DGGB570C

570 kVA

ROUNDED CATALOGUE CLASS

Cummins diesel generator | Open set

NEW DIESEL GENERATOR RANGE

ENGINE PLATFORM

Cummins

KTA19G4

Model-specific drawing supplied with quotation.

SELECTED CONFIGURATION

ENGINE

Cummins KTA19G4

ALTERNATOR

Stamford S5L1D-D41

ELECTRICAL OUTPUT

400 V | 3-phase | 50 Hz

Configuration and appearance are confirmed with the quotation.

PRIME POWER / PRP

507 kVA 406 kW

STANDBY POWER / ESP

565 kVA 452 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)
380	SS	550	440	500	400
400	SS	565	452	507	406
415	SS	550	440	500	400

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

DGGB570C | Cummins KTA19G4 | Open set

ENGINE

Manufacturer	Cummins
Model	KTA19G4
Aspiration	Turbocharged
Combustion	Direct Injection
Cycle	4 Stroke
Governor	Electronic
Cylinders	6
Arrangement	In Line
Displacement	18.9L
Bore	159mm
Stroke	159mm
Compression ratio	13.9:1
Cooling	Liquid Cooled
Coolant capacity	93L
Oil capacity	50L

ALTERNATOR

Manufacturer	Stamford
Model	S5L1D-D41
Type	Brushless
Phases	3
Bearings	1
Poles	4
Leads	12
AVR	AS440
Voltage regulation	1.0% Regulation%
Insulation class	H
Excitation	Brushless
Winding	311
Harmonic content	<5.00%
Short circuit	>300%

REFERENCE FUEL CONSUMPTION

50% LOAD	75% LOAD	100% LOAD	110% LOAD
57 L/h	82 L/h	107 L/h	121 L/h

Reference figures vary with operating conditions and the confirmed duty.

INSTALLATION INFORMATION

REFERENCE WEIGHT	FUEL TANK
4099.5 kg	730 L

Reference frame 9007GA (Export). Drawing, weights and tank capacity are subject to the ordered build.

SPECIFY YOUR PROJECT

Tell us your site load, required voltage and phase, prime or standby duty, ambient conditions and installation requirements. DGGB will confirm a suitable build and its exact specification.

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.