TECHNICAL DATASHEET V 380 GX



V 380 GX





GALAXY "GX"



For illustrative	purposes	only
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Description VOLVO-PENTA Engine model TAD1343GE-B Cylinders 6 RPM speed 1800 Cubic capacity 12.78 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 1900 kPa Cooling Water Flywheel P.R.P. Power net 353.0 kW Flywheel E.P. Power net 388.0 kW Fuel Cons. at 100% (E.P.) 92.8 l/h Fuel Cons. at 100% (P.R.P) 84.0 l/h Fuel Cons. at 50% (P.R.P.) 63.0 l/h Fuel Cons. at 25% (P.R.P.) 24.8 l/h Fuel Cons. at 25% (P.R.P.) 24.8 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N Stage N	ENGINE		
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Fuel Cons. at 100% (P.R.P.) 84.0 l/h Fuel Cons. at 75% (P.R.P.) 63.0 l/h Fuel Cons. at 50% (P.R.P.) 43.3 l/h Fuel Cons. at 25% (P.R.P.) 24.8 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel E.P. Power net	388.0	kW
Fuel Cons. at 75% (P.R.P.) 63.0 l/h Fuel Cons. at 50% (P.R.P.) 43.3 l/h Fuel Cons. at 25% (P.R.P.) 24.8 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (E.P.)	92.8	l/h
Fuel Cons. at 50% (P.R.P.) 43.3 l/h Fuel Cons. at 25% (P.R.P.) 24.8 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	84.0	l/h
Fuel Cons. at 25% (P.R.P.) 24.8 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 75% (P.R.P.)	63.0	l/h
Electronic regulator Precision class G3 Oil quantity 36.0 I Engine Antifreeze capacity 0.0 I Radiator type TR Heat from radiator Heat from exhaust 163.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow TA Luft N TA Luft/2 EPA N	Fuel Cons. at 50% (P.R.P.)	43.3	l/h
Precision class Oil quantity 36.0 Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust 163.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow TA Luft N TA Luft/2 EPA N	Fuel Cons. at 25% (P.R.P.)	24.8	l/h
Oil quantity 36.0 I Engine Antifreeze capacity 0.0 I Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Electronic regulator	Standard	
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Radiator type TR Heat from radiator 163.0 kW Heat from exhaust 263.0 kW Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	36.0	I
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Heat from radiation 22.0 kW Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	163.0	kW
Exhaust temperature 446 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	263.0	kW
Portata Raffreddamento 0.0 m³/min Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	22.0	kW
Combustion air flow 28.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	446	°C
Exhaust gas flow 0.0 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	28.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	0.0	m³/min
EPA N	TA Luft	N	
EPA N	TA Luft/2	N	
Stage N		N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	410.00 kVA
Continuous power (PRP)	328.00 kW
Emergency power (E.P.)	451.00 kVA
Emergency power (E.P.)	360.80 kW
VAC - HZ - cos(fi)	480 - 60 - 0.8
Sound pressure 7 m.	72.0 dBA

DIMENSIONS AND WEIGHT		
Width	1600	mm
Length	4310	mm
Height	2560	mm
Weight	4610	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S4L1D-E
P.R.P. Power	455.0 kVA
E.P. Power	490.0 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME	
Model	GV151/00/00
Standard tank	800 I
Optional tank	0 1
Oversized tank*	1800 I

CANOPY & SILENCER	
Canopy model	GV151
Silencer model	MSR/a 125
Silencer outlet diameter	140.0 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.