

# GALAXY · JD43 GX “VM”

## ENCLOSURE TYPE: GALAXY VM



ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY AND MAY SHOW OPTIONAL EQUIPMENT. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

## 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·0.8cosφ
LwA Measured sound power level	91.0 dBA
LwA Guaranteed sound power level	94.0 dBA
Sound pressure 7 metres	63.0 dBA

## DIMENSIONS AND WEIGHT

Width	1130 mm*
Length	2420 mm*,**
Height	1600 mm
Weight	1560 kg

## GENERAL DATA

### ENGINE

Engine brand	JOHN DEERE	
Engine model	3029HFU89	
Cylinders	3	nr
Speed	1500	r.p.m.
Cubic capacity	2.90	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	-	Vdc
Sae	3-11 <sup>1/2</sup>	
BMEP	1030	kPa
Cooling	Water	
Flywheel P.R.P. Power	37.5	kW
Flywheel Stand-by Power	41.5	kW
Fuel Cons. at 100% (L.T.P.)	12.2	l/h
Fuel Cons. at 100% (P.R.P.)	10.2	l/h
Fuel Cons. at 75% (P.R.P.)	8.7	l/h
Fuel Cons. at 50% (P.R.P.)	6.0	l/h
Fuel Cons. at 25% (P.R.P.)	3.4	l/h
Engine speed regulator	mechanical	
Precision class	-	
Oil quantity	-	l
Engine Antifreeze capacity	-	l
Heat from radiator	21.3	kW
Heat from exhaust	-	kW
Heat from radiation	4.0	kW
Exhaust temperature	440	°C
Cooling air flow	84.00	m <sup>3</sup> /min
Combustion air flow	-	kg/h
Exhaust gas flow	-	kg/h
Emissions	STAGEIIIA	EU

### 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	3F+N	
Winding	12 term. W 311	
Terminal Number	12	nr
IP Protection	23	
Electronic regulator	AS480	
Precision	1.0	+/-%

### BASEFRAME

Model	GV045	
Long range fuel tank	250	l
Hours of operation at 75% of load	28	h

### CANOPY & SILENCER

Canopy model	GV045	
Silencer model	-	
Silencer outlet diameter	-	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.

\*=without optional bumper, \*\*=sidewise load on standard trucks, \*\*\*=arranged side by side on the long side

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.

