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## Radzim Agri-Power

### PERKINS

### P105GO

#### GENERAL DATA

Model	P105GO
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)	1396 mm
Weight (kg)	1300 kg
Tank Capacity	160 l

#### ENGINE

Brand	PERKINS
Model	1104C-44TAG2
No. of Cylinders	4
Cubic capacity	4,4 l
Air intake	Turbocharged
Cooling	Water
Flywheel net power	89 kW
BMEP	1702 kPa
SAE:	3-11½

#### ENGINE TECHNICAL DATA

Oil Qty	8 l
Antifreeze Qty	12,6 l
Cooling air flow	165,6 m <sup>3</sup> /min
Combust. air flow	6,01 m <sup>3</sup> /min
Exhaust gas flow	15,2 m <sup>3</sup> /min

#### FUEL CONSUMPTION @ LOAD

100% (Standby)	24,9 l/h
100% (Prime)	22,6 l/h
75%	17,1 l/h
50%	11,2 l/h
25%	N/A



#### 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