

GENERATING SET GSW110I



The image is purely indicative. Refer to the installation plan for more details.

MAIN FEATURES

Frequency	Hz	50
Voltage	V	400
Power factor	cos ϕ	0.8
Phase and connection		3

POWER RATING

Standby power LTP	kVA	110.87
Standby power LTP	kW	88.70
Prime power PRP	kVA	100.84
Prime power PRP	kW	80.67
Continuous power COP	kVA	80.67
Continuous power COP	kW	64.54

ENGINE SPECIFICATIONS


Brand		FPT
Model		NEF45TM2A
Version		50 Hz
Nr. of cylinder and disposition		4 in line
Displacement	cm ³	4500
Aspiration		Turbocharged aftercooled
Speed governor		Mechanical
Operating Speed-Nominal	rpm	1500
Continuous gross power COP	kW	71.8
Prime gross power PRP	kW	89.3
Maximum gross power LTP	kW	98
Oil capacity	L	12.8
Lube oil consumption @ PRP (max)	%	0.1
Coolant capacity	L	18.5

Fuel		Diesel
Specific fuel consumption @ 75% PRP	g/kWh	203.5
Specific fuel consumption @ PRP	g/kWh	207.7
Starting engine capability	kW	3
Electric circuit	V	12

ALTERNATOR SPECIFICATIONS

Brand		Mecc Alte
Model		ECP34-2S/4
Class		H
IP protection		21
Poles		4
Frequency tolerance	%	5
Voltage tolerance	%	1.5
Cooling air	m ³ /s	0.322

DIMENSIONAL DATA

Installation drawing		
Length	mm	3000
Width	mm	1150
Height	mm	1771
Dry weight	kg	1684

INSTALLATION DATA

(Gas) exhaust pipe outlet diameter	mm	80
------------------------------------	----	----

ADDITIONAL INFORMATION

Fuel tank capacity	L	340
MAX current	A	160.04
Circuit breaker	A	160
Fuel consumption @ 75% PRP	L/h	16.28
Fuel consumption @ 100% PRP	L/h	22.08

AUTONOMY

Running time @ 75% PRP	h	20.88
Running time @ 100% PRP	h	15.40

NOISE LEVEL

Measured noise power (LWA)	db(A)	96
Noise pressure level @ 7 mt	db(A)	66.45

Copyright © 2012 PR INDUSTRIAL srl - All rights reserved.

PR INDUSTRIAL s.r.l. | Località Il Piano snc - 53031 Casole d'Elsa, Siena – Italy
V.A.T. 06264860484 |