TECHNICAL DATASHEET P 30 FOX



P 30 FOX





BIG FOX "FOX"



For	illustr	ative	purposes	only

Engine model PERKINS Engine model 1103A-33G Cylinders 3 RPM speed 1500 Cubic capacity 3.30 l Air intake Aspirated Standard voltage Vdc Optional voltage Vdc Sae 3-11 BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (P.R.P.) 7.1 l/h Fuel Cons. at 100% (P.R.P.) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Porta	ENCINE		
Engine model 1103A-33G Cylinders 3 RPM speed 1500 Cubic capacity 3.30 Air intake Aspirated Standard voltage 12 Optional voltage Vdc Sae 3-11 BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 55% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Fuel Cons. at 25% (P.R.P.) 2.5	ENGINE		
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RPM speed 1500 Cubic capacity 3.30 Air intake Aspirated Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11 BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 55% (P.R.P.) 5.4 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Engine model	1103A-33G	
Cubic capacity 3.30 Air intake Aspirated Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11 BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Cylinders	3	
Air intake Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11 BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 3.9 l/h Fuel Cons. at 50% (P.R.P.) 7.1 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	RPM speed	1500	
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Optional voltage Vdc Sae 3-11 BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Air intake	Aspirated	
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Flywheel P.R.P. Power net 27.7 kW Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	BMEP	684	kPa
Flywheel Stand-by Power net 30.4 kW Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Cooling	Water	
Fuel Cons. at 100% (L.T.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Flywheel P.R.P. Power net	27.7	kW
Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (P.R.P.) 5.4 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 25% (P.R.P.) 2.5 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Flywheel Stand-by Power net	30.4	kW
Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class G2 Oil quantity Engine Antifreeze capacity Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow 5.4 I/h 5.4 I/h 7.5 I/h On request Precision class G2 TR Hat I Radiator type TR Heat from radiator 16.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min	Fuel Cons. at 100% (L.T.P.)	7.9	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 Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Precision class G2 Oil quantity TR Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Fuel Cons. at 100% (P.R.P)	7.1	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow 2.5 I/h A.4 I R.5 I/h A.7 I/A B.3 I Engine Antifreeze capacity A.4 I R.6 I/A B.7 I/A B.8 I/A B.9 I/A B	Fuel Cons. at 75% (P.R.P.)	5.4	l/h
Electronic regulatorOn requestPrecision classG2Oil quantity8.3 IEngine Antifreeze capacity4.4 IRadiator typeTRHeat from radiator16.0 kWHeat from exhaust22.0 kWHeat from radiation5.0 kWExhaust temperature500 °CPortata Raffreddamento53.0 m³/minCombustion air flow2.2 m³/min	Fuel Cons. at 50% (P.R.P.)	3.9	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 G2 8.3 I 6.0 kW EXP EXP EXP EXP EXP EXP EXP EX	Fuel Cons. at 25% (P.R.P.)	2.5	l/h
Oil quantity Engine Antifreeze capacity A.4 I Radiator type TR Heat from radiator Heat from exhaust Combustion air flow 16.0 kW 16.0 kW Exhaust 16.0 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 4.4 I Radiator type TR Heat from radiator 16.0 kW Exh Exh 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Precision class	G2	
Radiator typeTRHeat from radiator16.0 kWHeat from exhaust22.0 kWHeat from radiation5.0 kWExhaust temperature500 °CPortata Raffreddamento53.0 m³/minCombustion air flow2.2 m³/min	Oil quantity	8.3	I
Heat from radiator16.0 kWHeat from exhaust22.0 kWHeat from radiation5.0 kWExhaust temperature500 °CPortata Raffreddamento53.0 m³/minCombustion air flow2.2 m³/min	Engine Antifreeze capacity	4.4	I
Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Radiator type	TR	
Heat from radiation 5.0 kW Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Heat from radiator	16.0	kW
Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Heat from exhaust	22.0	kW
Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min	Heat from radiation	5.0	kW
Combustion air flow 2.2 m³/min	Exhaust temperature	500	°C
	Portata Raffreddamento	53.0	m³/min
Exhaust gas flow 5.7 m³/min	Combustion air flow	2.2	m³/min
	Exhaust gas flow	5.7	m³/min
TA Luft N	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage N	Stage	N	

MAIN DATA	
Continuous power (PRP)	30.00 kVA
Continuous power (PRP)	24.00 kW
Stand-by power (LTP)	33.00 kVA
Stand-by power (LTP)	26.40 kW
VAC - HZ - cos(fi)	230 - 50 - 0.8

DIMENSIONS AND WEIGHT		
Width	945	mm
Length	2030	mm
Height	1470	mm
Weight	1100	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S1L2-R	
P.R.P. Power	30	kVA
L.T.P. Power	33	kVA
Connection	Series single phase	
Phases	1F	
Winding	05	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1	± %

BASEFRAME	
Model	FOX
Standard tank	90 I
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	FOX	
Silencer model	F60/00	
Silencer outlet diameter	60	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.