BD 200 SILENT-G

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For illustrative purposes only

ENGINE

Description	BAUDOUIN	
Engine model	6M16G220/5	
Cylinders	6	
RPM speed	1500	
Cubic capacity	9.73	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
BMEP	1645	kPa
Cooling	Water	
Flywheel P.R.P. Power net	171.0	kW
Flywheel E.P. Power net	189.0	kW
Fuel Cons. at 100% (E.P.)	46.3	l/h
Fuel Cons. at 100% (P.R.P)	42.1	l/h
Fuel Cons. at 75% (P.R.P.)	31.6	l/h
Fuel Cons. at 50% (P.R.P.)	21.9	l/h
Fuel Cons. at 25% (P.R.P.)	12.3	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	30.00	l
Engine Antifreeze capacity	22.0	l
Radiator type	TR	
Heat from radiator	259.70	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.00	kW
Exhaust temperature	600	°C
Cooling air flow	0.00	m³/min
Combustion air flow	14.20	m³/min
Exhaust gas flow	38.15	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA

Continuous power (PRP)	**200.00**	kVA
Continuous power (PRP)	**160.00**	kW
Emergency power (E.P.)	**220.00**	kVA
Emergency power (E.P.)	**176.00**	kW
VAC - HZ - cos(fi)	**400 - 50 - 0.8**	
Sound pressure 7 m.	**70.0**	dBA

DIMENSIONS AND WEIGHT

Width	1350	mm
Length	3770	mm
Height	2370	mm
Weight	3100	kg

ALTERNATOR

Description	STAMFORD	
Alternator model	UCI274H	
P.R.P. Power	200.0	kVA
E.P. Power	220.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %

BASEFRAME

Standard tank	500	l
Optional tank	0	l
Oversized tank*	0	l

CANOPY & SILENCER

Silencer model	MSR/a 100	
Silencer outlet diameter	114.0	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. The manufacturer reserves the right to revise the information without notice per our policy of continuous product development and improvement.