

## V 380 GX





## GALAXY "GX"



For illustrative	purposes	only
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Description VOLVO-PENTA Engine model TAD1343GE-B Cylinders 6 RPM speed 1500 Cubic capacity 12.78 1 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage 24 Vdc Optional voltage 24 Vdc Coling Water Flywheel P.R.P. Power net 325.0 kW Flywheel Stand-by Power net 356.0 kW Fuel Cons. at 100% (L.T.P.) 82.2 l/h Fuel Cons. at 100% (P.R.P) 74.3 l/h Fuel Cons. at 55% (P.R.P.) 56.0 l/h Fuel Cons. at 55% (P.R.P.) 38.7 l/h Fuel Cons. at 55% (P.R.P.) 21.5 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 141.0 kW Heat from radiator 12.0 kW Exhaust temperature 400 °C Portata Raffreddamento 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA Stage 2	ENGINE		
Engine model TAD1343GE-B Cylinders 6 RPM speed 1500 Cubic capacity 12.78   Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 2100 kPa Cooling Water Flywheel P.R.P. Power net 325.0 kW Flywheel Stand-by Power net 356.0 kW Fuel Cons. at 100% (L.T.P.) 82.2 l/h Fuel Cons. at 75% (P.R.P.) 56.0 l/h Fuel Cons. at 55% (P.R.P.) 56.0 l/h Fuel Cons. at 55% (P.R.P.) 38.7 l/h Fuel Cons. at 25% (P.R.P.) 38.7 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 0.0 l Engine Antifreeze capacity 141.0 kW Heat from radiator 141.0 kW Heat from radiator 12.0 kW Exhaust temperature 400 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 26.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N		VOLVO DENTA	
Cylinders         6           RPM speed         1500           Cubic capacity         12.78           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2100         kPa           Cooling         Water         Flywheel P.R.P. Power net         325.0         kW           Flywheel Stand-by Power net         356.0         kW           Fuel Cons. at 100% (P.R.P.)         82.2         l/h           Fuel Cons. at 100% (P.R.P.)         74.3         l/h           Fuel Cons. at 55% (P.R.P.)         38.7         l/h           Fuel Cons. at 25% (P.R.P.)         38.7         l/h           Fuel Cons. at 25			
RPM speed         1500           Cubic capacity         12.78         I           Air intake         Turbocharged         Vdc           Standard voltage         Vdc         Vdc           Sae         1-14         BMEP         2100         kPa           Cooling         Water         Flywheel P.R.P. Power net         325.0         kW           Flywheel P.R.P. Power net         356.0         kW           Flywheel Stand-by Power net         356.0         kW           Fuel Cons. at 100% (L.T.P.)         82.2         l/h           Fuel Cons. at 100% (P.R.P)         74.3         l/h           Fuel Cons. at 55% (P.R.P.)         38.7         l/h           Fuel Cons. at 25% (P.R.P.)         38.7         l/h           Fuel Cons. at 25% (P.R.P.)         31.5         l/h           Fuel Cons. at 25% (P.R.P.)         38.7         l/h           Fuel Cons. at 25% (P.R.P.)         31.5         l/h           Fuel Cons. at 25% (P.R.P.)         32.2         l/h           Fuel Cons.			
Cubic capacity         12.78         I           Air intake         Turbocharged         Standard voltage         Vdc           Optional voltage         Vdc         Vdc           Sae         1-14         Vdc           BMEP         2100         kPa           Cooling         Water         Power net         325.0         kW           Flywheel P.R.P. Power net         356.0         kW           Flywheel Stand-by Power net         356.0         kW           Fuel Cons. at 100% (L.T.P.)         82.2         l/h           Fuel Cons. at 100% (P.R.P.)         74.3         l/h           Fuel Cons. at 55% (P.R.P.)         36.0         l/h           Fuel Cons. at 25% (P.R.P.)         31.5         l/h           Fuel Cons. at 25% (P.R.P.)         32.2         l/h           Fuel Cons. at 25% (	•		
Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2100         kPa           Cooling         Water         Flywheel P.R.P. Power net         325.0         kW           Flywheel Stand-by Power net         356.0         kW           Flywheel Stand-by Power net         356.0         kW           Fuel Cons. at 100% (P.R.P.)         82.2         l/h           Fuel Cons. at 100% (P.R.P.)         74.3         l/h           Fuel Cons. at 50% (P.R.P.)         38.7         l/h           Fuel Cons. at 25% (P.R.P.)         38.7         l/h           Fuel Cons.			
Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         Para Para Para Para Para Para Para Para			I
Optional voltage         Vdc           Sae         1-14           BMEP         2100         kPa           Cooling         Water           Flywheel P.R.P. Power net         325.0         kW           Flywheel Stand-by Power net         356.0         kW           Fuel Cons. at 100% (L.T.P.)         82.2         l/h           Fuel Cons. at 100% (P.R.P)         74.3         l/h           Fuel Cons. at 75% (P.R.P.)         56.0         l/h           Fuel Cons. at 50% (P.R.P.)         38.7         l/h           Fuel Cons. at 25% (P.R.P.)		3	
