TECHNICAL DATASHEET DS 300 GX



DS 300 GX





GALAXY "GX"



For	illusti	rative	purposes	only

Description HYUNDAI(DOOSAN) Engine model P126TI-II Cylinders 6 RPM speed 1800 Cubic capacity 11.05 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 1850 kPa Cooling Water Water 1850 kPa Cooling Water Water 1850 kW Fill yell yell yell yell yell yell yell y	ENGINE		
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Fuel Cons. at 50% (P.R.P.) 37.0 l/h Fuel Cons. at 25% (P.R.P.) 20.6 l/h Electronic regulator Standard Precision class G3 Oil quantity 26.0 l Engine Antifreeze capacity 19.0 l Radiator type TE Heat from radiator 203.4 kW Heat from exhaust 288.0 kW Heat from radiation 41.0 kW Exhaust temperature 580 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.2 m³/min Exhaust gas flow 64.2 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	73.8	l/h
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Electronic regulator Precision class G3 Oil quantity 26.0 I Engine Antifreeze capacity 19.0 I Radiator type TE Heat from radiator Heat from exhaust Heat from radiation Heat from radiation 41.0 kW Exhaust temperature 580 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.2 m³/min Exhaust gas flow TA Luft TA Luft/2 N EPA N	Fuel Cons. at 50% (P.R.P.)	37.0	l/h
Precision class Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA O 19.0 I 19.0 I 28.0 KW H9.0 Exhaust tww Exhaust temperature S80 C C Ou m³/min Exhaust gas flow 64.2 M I Luft/2 EPA N	Fuel Cons. at 25% (P.R.P.)	20.6	l/h
Oil quantity 26.0 Engine Antifreeze capacity 19.0 Radiator type TE	Electronic regulator	Standard	
Engine Antifreeze capacity Radiator type TE 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 IN ITA ITA	Precision class	G3	
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Heat from radiation 41.0 kW Exhaust temperature 580 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.2 m³/min Exhaust gas flow 64.2 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	203.4	kW
Exhaust temperature 580 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.2 m³/min Exhaust gas flow 64.2 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	288.0	kW
Portata Raffreddamento 0.0 m³/min Combustion air flow 28.2 m³/min Exhaust gas flow 64.2 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	41.0	kW
Combustion air flow 28.2 m³/min Exhaust gas flow 64.2 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	580	°C
Exhaust gas flow 64.2 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	0.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	28.2	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	64.2	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage N	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	350.00 kVA
Continuous power (PRP)	280.00 kW
Emergency power (E.P.)	380.00 kVA
Emergency power (E.P.)	304.00 kW
VAC - HZ - cos(fi)	380 - 60 - 0.8
Sound pressure 7 m.	75.0 dBA

DIMENSIONS AND WEIGHT		
Width	1350	mm
Length	4270	mm
Height	2370	mm
Weight	3600	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S4L1D-E
P.R.P. Power	350.0 kVA
E.P. Power	380.0 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

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

CANOPY & SILENCER		
Canopy model	GV121/00/1	
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. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.