# DGGB70B

## 70 kVA

ROUNDED CATALOGUE CLASS

Baudouin diesel generator | Open set

**NEW DIESEL GENERATOR RANGE**

**ENGINE PLATFORM**

### Baudouin

4M10G2D0/S

Model-specific drawing supplied with quotation.

**SELECTED CONFIGURATION**

ENGINE

**Baudouin 4M10G2D0/S**

ALTERNATOR

**Stamford S1L2-Y1**

ELECTRICAL OUTPUT

**400 V | 3-phase | 50 Hz**

Configuration and appearance are confirmed with the quotation.

**PRIME POWER / PRP**

**63 kVA** 50 kW

**STANDBY POWER / ESP**

**69 kVA** 55 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 | 69 | 55 | 63 | 50 |
| 208 | PS | 69 | 55 | 63 | 50 |
| 230 | SD | 69 | 55 | 63 | 50 |
| 240 | SD | 69 | 55 | 63 | 50 |
| 400 | SS | 69 | 55 | 63 | 50 |
| 415 | SS | 69 | 55 | 63 | 50 |

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

DGGB70B | Baudouin 4M10G2D0/S | Open set

## ENGINE

| | |
|---|---|
| Manufacturer | Baudouin |
| Model | 4M10G2D0/S |
| Aspiration | Turbocharged |
| Combustion | Direct Injection |
| Cycle | 4 Stroke |
| Governor | Electronic |
| Cylinders | 4 |
| Arrangement | In Line |
| Displacement | 4.087L |
| Bore | 105mm |
| Stroke | 118mm |
| Compression ratio | 17.5:1 |
| Cooling | Liquid Cooled |
| Coolant capacity | 17.9L |
| Oil capacity | 13L |

## ALTERNATOR

| | |
|---|---|
| Manufacturer | Stamford |
| Model | S1L2-Y1 |
| 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 |
|---|---|---|---|
| 7.7 L/h | 11.1 L/h | 15 L/h | 16.67 L/h |

Reference figures vary with operating conditions and the confirmed duty.

## INSTALLATION INFORMATION

| REFERENCE WEIGHT | FUEL TANK |
|---|---|
| 923.15 kg | 175 L |

Reference frame 9062GA (Export). Drawing, weights and tank capacity are subject to the ordered build.

## OTHER CONFIGURATIONS IN THIS CATALOGUE CLASS

| Engine | Alternator | V / phase | ESP kVA | PRP kVA |
|---|---|---|---|---|
| 4M10G2D0/S | KWise C224G50 | 400 / 3 | 69 | 63 |
| 4M10G2D0/S | Leroy Somer TAL042H | 400 / 3 | 66 | 60 |

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.