Sae       1-14         BMEP       2100       kPa         Cooling       Water         Flywheel P.R.P. Power net       325.0       kW         Flywheel Stand-by Power net       356.0       kW         Fuel Cons. at 100% (L.T.P.)       82.2       l/h         Fuel Cons. at 100% (P.R.P)       74.3       l/h         Fuel Cons. at 75% (P.R.P.)       56.0       l/h         Fuel Cons. at 50% (P.R.P.)       38.7       l/h         Fuel Cons. at 25% (P.R.P.)       21.5       l/h         Electronic regulator       Standard       Standard         Precision class       G3       Oil quantity       36.0       I         Engine Antifreeze capacity       0.0       I         Radiator type       TR       Heat from radiator       141.0       kW         Heat from radiation       12.0       kW         Heat from radiation       12.0       kW         Exhaust temperature       400       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       26.0       m³/min         Exhaust gas flow       0.0       m³/min         TA Luft       N         EPA       N <td>J.</td> <td>24</td> <td></td>	J.	24	
BMEP         2100 kPa           Cooling         Water           Flywheel P.R.P. Power net         325.0 kW           Flywheel Stand-by Power net         356.0 kW           Fuel Cons. at 100% (L.T.P.)         82.2 l/h           Fuel Cons. at 100% (P.R.P)         74.3 l/h           Fuel Cons. at 75% (P.R.P.)         56.0 l/h           Fuel Cons. at 50% (P.R.P.)         38.7 l/h           Fuel Cons. at 25% (P.R.P.)         21.5 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         141.0 kW           Heat from exhaust         209.0 kW           Heat from radiation         12.0 kW           Exhaust temperature         400 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         26.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           EPA         N			Vdc
Cooling         Water           Flywheel P.R.P. Power net         325.0 kW           Flywheel Stand-by Power net         356.0 kW           Fuel Cons. at 100% (L.T.P.)         82.2 l/h           Fuel Cons. at 100% (P.R.P)         74.3 l/h           Fuel Cons. at 75% (P.R.P.)         56.0 l/h           Fuel Cons. at 50% (P.R.P.)         38.7 l/h           Fuel Cons. at 25% (P.R.P.)         21.5 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         141.0 kW           Heat from exhaust         209.0 kW           Heat from radiation         12.0 kW           Exhaust temperature         400 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         26.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N		1-14	
Flywheel P.R.P. Power net         325.0 kW           Flywheel Stand-by Power net         356.0 kW           Fuel Cons. at 100% (L.T.P.)         82.2 l/h           Fuel Cons. at 100% (P.R.P)         74.3 l/h           Fuel Cons. at 75% (P.R.P.)         56.0 l/h           Fuel Cons. at 50% (P.R.P.)         38.7 l/h           Fuel Cons. at 25% (P.R.P.)         21.5 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         141.0 kW           Heat from exhaust         209.0 kW           Heat from radiation         12.0 kW           Exhaust temperature         400 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         26.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	ВМЕР	2100	kPa
Flywheel Stand-by Power net         356.0 kW           Fuel Cons. at 100% (L.T.P.)         82.2 l/h           Fuel Cons. at 100% (P.R.P)         74.3 l/h           Fuel Cons. at 75% (P.R.P.)         56.0 l/h           Fuel Cons. at 50% (P.R.P.)         38.7 l/h           Fuel Cons. at 25% (P.R.P.)         21.5 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         141.0 kW           Heat from exhaust         209.0 kW           Heat from radiation         12.0 kW           Exhaust temperature         400 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         26.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       82.2       I/h         Fuel Cons. at 100% (P.R.P)       74.3       I/h         Fuel Cons. at 75% (P.R.P.)       56.0       I/h         Fuel Cons. at 50% (P.R.P.)       38.7       I/h         Fuel Cons. at 25% (P.R.P.)       21.5       I/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       36.0       I         Engine Antifreeze capacity       0.0       I         Radiator type       TR       Heat from radiator       141.0       kW         Heat from exhaust       209.0       kW         Heat from radiation       12.0       kW         Exhaust temperature       400       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       26.0       m³/min         Exhaust gas flow       0.0       m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	325.0	kW
Fuel Cons. at 100% (P.R.P.)       74.3 l/h         Fuel Cons. at 75% (P.R.P.)       56.0 l/h         Fuel Cons. at 50% (P.R.P.)       38.7 l/h         Fuel Cons. at 25% (P.R.P.)       21.5 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       141.0 kW         Heat from exhaust       209.0 kW         Heat from radiation       12.0 kW         Exhaust temperature       400 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       26.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel Stand-by Power net	356.0	kW
