Cons. at 75% (P.R.P.) 2.4 l/h Fuel Cons. at 25% (P.R.P.) 1.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G2 Oil quantity 4.9 l Engine Antifreeze capacity 3.3 l Radiator type TR Heat from radiator 10.2 kW Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Air intake	Aspirated	
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Flywheel E.P. Power net 11.4 kW Fuel Cons. at 100% (E.P.) 3.8 l/h Fuel Cons. at 100% (P.R.P) 3.1 l/h Fuel Cons. at 75% (P.R.P.) 2.4 l/h Fuel Cons. at 50% (P.R.P.) 1.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G2 Oil quantity 4.9 l Engine Antifreeze capacity 3.3 l Radiator type TR Heat from radiator 10.2 kW Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Cooling	Water	
Fuel Cons. at 100% (E.P.) 3.8 l/h Fuel Cons. at 100% (P.R.P) 3.1 l/h Fuel Cons. at 75% (P.R.P.) 2.4 l/h Fuel Cons. at 50% (P.R.P.) 1.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G2 Oil quantity 4.9 l Engine Antifreeze capacity 3.3 l Radiator type TR Heat from radiator 10.2 kW Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Flywheel P.R.P. Power net	10.3	kW
Fuel Cons. at 100% (P.R.P) 3.1 l/h Fuel Cons. at 75% (P.R.P.) 2.4 l/h Fuel Cons. at 50% (P.R.P.) 1.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G2 Oil quantity 4.9 l Engine Antifreeze capacity 3.3 l Radiator type TR Heat from radiator 10.2 kW Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Flywheel E.P. Power net	11.4	kW
Fuel Cons. at 75% (P.R.P.) 2.4 I/h Fuel Cons. at 50% (P.R.P.) 1.8 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator On request Precision class G2 Oil quantity 4.9 I Engine Antifreeze capacity 3.3 I Radiator type TR Heat from radiator 10.2 kW Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Fuel Cons. at 100% (E.P.)	3.8	l/h
Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Electronic regulator 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 TA Luft TA Luft/2 N 1.8 I/h	Fuel Cons. at 100% (P.R.P)	3.1	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator On request 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 TA Luft TA Luft/2 N On request On request On request On request Aug Exhaust Aug I Aug	Fuel Cons. at 75% (P.R.P.)	2.4	l/h
Electronic regulator Precision class G2 Oil quantity 4.9 Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft N TA Luft/2 Oil request A.9 CO ROTE A.9 CO A.9	Fuel Cons. at 50% (P.R.P.)	1.8	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 Luft N TA Luft/2 Region Antifreeze capacity A.9 RW H.9 RW RW RW RW RW RW RW RW RW R	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 N TA Luft/2 10.2 kW EW EW EW TA 9 kW EW TA 9 kW TA 9 c TA 9 c TA 9 c TA 10.2 kW TA 9 kW TA 10.2 kW TA 9 kW TA 9 kW TA 10.2 kW TA 9 kW TA 10.2 kW	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 Exhaust gas flow TA Luft N TA Luft/2 3.3 I TR Radiator type TR Heat RW EW 40.2 kW 40.2 kW 40.2 kW 40.2 kW 40.2 kW 40.2 kW 40.3 °C 40.3 °C 40.3 °C 40.3 °C 80.4 m³/min 70.9 m³/min 71.4 Luft N TA Luft/2 N	Precision class	G2	
Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft N TA Luft/2 TR TR TR TR TR TR TR TR TR T	Oil quantity	4.9	1
Heat from radiator Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 7A Luft N TA Luft/2 N	Engine Antifreeze capacity	3.3	1
Heat from exhaust 8.9 kW Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Radiator type	TR	
Heat from radiation 2.6 kW Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Heat from radiator	10.2	kW
Exhaust temperature 437 °C Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Heat from exhaust	8.9	kW
Portata Raffreddamento 35.4 m³/min Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Heat from radiation	2.6	kW
Combustion air flow 0.9 m³/min Exhaust gas flow 2.2 m³/min TA Luft N TA Luft/2 N	Exhaust temperature	437	°C
Exhaust gas flow 7A Luft N TA Luft/2 N	Portata Raffreddamento	35.4	m³/min
TA Luft N TA Luft/2 N	Combustion air flow	0.9	m³/min
TA Luft/2 N	Exhaust gas flow	2.2	m³/min
	TA Luft	N	
EPA N	TA Luft/2	N	
	EPA	N	
Stage N	Stage	N	

MAIN DATA		
Continuous power (PRP)	11.20	kVA
Continuous power (PRP)	8.96	kW
Emergency power (E.P.)	12.40	kVA
Emergency power (E.P.)	9.92	kW
VAC - HZ - cos(fi)	380 - 60 - 0.8	
Sound pressure 7 m.	65.0	dBA

DIMENSIONS AND WEIGHT		
Width	770	mm
Length	1470	mm
Height	1330	mm
Weight	530	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S0L1-L	
P.R.P. Power	11.4	kVA
E.P. Power	12.6	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 I
Optional tank	600 I
Oversized tank*	0

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.

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.