



KF20D5

SILENT DIESEL GENERATOR

400V / 50Hz 3 PHASE

• GENSET POWER

Prime Power	20 KVA / 16KW
Standby Power	22 KVA / 17.6KW

• GENERAL INFORMATION

Engine	Fawde
Alternator	Koten
Controller	Smartgen
Governor	Mechanical
Frequency	50Hz
Phase	3Ph
Power factor	0.8
Fuel tank capacity	8hrs
Engine start voltage	12V
Noise Level	72dBA

• ENGINE

Brand	FAWDE
Model	4DW91-29D
Fuel injection system	Direct Inject diesel
No. of cylinders	4
Bore	90mm
Stroke	100mm
Compression ratio	17:1
Displacement	2.54L
Engine speed	1500 RPM
Rated power	21KW

• ALTERNATOR

Brand	Koten
Model	KA-164ES
Insulation type	Class 'H'
Winding Pitch	2/3
Voltage regulation	±0.5



CONTROLLER
Smartgen 6120

VOLTAGE OPTIONAL

220 / 380 V

230 / 400V

240 / 415 V

DIMENSION

Length (L)	2000 mm
Width (W)	850 mm
Height (H)	1050 mm
Weight	715 KG

SILENT

FUEL CONSUMPTION 1500RPM (L/HR)

100% Prime power	5.93 L/hr
75% Prime power	4.78 L/hr
50% Prime power	3.85 L/hr

Genset Optional

- Genset Color
- Engine water pre-heater
- Daily fuel tank
- ATS
- ComAp/Deepsea Controller

Quality Standards

- ISO9001:2000
- ISO8528 BS4999
- BS5514, AS1359,
- ICE34 CE Compliance

Warranty

- 1 Year

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