TECHNICAL DATASHEET BD 300 GX



BD 300 GX





GALAXY "GX"



For	illustrative	purposes	only

ENGINE Description BAUDOUIN Engine model 6M16G350/5 Cylinders 6 RPM speed 1500 Cubic capacity 9.73 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 2632 kPa Cooling Water Flywheel P.R.P. Power net 306.6 kW Flywheel Stand-by Power net 306.6 kW Fuel Cons. at 100% (L.T.P.) 78.4 l/h Fuel Cons. at 100% (P.R.P) 70.5 l/h Fuel Cons. at 50% (P.R.P.) 52.3 l/h Fuel Cons. at 55% (P.R.P.) 35.4 l/h Fuel Cons. at 25% (P.R.P.) 18.9 l/h Electronic regulator Standard Precision class G3 Oil quantity 30.0 l Engine Antifreeze capacity 20. l Radiator type TR Heat from radiator 481.8 kW Heat from radiation 0.0 kW Exhaust temperat	ENCINE		
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Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Conceptual temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA TR 481.8 kW 481.8 kW 481.8 kW 481.8 kW 680 Conceptual temperature Conceptual temperature Conceptual temperature Society TR 481.8 kW 680 Conceptual temperature Society CC Portata Raffreddamento 450.0 m³/min Society TA Luft N TA Luft N TA Luft N TA Luft/2 EPA	Precision class	G3	
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Portata Raffreddamento 450.0 m³/min Combustion air flow 20.8 m³/min Exhaust gas flow 58.2 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	0.0	kW
Combustion air flow 20.8 m³/min Exhaust gas flow 58.2 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	550	°C
Exhaust gas flow 58.2 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	450.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	20.8	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	58.2	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	320.00 kVA
Continuous power (PRP)	256.00 kW
Stand-by power (LTP)	350.00 kVA
Stand-by power (LTP)	280.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	70 dBA

DIMENSIONS AND WEIGHT	
Width	1350 mm
Length	4270 mm
Height	2370 mm
Weight	3700 kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S4L1D-E
P.R.P. Power	360 kVA
L.T.P. Power	415 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

BASEFRAME	
Model	GV121
Standard tank	500 I
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	GV121/00/1	
Silencer model	MSR/a 100	
Silencer outlet diameter	114	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.