

## **D 320 GX**





## **GALAXY "GX"**



ENGINE         DEUTZ           Engine model         BF6M1015CG1           Cylinders         6           RPM speed         1500           Cubic capacity         11.90           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         Valous           BMEP         0         kPa           Cooling         Water         Valous           Flywheel P.R.P. Power net         271.5         kW           Flywheel E.P. Power net         300.5         kW           Fuel Cons. at 100% (E.P.)         0.0         l/h           Fuel Cons. at 100% (P.R.P)         70.0         l/h           Fuel Cons. at 50% (P.R.P.)         51.7         l/h           Fuel Cons. at 25% (P.R.P.)         18.7         l/h           Electroni			
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RPM speed         1500           Cubic capacity         11.90         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         0         kPa           Cooling         Water         Flywheel P.R.P. Power net         271.5         kW           Flywheel E.P. Power net         300.5         kW           Fuel Cons. at 100% (E.P.)         0.0         I/h           Fuel Cons. at 100% (P.R.P)         70.0         I/h           Fuel Cons. at 75% (P.R.P.)         51.7         I/h           Fuel Cons. at 50% (P.R.P.)         34.6         I/h           Fuel Cons. at 25% (P.R.P.)         18.7         I/h           Electronic regulator         Standard         Precision class         G2           Oil quantity         38.0         I         I           Engine Antifreeze capacity         17.0         I           Radiator type         TR         Heat from radiator         213.0         kW           Heat from radiation         24.0         kW           Exhaust temperature         510         °C           Portata Raffredd	Engine model	BF6M1015CG1	
Cubic capacity         11.90         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         271.5 kW         Flywheel E.P. Power net         300.5 kW           Fuel Cons. at 100% (E.P.)         0.0 l/h         Fuel Cons. at 100% (P.R.P)         70.0 l/h           Fuel Cons. at 55% (P.R.P.)         51.7 l/h         Fuel Cons. at 25% (P.R.P.)         34.6 l/h           Fuel Cons. at 25% (P.R.P.)         18.7 l/h         Fuel Cons. at 25% (P.R.P.)         38.0 l         I           Electronic regulator         Standard         Precision class         G2         Oil quantity         38.0 l         I           Engine Antifreeze capacity         17.0 l         I         R         R           Heat from radiator         213.0 kW         KW         Heat from radiation         24.0 kW         Exhaust temperature         510 °C         Portata Raffreddamento         336.0 m³/min         Combustion air flow         25.0 m³/min	Cylinders	6	
Air intake         Turbocharged           Standard voltage         24 Vdc           Optional voltage         Vdc           Sae         1-14           BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         271.5 kW           Flywheel E.P. Power net         300.5 kW           Fuel Cons. at 100% (E.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         70.0 l/h           Fuel Cons. at 75% (P.R.P.)         51.7 l/h           Fuel Cons. at 50% (P.R.P.)         34.6 l/h           Fuel Cons. at 25% (P.R.P.)         18.7 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         38.0 l           Engine Antifreeze capacity         17.0 l           Radiator type         TR           Heat from radiator         213.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         24.0 kW           Exhaust temperature         510 °C           Portata Raffreddamento         336.0 m³/min           Combustion air flow         25.0 m³/min	RPM speed	1500	
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BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         271.5 kW           Flywheel E.P. Power net         300.5 kW           Fuel Cons. at 100% (E.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         70.0 l/h           Fuel Cons. at 75% (P.R.P.)         51.7 l/h           Fuel Cons. at 50% (P.R.P.)         34.6 l/h           Fuel Cons. at 25% (P.R.P.)         18.7 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         38.0 l           Engine Antifreeze capacity         17.0 l           Radiator type         TR           Heat from radiator         213.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         24.0 kW           Exhaust temperature         510 °C           Portata Raffreddamento         336.0 m³/min           Combustion air flow         25.0 m³/min	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         271.5 kW           Flywheel E.P. Power net         300.5 kW           Fuel Cons. at 100% (E.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         70.0 l/h           Fuel Cons. at 75% (P.R.P.)         51.7 l/h           Fuel Cons. at 50% (P.R.P.)         34.6 l/h           Fuel Cons. at 25% (P.R.P.)         18.7 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         38.0 l           Engine Antifreeze capacity         17.0 l           Radiator type         TR           Heat from radiator         213.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         24.0 kW           Exhaust temperature         510 °C           Portata Raffreddamento         336.0 m³/min           Combustion air flow         25.0 m³/min	Sae	1-14	
