TECHNICAL DATASHEET P 30 CK



P 30 CK





CRICKET "CK"



For il	luctrativa	nurnoses	only

Description PERKINS Engine model 1103A-33G Cylinders 3 RPM speed 1500 Cubic capacity 3.30 Air intake Aspirated Standard voltage 12 Optional voltage Vdc Sae 3-11½ BMEP 684 kPa Cooling Water Flywheel P.R.P. Power net 30.4 kW Flywheel E.P. Power net 30.4 kW Fuel Cons. at 100% (P.R.P) 7.9 l/h Fuel Cons. at 50% (P.R.P.) 3.9 l/h Fuel Cons. at 50% (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	ENGINE		
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BMEP 684 kPa Cooling Water Water Flywheel P.R.P. Power net 27.7 kW Flywheel E.P. Power net 30.4 kW Fuel Cons. at 100% (E.P.) 7.9 l/h Fuel Cons. at 100% (P.R.P) 7.1 l/h Fuel Cons. at 75% (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 Electronic regulator On request On request Precision class G2 On request Oil quantity 8.3 I Engine Antifreeze capacity 4.4 I Radiator type TR KW 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 Exhaust gas flow 5.7 m³/min TA Luft N			Vdc
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Fuel Cons. at 100% (E.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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel E.P. Power net	30.4	kW
Fuel Cons. at 75% (P.R.P.) 5.4 I/h Fuel Cons. at 50% (P.R.P.) 3.9 I/h Fuel Cons. at 25% (P.R.P.) 2.5 I/h Electronic regulator On request Precision class G2 Oil quantity 8.3 I Engine Antifreeze capacity 4.4 I 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 Exhaust gas flow 5.7 m³/min TA Luft N N TA Luft/2 N N EPA N N	Fuel Cons. at 100% (E.P.)	7.9	l/h
Fuel Cons. at 50% (P.R.P.) 3.9 I/h Fuel Cons. at 25% (P.R.P.) 2.5 I/h Electronic regulator On request Precision class G2 Coll quantity 8.3 I Engine Antifreeze capacity 4.4 I I Radiator type TR TR Heat from radiator 16.0 kW KW Heat from exhaust 22.0 kW KW Exhaust temperature 500 °C °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min TA Luft N TA Luft N TA Luft/2 N EPA N TA Luft/2	Fuel Cons. at 100% (P.R.P)	7.1	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator On request Precision class G2 Oil quantity Engine Antifreeze capacity Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Fortata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA On request On request I/h A U	Fuel Cons. at 75% (P.R.P.)	5.4	l/h
Electronic regulator On request Precision class G2 Oil quantity 8.3 I Engine Antifreeze capacity 4.4 I Radiator type TR 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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 EPA N TA Luft/2	Fuel Cons. at 50% (P.R.P.)	3.9	l/h
Precision class G2 Oil quantity 8.3 I Engine Antifreeze capacity 4.4 I 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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	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 Exhaust temperature Combustion air flow TA Luft TA Luft/2 EPA Badiator type TR TR Heat from TR TA Luft	Electronic regulator	On request	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 Radiator type TR TR Heat from radiator 16.0 kW EW EXW EXW EXW EXW EXW EXW EX	Precision class	G2	
Radiator type TR Heat from radiator Heat from exhaust 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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 EPA N	Oil quantity	8.3	I
Heat from radiator Heat from radiator 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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	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 Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	16.0	kW
Exhaust temperature 500 °C Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	22.0	kW
Portata Raffreddamento 53.0 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	5.0	kW
Combustion air flow 2.2 m³/min Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	500	°C
Exhaust gas flow 5.7 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	53.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	2.2	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	5.7	m³/min
EPA N	TA Luft	N	
EPA N	TA Luft/2	N	
Stage N		N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	30.00 kVA
Continuous power (PRP)	24.00 kW
Emergency power (E.P.)	33.00 kVA
Emergency power (E.P.)	26.40 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	68.0 dBA

DIMENSIONS AND WEIGHT		
Width	930	mm
Length	2100	mm
Height	1280	mm
Weight	900	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S0L2-P	
P.R.P. Power	30.0	kVA
E.P. Power	33.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1.0	± %

BASEFRAME	
Model	CK20
Standard tank	90 I
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	CK20	
Silencer model	F60/00	
Silencer outlet diameter	60.0	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.