DGGB30P

30 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

1103A-33G

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 1103A-33G

ALTERNATOR

Stamford S1L2-J1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

30.3 kVA 24.2 kW

STANDBY POWER / ESP

32.9 kVA 26.3 kW

Ratings shown at 400 V, 3-phase, 50 Hz. The DGGB model number is a rounded class; use the exact ratings for selection.

PUBLISHED ELECTRICAL RATINGS

Voltage (V)	Connection	ESP (kVA)	ESP (kW)	PRP (kVA)	PRP (kW)
200	PS	32.9	26.3	30.3	24.2
208	PS	33	26.4	30.3	24.2
230	SD	32.9	26.3	30.3	24.2
240	SD	33	26.4	30.3	24.2
400	SS	32.9	26.3	30.3	24.2
415	SS	33	26.4	30.3	24.2

PRP = prime power. ESP = emergency standby power. Values apply to the selected engine and alternator above. Connection codes follow the reference specification and must be confirmed before installation.

Exact build, performance and delivery scope are confirmed in the quotation.

Technical specification

DGGB30P | Perkins 1103A-33G | Open set

ENGINE

Manufacturer	Perkins
Model	1103A-33G
Aspiration	Naturally Aspirated
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Mechanical
Cylinders	3
Arrangement	In Line
Displacement	3.3L
Bore	105mm
Stroke	127mm
Compression ratio	19.25:1
Cooling	Liquid Cooled
Coolant capacity	11.8L
Oil capacity	8.3L

ALTERNATOR

Manufacturer	Stamford
Model	S1L2-J1
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS540
Voltage regulation	1%
Insulation class	H
Excitation	Self Excited
Winding	311
Harmonic content	<5.00%
Short circuit	>100%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
4.07 L/h	5.59 L/h	7.33 L/h	8.01 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

Dimensions, weight, fuel tank and model-specific drawing are confirmed with the quotation.

No complete matching frame data is published for this selected configuration.

OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

Engine	Alternator	V / phase	ESP kVA	PRP kVA
1103A-33G	KWise C184G28	400 / 3	32.9	30
1103A-33G	Leroy Somer TAL042C	400 / 3	33.1	30.3
1103A-33G	Stamford S1L2-Y1	230 / 1	31.2	28.5
1103A-33G	Leroy Somer TAL042H	230 / 1	29.9	27.7

Engineering data above apply only to the selected configuration on page 1.

Final enclosure, controls, protection, acoustics and emissions suitability must be specified for the project. This sheet is a configuration guide, not an installation drawing.
DGGB technical specification | Reviewed 2026-10-12

Exact build, performance and delivery scope are confirmed in the quotation.