TECHNICAL DATASHEET P 65 FOX



P 65 FOX





BIG FOX "FOX"



For i	llustra	tive	purp	oses	only

Description PERKINS Engine model 1103A-33TG2 Cylinders 3 RPM speed 1500 Cubic capacity 3.30 Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11 BMEP 1333 kPa Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h	ENGINE		
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Cylinders 3 RPM speed 1500 Cubic capacity 3.30 Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11 BMEP 1333 kPa Cooling Water Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P.) 15.9 l/h l/h l/h Fuel Cons. at 50% (P.R.P.) 10.8 l/h l/h l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h l/h I/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h I/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h I/h I/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h I/h			
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Cubic capacity 3.30 I Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11 BMEP 1333 kPa Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft/2	•		
Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11 BMEP 1333 kPa Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft/2 N EPA	RPM speed		
Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11 BMEP 1333 kPa Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h F	Cubic capacity	3.30	I
Optional voltage 24 Vdc Sae 3-11 BMEP 1333 kPa Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h Flectronic regulator On request Precision class G2 Oil quantity 8.3 I Engine Antifreeze capacity 4.4 I I Radiator type TR Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow	Air intake	Turbocharged	
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BMEP 1333 kPa Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Optional voltage	24	Vdc
Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 50% (P.R.P.) 10.8 l/h Fuel Cons. at 55% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 7.6 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 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 EPA N	Sae	3-11	
Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from exhaust 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	BMEP	1333	kPa
Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel P.R.P. Power net	53.8	kW
Fuel Cons. at 100% (P.R.P.) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel Stand-by Power net	59.3	kW
Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 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 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (L.T.P.)	15.9	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 Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature For C Portata Raffreddamento Combustion air flow TA Luft TA Luft TA Luft/2 EPA On request On request On request On request On request A.2 I/h A.2 I/h EN W H.3 I EN TA Luft TA Luft/2 EPA N On request I/h A.2 I/h On request I/h On request On request I/h IN TA Luft N TA Luft N TA Luft/2 N	Fuel Cons. at 100% (P.R.P)	14.6	l/h
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 For tata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft TA Luft/2 EPA On request On page 1 On and and and and and and and and and an	Fuel Cons. at 75% (P.R.P.)	10.8	l/h
Electronic regulator Precision class G2 Oil quantity Engine Antifreeze capacity Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Exhaust gas flow TA Luft TA Luft/2 EPA Oil quantity 8.3 I 8.3 I RA 8.4 I 8.5 C 8.6 A B B B B B B B B B B B B	Fuel Cons. at 50% (P.R.P.)	7.6	l/h
Precision class G2 Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature For C Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft TA Luft/2 EPA Radiator type TR TA Luft Radiator type TR Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Exhaust from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Ton Luft N TA Luft N TA Luft N TA Luft/2 N EPA	Fuel Cons. at 25% (P.R.P.)	4.2	l/h
Oil quantity Engine Antifreeze capacity A.4 I Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Temperature	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 TA Luft/2 EPA TR H.4.4 I R.4.4 I	Precision class	G2	
Radiator type Heat from radiator Heat from exhaust Heat from exhaust Heat from radiation Exhaust temperature 557 °C Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft N TA Luft/2 EPA TR RW HW 41.0 kW 41.0 kW 89.0 m³/min 10.1 m³/min TA Luft N TA Luft N	Oil quantity	8.3	I
Heat from radiator Heat from exhaust Heat from exhaust Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft TA Luft/2 EPA N SW 41.0 kW 89.0 m³/min 10.1 m³/min N TA Luft/2 N N	Engine Antifreeze capacity	4.4	I
Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	35.0	kW
Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	41.0	kW
Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	10.0	kW
Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	557	°C
Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	89.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	3.8	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	10.1	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
	EPA	N	
Stage	Stage	N	

MAIN DATA	
Continuous power (PRP)	60.00 kVA
Continuous power (PRP)	48.00 kW
Stand-by power (LTP)	66.00 kVA
Stand-by power (LTP)	52.80 kW
VAC - HZ - cos(fi)	415 - 50 - 0.8
Sound pressure 7 m.	65 dBA

DIMENSIONS AND WEIGHT	
Width	945 mm
Length	2200 mm
Height	1470 mm
Weight	1120 kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S1L2-Y	
P.R.P. Power	62.5	kVA
L.T.P. Power	68.8	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
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.