DGGB20P

20 kVA

ROUNDED CATALOGUE CLASS

Perkins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Perkins

404A-22G

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Perkins 404A-22G

ALTERNATOR

Stamford S0L2-G1

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

19.6 kVA 15.7 kW

STANDBY POWER / ESP

21.2 kVA 17 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	21.2	17	19.6	15.7
208	PS	21.3	17	19.7	15.8
230	SD	21.2	17	19.6	15.7
240	SD	21.3	17	19.7	15.8
400	SS	21.2	17	19.6	15.7
415	SS	21.3	17	19.7	15.8

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

DGGB20P | Perkins 404A-22G | Open set

ENGINE

Manufacturer	Perkins
Model	404A-22G
Aspiration	Naturally Aspirated
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Mechanical
Cylinders	4
Arrangement	In Line
Displacement	2.216L
Bore	84mm
Stroke	100mm
Compression ratio	23.3:1
Cooling	Liquid Cooled
Coolant capacity	7.0L
Oil capacity	10.6L

ALTERNATOR

Manufacturer	Stamford
Model	S0L2-G1
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
2.9 L/h	4 L/h	5.3 L/h	6.1 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
404J-22G	Stamford S0L2-G1	400 / 3	21.4	19.7
403A-15G2	Stamford S0L2-G1	400 / 3	15.9	14.8
404A-22G	Leroy Somer TAL040F	400 / 3	22	20
404J-22G	Leroy Somer TAL040F	400 / 3	22	20

Engineering data above apply only to the selected configuration on page 1. 7 further class configurations are listed on the product page.

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.