

BD 41 GX





GALAXY "GX"



1	UI	IIIusti	ative	purposes	UTITY

Description BAUDOUIN Engine model 4M06GBD0/S Cylinders 4 RPM speed 1500 Cubic capacity 2.30 Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 12 Vdc Optional voltage 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 55% (P.R.P.) 7.0 l/h Fuel Cons. at 55% (P.R.P.) 2.8 l/h Fuel Cons. at 55% (P.R.P.) 1.5 l Electronic regulator Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR Heat from radiator 59.9 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N Stage N	ENGINE		
Engine model 4 M06G8D0/S Cylinders 4 RPM speed 1500 Cubic capacity 2.30 Air intake Turbocharged Standard voltage 12 Optional voltage Vdc Sae 3-11½ BMEP 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.0 l/h Fuel Cons. at 55% (P.R.P.) 7.0 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Fuel Cons. at 25% (P.R.P.) 3.1 l/h Fuel Cons. at 50% (P.R.P.) 3.1 l/h Fuel Cons. at 50% (P.R.P.) 3		DALIDOLIN	
Cylinders 4 RPM speed 1500 Cubic capacity 2.30 I Air intake Turbocharged Vodc Standard voltage 12 Vdc Optional voltage Vdc Vdc Sae 3-11½ KPa Cooling Water Vd Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 I/h Fuel Cons. at 50% (P.R.P.) 9.5 I/h Fuel Cons. at 55% (P.R.P.) 4.7 I/h Fuel Cons. at 25% (P.R.P.) 2.8 I/h	·		
RPM speed 1500 Cubic capacity 2.30 I Air intake Turbocharged Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11½ Power BMEP 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Fuel Cons. at 50% (P.R.P.) 3.1 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 50% (P.R.P.) 2.8 l/h Fuel Cons. at 50% (P.R.P.) 2.8			
Cubic capacity 2.30 I Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Vdc Sae 3-11½ Vac BMEP 1391 kPa Cooling Water Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Fleatronic regulator Standard V Precision class G2 O Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR Heat from radiator \$9.9 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C			
Air intake Turbocharged Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11½ BMEP 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR Heat from radiator 59.9 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N	RPM speed		
Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11½	Cubic capacity	2.30	I
Optional voltage Vdc Sae 3-11½ BMEP 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l l R Radiator type TR Heat from radiator 59.9 kW Heat from radiation 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Exhaust gas flow 7.9 m³/min TA Luft	Air intake	Turbocharged	
Sae 3-11½ BMEP 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Electronic regulator Standard Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Standard voltage	12	Vdc
BMEP 1391 kPa Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Flectronic regulator Standard Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR R Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Optional voltage		Vdc
Cooling Water Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Sae	3-11½	
Flywheel P.R.P. Power net 35.7 kW Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	BMEP	1391	kPa
Flywheel E.P. Power net 39.7 kW Fuel Cons. at 100% (E.P.) 10.8 l/h Fuel Cons. at 100% (P.R.P) 9.5 l/h Fuel Cons. at 75% (P.R.P.) 7.0 l/h Fuel Cons. at 50% (P.R.P.) 4.7 l/h Fuel Cons. at 25% (P.R.P.) 2.8 l/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 l Engine Antifreeze capacity 5.0 l Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Cooling	Water	
Fuel Cons. at 100% (E.P.) 10.8 I/h Fuel Cons. at 100% (P.R.P) 9.5 I/h Fuel Cons. at 75% (P.R.P.) 7.0 I/h Fuel Cons. at 50% (P.R.P.) 4.7 I/h Fuel Cons. at 25% (P.R.P.) 2.8 I/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR T Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel P.R.P. Power net	35.7	kW
Fuel Cons. at 100% (P.R.P.) 9.5 I/h Fuel Cons. at 75% (P.R.P.) 7.0 I/h Fuel Cons. at 50% (P.R.P.) 4.7 I/h Fuel Cons. at 25% (P.R.P.) 2.8 I/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel E.P. Power net	39.7	kW
Fuel Cons. at 75% (P.R.P.) 7.0 I/h Fuel Cons. at 50% (P.R.P.) 4.7 I/h Fuel Cons. at 25% (P.R.P.) 2.8 I/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR I Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (E.P.)	10.8	l/h
Fuel Cons. at 50% (P.R.P.) 4.7 I/h Fuel Cons. at 25% (P.R.P.) 2.8 I/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	9.5	l/h
Fuel Cons. at 25% (P.R.P.) 2.8 I/h Electronic regulator Standard Precision class G2 Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N N TA Luft/2 N N	Fuel Cons. at 75% (P.R.P.)	7.0	l/h
Electronic regulatorStandardPrecision classG2Oil quantity11.5IEngine Antifreeze capacity5.0IRadiator typeTRTRHeat from radiator59.9kWHeat from exhaust0.0kWExhaust temperature650°CCooling air flow84.3m³/minCombustion air flow2.2m³/minExhaust gas flow7.9m³/minTA LuftNTA Luft/2NEPAN	Fuel Cons. at 50% (P.R.P.)	4.7	l/h
Precision class G2 Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR I Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Exhaust from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 EPA N N	Fuel Cons. at 25% (P.R.P.)	2.8	l/h
Oil quantity 11.5 I Engine Antifreeze capacity 5.0 I Radiator type TR I Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 EPA N N	Electronic regulator	Standard	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust O.0 kW Heat from radiation Cooling air flow Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA IN IR TR TA IN IN IN IN IN IN IN IN IN I	Precision class	G2	
Radiator type TR Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	11.5	I
Heat from radiator 59.9 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	5.0	1
Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 0.0 kW Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	59.9	kW
Exhaust temperature 650 °C Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	0.0	kW
Cooling air flow 84.3 m³/min Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	0.0	kW
Combustion air flow 2.2 m³/min Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	650	°C
Exhaust gas flow 7.9 m³/min TA Luft N TA Luft/2 N EPA N	Cooling air flow	84.3	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	2.2	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	7.9	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage N	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	40.00 kVA
Continuous power (PRP)	32.00 kW
Emergency power (E.P.)	44.00 kVA
Emergency power (E.P.)	35.20 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

DIMENSIONS AND WEIGHT		
Width	1040	mm
Length	2260	mm
Height	1805	mm
Weight	1090	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S1L2-K
P.R.P. Power	40.0 kVA
E.P. Power	44.0 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS540
Precision	1.0 ± %

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.