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Radzim Agri-Power

PERKINS

P21B1

GENERAL DATA

Model	P21B1
Continuous / Prime power (P.R.P)	20,00 kVA
Continuous / Prime power (P.R.P)	16,00 kW
Stand-by power (L.T.P)	21,80 kVA
Stand-by power (L.T.P)	17,44 kW
Power Factor / Cos (φ)	0.8
Frequency	50 Hz
Voltage	230 V
No. phases	Single Phase
Engine Speed	1500 rpm

DIMENSIONS*

Length (-L- m)	1420 mm
Width (-W- m)	920 mm
Height (-H- m)	1260 mm
Weight (kg)	748 kg
Tank Capacity	160 l

ENGINE

Brand	PERKINS
Model	404D-22G
No. of Cylinders	4
Cubic capacity	2,216 l
Air intake	Aspirated
Cooling	Water
Flywheel net power	18,4 kW
BMEP	
SAE:	

ENGINE TECHNICAL DATA

Oil Qty	
Antifreeze Qty	
Cooling air flow	
Combust. air flow	
Exhaust gas flow	

FUEL CONSUMPTION @ LOAD

100% (Standby)	6,2 l/h
100% (Prime)	5,4 l/h
75%	4 l/h
50%	2,9 l/h
25%	N/A



ALTERNATOR

Brand	
Model	
Continuous power	
Stand-by power	
Connection	

STARTING BATTERY

Capacity	100 Ah
Quantity	1
Voltage	12 V

FLEXIBLE PIPE

Model	DN40
Quantity	1
Diameter	48 mm

EXHAUST SILENCER

Model	MS 10
Quantity	1
Diameter	48 mm

* Figures are subject to change without prior notice.

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