

TECHNICAL DATASHEET / FOX-P 15 FOX

24 HOUR SERVICE 7000 4994

Performance

Continuous power (PRP)	15.0	(KVA)
Continuous power (PRP)	12.0	(KW)
Stand-by power (LTP)	16.5	(KVA)
Stand-by power (LTP)	13.2	(KW)
Power factor	0.8	

VOLTAGE		
Frequency (Hz)	50	Hz
Voltage (V)	400	٧

DIMENSIONS AND NOISE LEVEL		
Width	770	mm
Length	1660	mm
Height	1330	mm
Weight	650	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.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Psilos Services reserves the right to revise the information without notice per our policy of continuous product development and improvement.



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-1562 Cylinders 3 nr. Speed 1500 r.p.m. Cubic capacity 1.500 cm³ Air intake Aspirated Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 746 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 14.0 kW Flywheel Stand-by Power 15.4 kW FUEL CONS. at 100% (L.T.P.) 5.0 l/h Fuel Cons. at 100% (P.R.P) 4.3 l/h Fuel Cons. at 50% (P.R.P.) 3.1 l/h Fuel Cons. at 50% (P.R.P.) 1.5 l/h SPEED REGULATION Electronic regulator On request Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 61 Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Exhaust gas flow 2.20 m³/mini	Engine brand	PERKINS		
Speed 1500	Engine model	403A-15G2		
Cubic capacity 1.500 cm³ Air intake Aspirated Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 746 kPa Cooling Water ENGINE POWER Value Flywheel P.R.P. Power 14.0 kW Flywheel Stand-by Power 15.4 kW Fuel Cons. at 100% (L.T.P.) 5.0 l/h Fuel Cons. at 100% (P.R.P) 4.3 l/h Fuel Cons. at 25% (P.R.P.) 3.1 l/h Fuel Cons. at 25% (P.R.P.) 2.2 l/h Fuel Cons. at 25% (P.R.P.) 1.5 l/h SPEED REGULATION Electronic regulator On request 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 14.6 kW Heat from radiation 4.0 kW EXHAUST DATA EXHAUST DATA EXHAUST	Cylinders	3	nr.	
Air intake Aspirated Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 746 kPa Cooling Water Water EMBEP 746 kPa Cooling Water Water EMBEP 746 kPa Cooling Water ENGINE POWER FURTHER POWER Water Water EMBEP 746 kPa Cooling kW Water EMBED POWER Cooling Line Power LRW LRW <t< td=""><td>Speed</td><td>1500</td><td>r.p.m.</td></t<>	Speed	1500	r.p.m.	
Standard voltage	Cubic capacity	1.500	cm³	
Optional voltage Vdc Vdc Sae 4-7 1/2 BMEP 746 kPa Cooling Water ENGINE POWER Vdc Flywheel P.R.P. Power 14.0 kW Flywheel Stand-by Power 15.4 kW Fuel Cons. at 100% (LT.P.) Fuel Cons. at 100% (LT.P.) 5.0 l/h Fuel Cons. at 100% (P.R.P) 4.3 l/h Fuel Cons. at 75% (P.R.P.) 3.1 l/h Fuel Cons. at 25% (P.R.P.) 1.5 l/h SPEED REGULATION Electronic regulator On request Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Air intake	Aspirated		
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BMEP 746 kPa Cooling Water ENGINE POWER Water Flywheel P.R.P. Power 14.0 kW Flywheel Stand-by Power 15.4 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 5.0 l/h Fuel Cons. at 100% (P.R.P.) 4.3 l/h Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) 2.2 l/h Fuel Cons. at 25% (P.R.P.) 1.5 l/h SPEED REGULATION Electronic regulator On request Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 Heat from radiator 14.6 kW Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Optional voltage	Vdc	Vdc	
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ENGINE POWER Flywheel P.R.P. Power Flywheel Stand-by Power 15.4 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	746	kPa	
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Flywheel Stand-by Power 15.4 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 5.0 l/h Fuel Cons. at 100% (P.R.P) 4.3 l/h Fuel Cons. at 50% (P.R.P.) 3.1 l/h Fuel Cons. at 55% (P.R.P.) 2.2 l/h Fuel Cons. at 25% (P.R.P.) 1.5 l/h SPEED REGULATION Electronic regulator 0n request Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	ENGINE POWER			
FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 5.0 I/h Fuel Cons. at 100% (P.R.P) 4.3 I/h Fuel Cons. at 75% (P.R.P.) 3.1 I/h Fuel Cons. at 50% (P.R.P.) 2.2 I/h Fuel Cons. at 25% (P.R.P.) 1.5 I/h SPEED REGULATION Electronic regulator On request Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 61 Antifreeze quantity 2.6 1 Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Flywheel P.R.P. Power	14.0	kW	
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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.) 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 IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	FUEL CONSUMPTION			
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Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 1 Antifreeze quantity Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Fuel Cons. at 75% (P.R.P.)	3.1 //	3.1 l/h	
SPEED REGULATION Electronic regulator On request Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 61 Antifreeze quantity 2.61 Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Fuel Cons. at 50% (P.R.P.)	2.2 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 14.6 kW Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Fuel Cons. at 25% (P.R.P.)	1.5 l/	1.5 l/h	
Precision class - ENGINE DIMENSIONS AND LIQUIDS Oil quantity 6 l Antifreeze quantity 2.6 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	SPEED REGULATION			
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Antifreeze quantity Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation 11.6 kW Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	ENGINE DIMENSIONS AND LIQUIDS			
Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 14.6 kW Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Oil quantity	6 l		
HEAT FROM ENGINE Heat from radiator Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Antifreeze quantity	2.6 l	2.6 l	
Heat from radiator 14.6 kW Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Radiator standard	IM50	IM50	
Heat from exhaust 11.6 kW Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	HEAT FROM ENGINE			
Heat from radiation 4.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Heat from radiator	14.6	14.6 kW	
EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Heat from exhaust	11.6	11.6 kW	
Exhaust temperature 580 °C Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	Heat from radiation	4.0 kW		
Cooling air flow 0.0 m³/min Combustion air flow 1.00 m³/min	EXHAUST DATA			
Combustion air flow 1.00 m³/min	Exhaust temperature	580 °	C	
	Cooling air flow	0.0 m	0.0 m ³ /min	
Exhaust gas flow 2.20 m³/min	Combustion air flow	1.00	1.00 m ³ /min	
	Exhaust gas flow	2.20 m³/min		

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

Alternator

Alternator brand	STAMFORD
Alternator model	S0L1-P
PRP Power	15.0 kVA
LTP Power	16.5 kVA

ALTERNATOR WIRINGS	
Connection	Series star
Phases	Three phases with neutral
Winding	12 terminals 50-60Hz Winding 311
Terminal Number	12 nr

ALTERNATOR PROTECTION	
IP Protection	23

VOLTAGE REGULATOR	
Electronic regulator	AS480
Precision	1.0 ±%

Baseframe

Model	FOX
Capacity	50 l

Canopy & Silencer

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

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