

## **BD 61 GX**





## GALAXY "GX"



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Description BAUDOUIN Engine model 4M10G4D0/S Cylinders 4 RPM speed 1500 Cubic capacity 4.09   Air intake Turbocharged Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11½  BMEP 1566 kPa Cooling Water Flywheel P.R.P. Power net 69.4 kW Flywheel E.P. Power net 77.4 kW Fuel Cons. at 100% (E.P.) 21.3 l/h Fuel Cons. at 100% (P.R.P) 18.8 l/h Fuel Cons. at 50% (P.R.P.) 13.5 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Electronic regulator Standard Precision class G2 Oil quantity 13.0 l Engine Antifreeze capacity 9.4 l Radiator type TR Heat from radiator 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 570 °C Cooling air flow 17.3 m³/min TA Luft N Stage N	ENGINE		
Engine model         4 M10G4D0/S           Cylinders         4           RPM speed         1500           Cubic capacity         4.09           Air intake         Turbocharged           Standard voltage         12           Optional voltage         Vdc           Sae         3-11½           BMEP         1566         kPa           Cooling         Water           Flywheel P.R.P. Power net         69.4         kW           Flywheel E.P. Power net         77.4         kW           Fuel Cons. at 100% (E.P.)         21.3         l/h           Fuel Cons. at 50% (P.R.P.)         18.8         l/h           Fuel Cons. at 55% (P.R.P.)         9.1         l/h           Fuel Cons. at 25% (P.R.P.)         5.2         l/h           Fuel Cons. at 25% (P.R.P.)		DALIDOLIN	
Cylinders         4           RPM speed         1500           Cubic capacity         4.09           Air intake         Turbocharged           Standard voltage         12           Optional voltage         Vdc           Sae         3-11½           BMEP         1566         kPa           Cooling         Water           Flywheel P.R.P. Power net         69.4         kW           Flywheel E.P. Power net         77.4         kW           Fuel Cons. at 100% (E.P.)         21.3         l/h           Fuel Cons. at 50% (P.R.P.)         18.8         l/h           Fuel Cons. at 55% (P.R.P.)         9.1         l/h           Fuel Cons. at 25% (P.R.P.)         5.2         l/h           Fuel Cons. at 25%			
RPM speed       1500         Cubic capacity       4.09       I         Air intake       Turbocharged         Standard voltage       12       Vdc         Optional voltage       Vdc         Sae       3-11½       BMEP       1566       kPa         Cooling       Water       Flywheel P.R.P. Power net       69.4       kW         Flywheel E.P. Power net       77.4       kW         Fuel Cons. at 100% (E.P.)       21.3       l/h         Fuel Cons. at 100% (P.R.P)       18.8       l/h         Fuel Cons. at 75% (P.R.P.)       13.5       l/h         Fuel Cons. at 25% (P.R.P.)       9.1       l/h         Fuel Cons. at 25% (P.R.P.)       5.2       l/h         Flectronic regulator       Standard       Precision class       G2         Oil quantity       13.0       I         Engine Antifreeze capacity       9.4       I         Radiator type       TR       R         Heat from radiator       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       570       °C         Cooling air flow       146.0       m³/min         Exhaust gas flow			
Cubic capacity       4.09       I         Air intake       Turbocharged         Standard voltage       12       Vdc         Optional voltage       Vdc         Sae       3-11½       Vac         BMEP       1566       kPa         Cooling       Water       Power net       69.4       kW         Flywheel P.R.P. Power net       77.4       kW         Flywheel E.P. Power net       77.4       kW         Fuel Cons. at 100% (E.P.)       21.3       l/h         Fuel Cons. at 100% (P.R.P.)       18.8       l/h         Fuel Cons. at 75% (P.R.P.)       13.5       l/h         Fuel Cons. at 25% (P.R.P.)       5.2       l/h         Fuel Cons. at 25% (P.R.P.)       7.2       l/h         Fuel Cons. at 25% (P.R.P.)       5.2       l/h         Fuel Cons. at 25% (P.R.P.)       5.2       l/h         Fuel Cons. at 25% (P.R.P.)			
