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Radzim Agri-Power

JOHN DEERE

JD100GO

GENERAL DATA

Model	JD100GO
Continuous / Prime power (P.R.P)	100,00 kVA
Continuous / Prime power (P.R.P)	80,00 kW
Stand-by power (L.T.P)	110,00 kVA
Stand-by power (L.T.P)	88,00 kW
Power Factor / Cos (φ)	0.8
Frequency	50 Hz
Voltage	400/230 V
No. phases	Three Phases (with Neutral)
Engine Speed	1500 rpm

DIMENSIONS*

Length (-L- m)	2560 mm
Width (-W- m)	1040 mm
Height (-H- m)	1600 mm
Weight (kg)	1400 kg
Tank Capacity	160 l

ENGINE

Brand	JOHN DEERE
Model	4045HF158
No. of Cylinders	4
Cubic capacity	4,5 l
Air intake	Turbocharged
Cooling	Water
Flywheel net power	88 kW
BMEP	1618 kPa
SAE:	3-11½

ENGINE TECHNICAL DATA

Oil Qty	12 l
Antifreeze Qty	25 l
Cooling air flow	150 m³/min
Combust. air flow	6,4 m³/min
Exhaust gas flow	17 m³/min

FUEL CONSUMPTION @ LOAD

100% (Standby)	25 l/h
100% (Prime)	23 l/h
75%	16,5 l/h
50%	11 l/h
25%	6 l/h



ALTERNATOR

Brand	MARELLI
Model	MJB225MA4
Continuous power	100,00 kVA
Stand-by power	110,00 kVA
Connection	Stella Series

STARTING BATTERY

Capacity	100 Ah
Quantity	1
Voltage	12 V

FLEXIBLE PIPE

Model	DN65
Quantity	1
Diameter	76 mm

EXHAUST SILENCER

Model	MSR/a 65
Quantity	1
Diameter	76 mm

* Figures are subject to change without prior notice.

** The mentioned power values are according to ISO8528-1 Standards