## **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		
Engine model Cylinders 3 RPM speed 1800 Cubic capacity 1.13 Air intake Standard voltage 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.) 1.8 l/h Fuel Cons. at 55% (P.R.P.) Coll quantity Precision class G2 Oil quantity And I serve the ser	ENGINE		
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           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      <		. =	
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         I/h           Fuel Cons. at 100% (P.R.P.)         3.1         I/h         I/h         Fuel Cons. at 50% (P.R.P.)         2.4         I/h           Fuel Cons. at 50% (P.R.P.)         1.8         I/h         I/h <th< td=""><td>Engine model</td><td>403A-11G1</td><td></td></th<>	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       W         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<	Cylinders	3	
Air intake	RPM speed	1800	
Standard voltage         12         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 50% (P.R.P.)         1.8         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h <td>Cubic capacity</td> <td>1.13</td> <td>I</td>	Cubic capacity	1.13	I
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	
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 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	Standard voltage	12	Vdc
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 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	Optional voltage		Vdc
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 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	Sae	5-61/2	
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 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/2         N	BMEP	0	kPa
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  Aug  Exhaust  Aug  Aug  I  Aug  On request  Aug  Aug  I  Aug  I  Aug  On request  Aug  Aug  I  Aug  I  Aug  On request  Aug  I  Aug  I  Aug  I  Aug  On  I  I  I  I  I  I  I  I  I  I  I  I  I	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 quantity  4.9    1.0.2 kW  1.0.2 kW  1.0.2 kW  1.0.2 kW  1.0.3 kW  1.0.3 kW  1.0.4 kW  1.0.5 kW  1.0.6 kW  2.1 kW  2.2 kW  2.2 kW  2.2 kW  2.3 kW  2.3 kW  2.4 kW  2.5 kW  2.7 kW  2.8 kW  3.8 kW  4.9 kW  4.0 k	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  Heat from radiation  2.6  RW  Exhaust temperature  437  C  Portata Raffreddamento  35.4  M³/min  N  TA Luft/2  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  N  TA Luft/2  10.2 kW  EW  EW  EW  TA 9 kW  EW  TA 9 kW  TA 9 c  TA 1 c  TA	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  40.3 °C  40.3 °C  40.3 °C  80.4 m³/min  40.9 m³/min  80.9 m³/min  70.4 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)	208 - 60 - 0.8	
Sound pressure 7 m.	65.0	dBA

DIMENSIONS AND WEIGHT		
Width	770	mm
Length	1470	mm
Height	1330	mm
Weight	510	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECP3 1L4	
P.R.P. Power	12.0	kVA
E.P. Power	12.9	kVA
Connection	Parallel star	
Phases	3FN	
Winding	12STD	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DSR	
Precision	1.0	± %

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	50.0 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.