TECHNICAL DATASHEET BD 30 CK



BD 30 CK





CRICKET "CK"



For	illustrative	purposes	only

ENGINE		
Description	BAUDOUIN	
Engine model	4M06G35/5	
Cylinders	41110003373	
RPM speed	1500	
Cubic capacity	2.30	ı
Air intake	Turbocharged	1
Standard voltage	12	Vdc
Optional voltage	12	Vdc
Sae	3-11½	vuc
BMEP	3-1172	kPa
	Water	Kra
Cooling		1.34/
Flywheel P.R.P. Power net	29.5	
Flywheel E.P. Power net	32.5	
Fuel Cons. at 100% (E.P.)	8.5	l/h
Fuel Cons. at 100% (P.R.P)	7.6	l/h
Fuel Cons. at 75% (P.R.P.)	5.4	•
Fuel Cons. at 50% (P.R.P.)	4.1	l/h
Fuel Cons. at 25% (P.R.P.)	2.4	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	11.5	I
Engine Antifreeze capacity	5.0	I
Radiator type	TR	
Heat from radiator	44.1	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	650	°C
Cooling air flow	48.0	m³/min
Combustion air flow	2.0	m³/min
Exhaust gas flow	6.5	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	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.	70.0 dBA

DIMENSIONS AND WEIGHT		
Width	930	mm
Length	2100	mm
Height	1280	mm
Weight	750	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
Optional tank	0 1
Oversized tank*	0

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.