Fuel Cons. at 75% (P.R.P.)       56.0 l/h         Fuel Cons. at 50% (P.R.P.)       38.7 l/h         Fuel Cons. at 25% (P.R.P.)       21.5 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       141.0 kW         Heat from exhaust       209.0 kW         Heat from radiation       12.0 kW         Exhaust temperature       400 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       26.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (L.T.P.)	82.2	l/h
Fuel Cons. at 50% (P.R.P.)         38.7         I/h           Fuel Cons. at 25% (P.R.P.)         21.5         I/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         36.0         I           Engine Antifreeze capacity         0.0         I           Radiator type         TR         T           Heat from radiator         141.0         kW           Heat from exhaust         209.0         kW           Heat from radiation         12.0         kW           Exhaust temperature         400         °C           Portata Raffreddamento         0.0         m³/min           Combustion air flow         26.0         m³/min           Exhaust gas flow         0.0         m³/min           TA Luft         N         TA Luft/2           EPA         N         N	Fuel Cons. at 100% (P.R.P)	74.3	l/h
Fuel Cons. at 25% (P.R.P.)         21.5         I/h           Electronic regulator         Standard         Precision class         G3           Oil quantity         36.0         I           Engine Antifreeze capacity         0.0         I           Radiator type         TR         T           Heat from radiator         141.0         kW           Heat from exhaust         209.0         kW           Heat from radiation         12.0         kW           Exhaust temperature         400         °C           Portata Raffreddamento         0.0         m³/min           Combustion air flow         26.0         m³/min           Exhaust gas flow         0.0         m³/min           TA Luft         N         N           EPA         N         N	Fuel Cons. at 75% (P.R.P.)	56.0	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 209.0 kW Heat from radiation 12.0 kW Exhaust temperature 400 °C Portata Raffreddamento 0.0 m³/min Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA N Sendard Standard  AW  BY  BY  BY  BY  BY  BY  BY  BY  BY  B	Fuel Cons. at 50% (P.R.P.)	38.7	l/h
Precision class  Oil quantity  36.0 I  Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  209.0 kW  Heat from radiation  12.0 kW  Exhaust temperature  400 °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  O  0  I  I  0  I  0  I  0  I  0  I  0  I  0  I  0  I  0  I  0  I  0  I  I  0  I  I  I  I  I  I  I  I  I  I  I  I  I	Fuel Cons. at 25% (P.R.P.)	21.5	l/h
Oil quantity         36.0 I           Engine Antifreeze capacity         0.0 I           Radiator type         TR           Heat from radiator         141.0 kW           Heat from exhaust         209.0 kW           Heat from radiation         12.0 kW           Exhaust temperature         400 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         26.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  141.0 kW  Heat from radiation  12.0 kW  Exhaust temperature  400 °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  N  IRA  IRA  IRA  IRA  IRA  IRA  IRA	Precision class	G3	
Radiator type TR Heat from radiator 141.0 kW Heat from exhaust 209.0 kW Heat from radiation 12.0 kW Exhaust temperature 400 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 26.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	36.0	I
Heat from radiator 141.0 kW Heat from exhaust 209.0 kW Heat from radiation 12.0 kW Exhaust temperature 400 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 26.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	0.0	1
Heat from exhaust 209.0 kW  Heat from radiation 12.0 kW  Exhaust temperature 400 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 26.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TR	
Heat from radiation 12.0 kW  Exhaust temperature 400 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 26.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	141.0	kW
Exhaust temperature 400 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 26.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	209.0	kW
Portata Raffreddamento 0.0 m³/min Combustion air flow 26.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	12.0	kW
Combustion air flow 26.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	400	°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	26.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	0.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage 2	EPA	N	
	Stage	2	

MAIN DATA	
Continuous power (PRP)	<b>378.00</b> kVA
Continuous power (PRP)	<b>302.40</b> kW
Stand-by power (LTP)	<b>414.00</b> kVA
Stand-by power (LTP)	<b>331.20</b> kW
VAC - HZ - cos(fi)	380 - 50 - 0.8
Sound pressure 7 m.	<b>68</b> dBA

DIMENSIONS AND WEIGHT		
Width	1600	mm
Length	4310	mm
Height	2560	mm
Weight	4740	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S4L1D-F
P.R.P. Power	400 kVA
L.T.P. Power	425 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

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

CANOPY & SILENCER	
Canopy model	GV151
Silencer model	MSR/a 125
Silencer outlet diameter	140 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.