TECHNICAL DATASHEET

GALAXY - D 41 GX

GALAXY “GX”

For illustrative purposes only

ENGINE

Engine brand	DEUTZ	
Engine model	BF4M2011	
Cylinders	4	
Speed	1500	r.p.m.
Cubic capacity	3.11	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11½	
BMEP	980	kPa
Cooling	Oil	
Flywheel P.R.P. Power	37.4	kW
Flywheel Stand-by Power	39.2	kW
Fuel Cons. at 100% (L.T.P.)	10.5	l/h
Fuel Cons. at 100% (P.R.P)	9.9	l/h
Fuel Cons. at 75% (P.R.P.)	7.4	l/h
Fuel Cons. at 50% (P.R.P.)	5.3	l/h
Fuel Cons. at 25% (P.R.P.)	3.7	l/h
Electronic regulator	On request	
Precision class	G2	
Oil quantity	13.0	l
Engine Antifreeze capacity	0.0	l
Radiator standard	ROA	
Heat from radiator	24.2	kW
Heat from exhaust	38.6	kW
Heat from radiation	0.0	kW
Exhaust temperature	610	°C
Cooling air flow	39.50	m³/min
Combustion air flow	2.50	m³/min
Exhaust gas flow	8.53	m³/min
TA Luft	Not available	
TA Luft/2	Not available	
EPA	Not available	
Stage	Stage 2	

MAIN DATA

Continuous power (PRP)	40.0	(kVA)
Continuous power (PRP)	32.0	(kW)
Stand-by power (LTP)	44.0	(kVA)
Stand-by power (LTP)	35.2	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	
Sound pressure 7 m.	60.0	dBA

DIMENSIONS AND WEIGHT

Width	910	mm
Length	2000	mm
Height	1600	mm
Weight	1160	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	PI144J	
P.R.P. Power	40.0	kVA
L.T.P. Power	45.0	kVA
Connection	Series star	
Phases	3PH+N	
Winding	12 terminals Winding 311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS480	
Precision	1.0	± %

BASEFRAME

Model	GV020HD	
Standard tank	120	l
Optional tank	50	l
Oversized tank*	0	l

CANOPY & SILENCER

Canopy model	GV020	
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.

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.