Flywheel P.R.P. Power net         271.5 kW           Flywheel E.P. Power net         300.5 kW           Fuel Cons. at 100% (E.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         70.0 l/h           Fuel Cons. at 75% (P.R.P.)         51.7 l/h           Fuel Cons. at 50% (P.R.P.)         34.6 l/h           Fuel Cons. at 25% (P.R.P.)         18.7 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         38.0 l           Engine Antifreeze capacity         17.0 l           Radiator type         TR           Heat from radiator         213.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         24.0 kW           Exhaust temperature         510 °C           Portata Raffreddamento         336.0 m³/min           Combustion air flow         25.0 m³/min	ВМЕР	0	kPa
Flywheel E.P. Power net       300.5 kW         Fuel Cons. at 100% (E.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P)       70.0 l/h         Fuel Cons. at 75% (P.R.P.)       51.7 l/h         Fuel Cons. at 50% (P.R.P.)       34.6 l/h         Fuel Cons. at 25% (P.R.P.)       18.7 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       38.0 l         Engine Antifreeze capacity       17.0 l         Radiator type       TR         Heat from radiator       213.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       24.0 kW         Exhaust temperature       510 °C         Portata Raffreddamento       336.0 m³/min         Combustion air flow       25.0 m³/min	Cooling	Water	
Fuel Cons. at 100% (E.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P)       70.0 l/h         Fuel Cons. at 75% (P.R.P.)       51.7 l/h         Fuel Cons. at 50% (P.R.P.)       34.6 l/h         Fuel Cons. at 25% (P.R.P.)       18.7 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       38.0 l         Engine Antifreeze capacity       17.0 l         Radiator type       TR         Heat from radiator       213.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       24.0 kW         Exhaust temperature       510 °C         Portata Raffreddamento       336.0 m³/min         Combustion air flow       25.0 m³/min	Flywheel P.R.P. Power net	271.5	kW
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Electronic regulatorStandardPrecision classG2Oil quantity38.0  Engine Antifreeze capacity17.0  Radiator typeTRHeat from radiator213.0 kWHeat from exhaust0.0 kWHeat from radiation24.0 kWExhaust temperature510 °CPortata Raffreddamento336.0 m³/minCombustion air flow25.0 m³/min	Fuel Cons. at 50% (P.R.P.)	34.6	l/h
Precision class  G2  Oil quantity  38.0   Engine Antifreeze capacity  17.0   Radiator type  TR  Heat from radiator  Heat from exhaust  0.0 kW  Heat from radiation  24.0 kW  Exhaust temperature  510 °C  Portata Raffreddamento  336.0 m³/min  Combustion air flow  25.0 m³/min	Fuel Cons. at 25% (P.R.P.)	18.7	l/h
Oil quantity  Engine Antifreeze capacity  17.0 I  Radiator type  TR  Heat from radiator  Heat from exhaust  0.0 kW  Heat from radiation  24.0 kW  Exhaust temperature  510 °C  Portata Raffreddamento  336.0 m³/min  Combustion air flow  38.0 I  TR  TR  Heat from radiator  213.0 kW  Exhaust from exhaust  0.0 kW  Exhaust temperature  510 °C  Portata Raffreddamento  336.0 m³/min	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  17.0 I  Radiator type  TR  13.0 kW  44.0 kW  510 °C  70 C  836.0 m³/min	Precision class	G2	
Radiator type TR Heat from radiator 213.0 kW Heat from exhaust 0.0 kW Heat from radiation 24.0 kW Exhaust temperature 510 °C Portata Raffreddamento 336.0 m³/min Combustion air flow 25.0 m³/min	Oil quantity	38.0	I
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Heat from radiation 24.0 kW Exhaust temperature 510 °C Portata Raffreddamento 336.0 m³/min Combustion air flow 25.0 m³/min	Heat from radiator	213.0	kW
Exhaust temperature 510 °C  Portata Raffreddamento 336.0 m³/min  Combustion air flow 25.0 m³/min	Heat from exhaust	0.0	kW
Portata Raffreddamento 336.0 m³/min Combustion air flow 25.0 m³/min	Heat from radiation	24.0	kW
Combustion air flow 25.0 m³/min	Exhaust temperature	510	°C
	Portata Raffreddamento	336.0	m³/min
Exhaust gas flow 67.0 m³/min	Combustion air flow	25.0	m³/min
	Exhaust gas flow	67.0	m³/min
TA Luft N	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage 2	Stage	2	
		_	

MAIN DATA		
Continuous power (PRP)	315.00	kVA
Continuous power (PRP)	252.00	kW
Emergency power (E.P.)	345.00	kVA
Emergency power (E.P.)	276.00	kW
VAC - HZ - cos(fi)	415 - 50 - 0.8	
Sound pressure 7 m.	70.0	dBA

DIMENSIONS AND WEIGHT		
Width	1600	mm
Length	4310	mm
Height	2560	mm
Weight	4500	kg

	ALTERNATOR			
	Description	STAMFORD		
	Alternator model	S4L1D-E		
	P.R.P. Power	360.0	kVA	
	E.P. Power	400.0	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.