Air intake       Turbocharged         Standard voltage       12 Vdc         Optional voltage       Vdc         Sae       3-11½         BMEP       1566 kPa         Cooling       Water         Flywheel P.R.P. Power net       69.4 kW         Flywheel E.P. Power net       77.4 kW         Fuel Cons. at 100% (E.P.)       21.3 l/h         Fuel Cons. at 100% (P.R.P)       18.8 l/h         Fuel Cons. at 55% (P.R.P.)       13.5 l/h         Fuel Cons. at 50% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       5.2 l/h         Fuel Cons. at 75% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       10.0 l/h         Fuel Cons. at 100% (P.R.P.)       10.0 l/h         Fuel Cons. at 100% (P.R.P.)       10.0 l/h         Fuel Cons. at 100% (P.R.P.)       10.0 l/h         Fuel Cons. at	RPM speed	1500	
Standard voltage         12 Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1566 kPa           Cooling         Water           Flywheel P.R.P. Power net         69.4 kW           Flywheel E.P. Power net         77.4 kW           Fuel Cons. at 100% (E.P.)         21.3 l/h           Fuel Cons. at 100% (P.R.P)         18.8 l/h           Fuel Cons. at 75% (P.R.P.)         13.5 l/h           Fuel Cons. at 50% (P.R.P.)         9.1 l/h           Fuel Cons. at 25% (P.R.P.)         5.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         13.0 l           Engine Antifreeze capacity         9.4 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         570 °C           Cooling air flow         146.0 m³/min           Combustion air flow         4.8 m³/min           Exhaust gas flow         17.3 m³/min           TA Luft/2         N           EPA         N	Cubic capacity	4.09	I
Optional voltage         Vdc           Sae         3-11½           BMEP         1566         kPa           Cooling         Water           Flywheel P.R.P. Power net         69.4         kW           Flywheel E.P. Power net         77.4         kW           Fuel Cons. at 100% (E.P.)         21.3         l/h           Fuel Cons. at 100% (P.R.P)         18.8         l/h           Fuel Cons. at 75% (P.R.P.)         13.5         l/h           Fuel Cons. at 50% (P.R.P.)         9.1         l/h           Fuel Cons. at 25% (P.R.P.)         5.2         l/h           Flectronic regulator         Standard           Precision class         G2         Oil quantity         13.0         l           Engine Antifreeze capacity         9.4         l         l           Radiator type         TR         l         Heat from radiator         0.0         kW           Heat from exhaust         0.0         kW         l         kW           Exhaust temperature         570 °C         C         C         Cooling air flow         4.8         m³/min           Combustion air flow         4.8         m³/min         m³/min         m³/min         m³/min         m³/	Air intake	Turbocharged	
Sae       3-11½         BMEP       1566 kPa         Cooling       Water         Flywheel P.R.P. Power net       69.4 kW         Flywheel E.P. Power net       77.4 kW         Fuel Cons. at 100% (E.P.)       21.3 l/h         Fuel Cons. at 100% (P.R.P)       18.8 l/h         Fuel Cons. at 75% (P.R.P.)       13.5 l/h         Fuel Cons. at 50% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       5.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       13.0 l         Engine Antifreeze capacity       9.4 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       570 °C         Cooling air flow       146.0 m³/min         Combustion air flow       4.8 m³/min         Exhaust gas flow       17.3 m³/min         TA Luft       N         EPA       N	Standard voltage	12	Vdc
