

TECHNICAL DATASHEET / FOX-P 14 FOX

24 HOUR SERVICE 7000 4994

Performance

Continuous power (PRP)	13.1	(KVA)
Continuous power (PRP)	10.5	(KW)
Stand-by power (LTP)	14.5	(KVA)
Stand-by power (LTP)	11.6	(KW)
Power factor	0.8	

VOLTAGE		
Frequency (Hz)	50	Hz
Voltage (V)	230	٧

DIMENSIONS AND NOISE LEVEL		
Width	770	mm
Length	1660	mm
Height	1330	mm
Weight	675	kg
Sound pressure 7 m.	63.0	dBA

DATA REFERENCES

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 ISO 8528-1. 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.

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STRONG POINTS

- Industrial diesel engine in genset version with certificate of origin.
- 2. Industrial brushless alternator with AVR.
- 3. Steel baseframe with retention basin and modular steel fuel tank with level sensor.
- 4. Soundproof canopy in galvanized, power coated sheet steel.
- 5. Soundproofing material made of high attenuation polyester fibre.
- 6. Internal exhaust silencer with insulated manifold.
- 7. Electrical panel mounted on board the unit with digital control device installed in metal box.
- 8. Compact for easy handling and use.
- 9. Test report, manuals and electrical drawings supplied.
- 10. World wide after sales service and technical support.

