GALAXY - P 45 GX

GALAXY “GX”



For illustrative purposes only

ENGINE

Engine brand	PERKINS	
Engine model	1103A-33TG1	
Cylinders	3	
Speed	1500	r.p.m.
Cubic capacity	3.30	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11«	
BMEP	1023	kPa
Cooling	Water	
Flywheel P.R.P. Power	41.3	kW
Flywheel Stand-by Power	45.6	kW
Fuel Cons. at 100% (L.T.P.)	11.8	l/h
Fuel Cons. at 100% (P.R.P)	10.5	l/h
Fuel Cons. at 75% (P.R.P.)	8.0	l/h
Fuel Cons. at 50% (P.R.P.)	5.6	l/h
Fuel Cons. at 25% (P.R.P.)	3.3	l/h
Electronic regulator	On request	
Precision class	G2	
Oil quantity	8.3	l
Engine Antifreeze capacity	10.2	l
Radiator type	Tropical	
Heat from radiator	26.0	kW
Heat from exhaust	30.0	kW
Heat from radiation	7.0	kW
Exhaust temperature	492	°C
Cooling air flow	53.00	m³/min
Combustion air flow	2.90	m³/min
Exhaust gas flow	7.00	m³/min
TA Luft	Not available	
TA Luft/2	Not available	
EPA	Not available	
Stage	Not available	

MAIN DATA

Continuous power (PRP)	45.0	(kVA)
Continuous power (PRP)	36.0	(kW)
Stand-by power (LTP)	49.5	(kVA)
Stand-by power (LTP)	39.6	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	

DIMENSIONS AND WEIGHT

Width	1040	mm
Length	2260	mm
Height	1820	mm
Weight	1260	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	S1L2-N	
P.R.P. Power	45.0	kVA
L.T.P. Power	49.5	kVA
Connection	Series star	
Phases	3P+N	
Winding	12 terminals Winding 311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1.0	± %

BASEFRAME

Model	GV030HD	
Standard tank	160	l
Optional tank	70	l
Oversized tank*	0	l

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.

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.