BMEP       1566       kPa         Cooling       Water         Flywheel P.R.P. Power net       69.4       kW         Flywheel E.P. Power net       77.4       kW         Fuel Cons. at 100% (E.P.)       21.3       l/h         Fuel Cons. at 100% (P.R.P)       18.8       l/h         Fuel Cons. at 75% (P.R.P.)       13.5       l/h         Fuel Cons. at 50% (P.R.P.)       9.1       l/h         Fuel Cons. at 25% (P.R.P.)       5.2       l/h         Electronic regulator       Standard         Precision class       G2       Oil quantity       13.0       l         Engine Antifreeze capacity       9.4       l       l         Radiator type       TR       r       Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW       kW         Heat from radiation       0.0       kW         Exhaust temperature       570       °C         Cooling air flow       146.0       m³/min         Exhaust gas flow       17.3       m³/min         TA Luft       N         EPA       N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         69.4 kW           Flywheel E.P. Power net         77.4 kW           Fuel Cons. at 100% (E.P.)         21.3 l/h           Fuel Cons. at 100% (P.R.P)         18.8 l/h           Fuel Cons. at 75% (P.R.P.)         13.5 l/h           Fuel Cons. at 50% (P.R.P.)         9.1 l/h           Fuel Cons. at 25% (P.R.P.)         5.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         13.0 l           Engine Antifreeze capacity         9.4 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         570 °C           Cooling air flow         146.0 m³/min           Combustion air flow         4.8 m³/min           Exhaust gas flow         17.3 m³/min           TA Luft         N           EPA         N	Sae	3-11½	
Flywheel P.R.P. Power net         69.4 kW           Flywheel E.P. Power net         77.4 kW           Fuel Cons. at 100% (E.P.)         21.3 l/h           Fuel Cons. at 100% (P.R.P)         18.8 l/h           Fuel Cons. at 75% (P.R.P.)         13.5 l/h           Fuel Cons. at 50% (P.R.P.)         9.1 l/h           Fuel Cons. at 25% (P.R.P.)         5.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         13.0 l           Engine Antifreeze capacity         9.4 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         570 °C           Cooling air flow         146.0 m³/min           Combustion air flow         4.8 m³/min           Exhaust gas flow         17.3 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	ВМЕР	1566	kPa
Flywheel E.P. Power net       77.4 kW         Fuel Cons. at 100% (E.P.)       21.3 l/h         Fuel Cons. at 100% (P.R.P)       18.8 l/h         Fuel Cons. at 75% (P.R.P.)       13.5 l/h         Fuel Cons. at 50% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       5.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       13.0 l         Engine Antifreeze capacity       9.4 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       570 °C         Cooling air flow       146.0 m³/min         Combustion air flow       4.8 m³/min         Exhaust gas flow       17.3 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       21.3 l/h         Fuel Cons. at 100% (P.R.P)       18.8 l/h         Fuel Cons. at 75% (P.R.P.)       13.5 l/h         Fuel Cons. at 50% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       5.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       13.0 l         Engine Antifreeze capacity       9.4 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       570 °C         Cooling air flow       146.0 m³/min         Combustion air flow       4.8 m³/min         Exhaust gas flow       17.3 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	69.4	kW
Fuel Cons. at 100% (P.R.P.)       18.8 l/h         Fuel Cons. at 75% (P.R.P.)       13.5 l/h         Fuel Cons. at 50% (P.R.P.)       9.1 l/h         Fuel Cons. at 25% (P.R.P.)       5.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       13.0 l         Engine Antifreeze capacity       9.4 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       570 °C         Cooling air flow       146.0 m³/min         Combustion air flow       4.8 m³/min         Exhaust gas flow       17.3 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel E.P. Power net	77.4	kW
Fuel Cons. at 75% (P.R.P.)       13.5       I/h         Fuel Cons. at 50% (P.R.P.)       9.1       I/h         Fuel Cons. at 25% (P.R.P.)       5.2       I/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       13.0       I         Engine Antifreeze capacity       9.4       I         Radiator type       TR       Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       570 °C       C         Cooling air flow       146.0       m³/min         Combustion air flow       4.8       m³/min         Exhaust gas flow       17.3       m³/min         TA Luft       N         EPA       N	Fuel Cons. at 100% (E.P.)	21.3	l/h
