

100 KVA DIESEL GENERATOR

FEATURES & BENEFITS

- Maximum 110 kVA, 380V, 1500RPM
- Constant voltage AVR (Automatic Voltage Regulator)
- 12 Volt Electric Starter
- 170 Litre Fuel Tank, 10 Hours @ 75% load
- Silent Version (± 72 dBa)
- Four cylinder, Turbo-Charged & Aftercooled, water cooled
- Three Phase Output
- DeepSea DSE6120 Digital Control Panel
- Low oil pressure system
- Low water cut out engine protection



 

GENERAL DATA	
Model:	BPD100S3-B
Prime Power (P.R.P):	100 kVA
Stand-by Power (L.T.P):	110 kVA
Amps:	167 A
Power Factor / COS:	0.8
Frequency:	50 Hz
Voltage:	380 V
Phases:	Three Phase
Engine Speed:	1500 RPM
Length:	2800 mm
Width:	1050 mm
Height:	1250 mm
Weight:	1424 kg's
Tank Capacity:	170 l

ADDITIONAL	
Running Time:	8 @ full load
Structure Type:	Silent
Noise Level (7m):	72 dBA
Auto Voltage Regulator:	Constant voltage AVR
ISO9001 Certified:	Yes
CE Certified:	Yes
Fuel Cons. @ 100% Load:	21.25
Fuel Cons. @ 75% Load:	16.01
Fuel Cons. @ 50% Load:	10.58

ENGINE DATA	
Brand:	Baudouin
Model:	4M10G110/5
Type:	Four cylinder, Turbo-Charged & Aftercooled, water cooled
Starting System:	12 Volt Electric Starter
Auto-Decompression:	Yes
Cubic Capacity (l):	4.087
Compression Ratio:	17.5:1
Rated Power (kW/RPM):	90 / 1500
Fuel Type:	Diesel
Lube Oil:	15W40
Low Pressure Alert:	Yes
Low Fuel Cut Out:	Yes

CONTROL PANEL	
Model:	DeepSea DSE6120
Type:	Digital Control Panel
Analogue Inputs:	2
Mains Phase Voltage:	Yes
Mains Line Voltage:	Yes

ALTERNATOR	
Model:	DPC274C
Pole Number:	4
Excitation Mode:	Self Excitation

* Specs subject to change without prior notice.
 * Measurements based on ISO8528-1 Standards
 * All rating at Sea Level, 25°C Ambient Temp.