Further details on the technical data sheet

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Engine

Engine model 403A-1561 Cylinders 3 nr. Speed 1500 r.p.m. Cubic capacity 1.500 cm² Air intake Aspirated Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 650 kPa Cooling Water	Engine brand	PERKINS	PERKINS	
Speed 1500	Engine model	403A-15G1	403A-15G1	
Cubic capacity 1.500 cm² Air intake Aspirated Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 650 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power Flywheel P.R.P. Power 12.2 kW Flywheel Stand-by Power 13.5 kW Fuel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) 3.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Fuel Cons. at 25% (P.R.P.) 2.1 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS 6 l Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from radiation 3.2 kW EXHAUST DATA EXHAUST DATA	Cylinders	3	nr.	
Air intake Aspirated Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 650 kPa Cooling Water Water EMBEP 650 kPa Cooling Water Water EMBEP 650 kPa Cooling Water ENGINE POWER ENGINE POWER Water W	Speed	1500	r.p.m.	
Standard voltage	Cubic capacity	1.500	cm ³	
Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 650 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 12.2 kW Flywheel Stand-by Power 13.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 4.1 l/h Fuel Cons. at 75% (P.R.P.) 3.7 l/h Fuel Cons. at 75% (P.R.P.) 2.8 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS 0il quantity Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow <td>Air intake</td> <td>Aspirated</td> <td></td>	Air intake	Aspirated		
Sae 4-7 1/2 BMEP 650 kPa Cooling Water ENGINE POWER Water Flywheel P.R.P. Power 12.2 kW Flywheel Stand-by Power 13.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 4.1 l/h Fuel Cons. at 100% (P.R.P) 3.7 l/h Fuel Cons. at 55% (P.R.P.) 2.8 l/h Fuel Cons. at 25% (P.R.P.) 2.1 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS 0il quantity 0il quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Standard voltage	12 Vdc	Vdc	
BMEP 650 kPa Cooling Water ENGINE POWER Water Flywheel P.R.P. Power 12.2 kW Flywheel Stand-by Power 13.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 4.1 l/h Fuel Cons. at 100% (P.R.P.) 2.8 l/h Fuel Cons. at 55% (P.R.P.) 2.1 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS 0it quantity 0it quantity 6 t Antifreeze quantity 2.6 t Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Optional voltage	Vdc	Vdc	
ENGINE POWER Flywheel P.R.P. Power 12.2 kW Flywheel Stand-by Power 13.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 4.1 l/h Fuel Cons. at 100% (P.R.P) 3.7 l/h Fuel Cons. at 50% (P.R.P.) 2.8 l/h Fuel Cons. at 50% (P.R.P.) 2.1 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 61 Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Sae	4-7 1/2		
ENGINE POWER Flywheel P.R.P. Power Flywheel Stand-by Power 13.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class	ВМЕР	650	kPa	
Flywheel P.R.P. Power 12.2 kW	Cooling	Water		
Flywheel Stand-by Power 13.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 4.1 l/h Fuel Cons. at 100% (P.R.P) 3.7 l/h Fuel Cons. at 50% (P.R.P.) 2.8 l/h Fuel Cons. at 25% (P.R.P.) 2.1 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from radiator 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	ENGINE POWER			
FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 4.1 l/h Fuel Cons. at 100% (P.R.P) 3.7 l/h Fuel Cons. at 75% (P.R.P.) 2.8 l/h Fuel Cons. at 50% (P.R.P.) 2.1 l/h Fuel Cons. at 25% (P.R.P.) 1.3 l/h SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 61 Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Flywheel P.R.P. Power	12.2	kW	
Fuel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation SEXHAUST DATA Exhaust temperature 445 °C Cooling air flow Combustion air flow 1.10 m³/min	Flywheel Stand-by Power	13.5	kW	
Fuel Cons. at 100% (P.R.P) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Antifreeze quantity Eleat from radiator Heat from radiator Heat from radiator Heat from radiator 11.6 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature Cooling air flow Combustion air flow 1.10 m³/min	FUEL CONSUMPTION			
Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation SAW EXHAUST DATA Exhaust temperature Cooling air flow Combustion air flow 1.10 m³/min	Fuel Cons. at 100% (L.T.P.)	4.1 1	4.1 l/h	
Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation STAND LIQUIDS 11.6 kW Heat from radiator 11.6 kW Heat from exhaust 9.3 kW EXHAUST DATA Exhaust temperature Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Fuel Cons. at 100% (P.R.P)	3.7 1	/h	
Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation 5.2 kW EXHAUST DATA Exhaust temperature Cooling air flow Combustion air flow 1.10 m³/min	Fuel Cons. at 75% (P.R.P.)	2.8 1	2.8 l/h	
SPEED REGULATION Electronic regulator Not available Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Fuel Cons. at 50% (P.R.P.)	2.1 1	/h	
Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Fuel Cons. at 25% (P.R.P.)	1.3 l/h		
Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 61 Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	SPEED REGULATION			
ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Electronic regulator	Not a	available	
Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow Combustion air flow 1.10 m³/min	Precision class	-		
Antifreeze quantity Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow Combustion air flow 2.6 l 11.6 kW 9.3 kW 445 °C 25.20 m³/min 1.10 m³/min	ENGINE DIMENSIONS AND LIQUIDS			
Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Oil quantity	61		
HEAT FROM ENGINE Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Antifreeze quantity	2.6 l	2.6 l	
Heat from radiator 11.6 kW Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Radiator standard	IM50	IM50	
Heat from exhaust 9.3 kW Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	HEAT FROM ENGINE			
Heat from radiation 3.2 kW EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Heat from radiator	11.6	11.6 kW	
EXHAUST DATA Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Heat from exhaust	9.3 k	9.3 kW	
Exhaust temperature 445 °C Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	Heat from radiation	3.2 kW		
Cooling air flow 25.20 m³/min Combustion air flow 1.10 m³/min	EXHAUST DATA			
Combustion air flow 1.10 m³/min	Exhaust temperature	445	445 °C	
	Cooling air flow	25.2	25.20 m ³ /min	
Exhaust gas flow 2.70 m³/min	Combustion air flow	1.10 m ³ /min		
	Exhaust gas flow	2.70 m³/min		

EMISSIONS	
TA Luft	Not available
TA Luft/2	Not available
EPA	Not available
Stage	Not available

Alternator

Alternator brand	STAMFORD	
Alternator model	P1044D	
PRP Power	13.6 kVA	
LTP Power	15.0 kVA	

ALTERNATOR WIRINGS	
Connection	Series single phase
Phases	One phase
Winding	4 terminals Winding 05
Terminal Number	12 nr.

ALTERNATOR PROTECTION		
IP Protection	23	

VOLTAGE REGULATOR	
Electronic regulator	AS480
Precision	1.0 ±%

Baseframe

Model	FOX
Capacity	55 l

Canopy & Silencer

Canopy model	FOX
Silencer model	MSR/a 35
Silencer outlet diameter	45.0 mm

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