Fuel Cons. at 50% (P.R.P.)         9.1 l/h           Fuel Cons. at 25% (P.R.P.)         5.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         13.0 l           Engine Antifreeze capacity         9.4 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         570 °C           Cooling air flow         146.0 m³/min           Combustion air flow         4.8 m³/min           Exhaust gas flow         17.3 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 100% (P.R.P)	18.8	l/h
Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Cooling air flow  TA  Exhaust gas flow  TA  TA Luft  TA Luft/2  EPA  S  G2  I/h  Standard  Standard  A	Fuel Cons. at 75% (P.R.P.)	13.5	l/h
Electronic regulator  Precision class G2 Oil quantity 13.0 I Engine Antifreeze capacity 9.4 I Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Cooling air flow Combustion air flow TA Luft TA Luft TA Luft/2 EPA Signature G2 O0  00  kW  13.0 I  0.0 kW  0.0 kW  00  00  00  00  00  00  00  00  00	Fuel Cons. at 50% (P.R.P.)	9.1	l/h
Precision class G2 Oil quantity 13.0 I Engine Antifreeze capacity 9.4 I Radiator type TR Heat from radiator 0.0 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 570 °C Cooling air flow 146.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 17.3 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 25% (P.R.P.)	5.2	l/h
Oil quantity Engine Antifreeze capacity 9.4 I Radiator type TR Heat from radiator 0.0 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 570 °C Cooling air flow 146.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 17.3 m³/min TA Luft N TA Luft/2 EPA N	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Cooling air flow  Combustion air flow  TA Luft  TA Luft/2  Radiator type  TR  Heat from o.0 kW  Exhaust temperature  570 °C  Cooling air flow  4.8 m³/min  TA Luft  N  TA Luft/2  EPA  N	Precision class	G2	
Radiator type TR Heat from radiator 0.0 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 570 °C Cooling air flow 146.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 17.3 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	13.0	I
Heat from radiator 0.0 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 570 °C Cooling air flow 146.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 17.3 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	9.4	I
Heat from exhaust 0.0 kW  Heat from radiation 0.0 kW  Exhaust temperature 570 °C  Cooling air flow 146.0 m³/min  Combustion air flow 4.8 m³/min  Exhaust gas flow 17.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TR	
Heat from radiation 0.0 kW  Exhaust temperature 570 °C  Cooling air flow 146.0 m³/min  Combustion air flow 4.8 m³/min  Exhaust gas flow 17.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	0.0	kW
Exhaust temperature 570 °C  Cooling air flow 146.0 m³/min  Combustion air flow 4.8 m³/min  Exhaust gas flow 17.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	0.0	kW
Cooling air flow146.0m³/minCombustion air flow4.8m³/minExhaust gas flow17.3m³/minTA LuftNTA Luft/2NEPAN	Heat from radiation	0.0	kW
Combustion air flow 4.8 m³/min Exhaust gas flow 17.3 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	570	°C
Exhaust gas flow 17.3 m³/min TA Luft N TA Luft/2 N EPA N	Cooling air flow	146.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	4.8	m³/min
TA Luft N TA Luft/2 N EPA N	Exhaust gas flow	17.3	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage N	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>62.50</b> kVA
Continuous power (PRP)	<b>50.00</b> kW
Emergency power (E.P.)	<b>68.80</b> kVA
Emergency power (E.P.)	<b>55.04</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

DIMENSIONS AND WEIGHT		
Width	1050	mm
Length	2200	mm
Height	1760	mm
Weight	1370	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S1L2-Y
P.R.P. Power	62.5 kVA
E.P. Power	68.8 kVA
Connection	Series star
Phases	3FN
Winding	711
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	VITA01
Precision	0.5 ± %

BASEFRAME	
Model	GV030HD
Standard tank	160 I
Optional tank	70 I
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	GV030	
Silencer model	MSR/a 50	
Silencer outlet diameter	60.0	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.