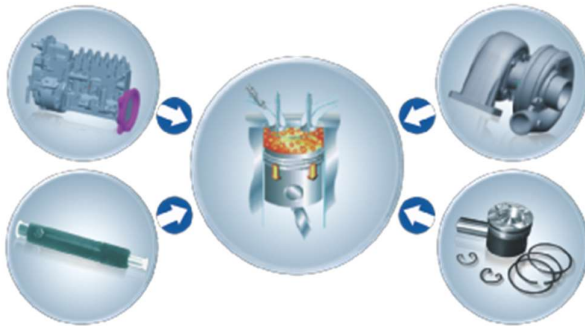


Baudouin Diesel Engines for Generating Sets- : 15 kVA & 25 kVA

For over 100 years, Moteurs Baudouin have been manufacturing the highest quality engines for marine, power generation and a host of other applications. The continuous need to provide reliable and durable engines for land-based power generation, and the high-seas have led to BAUDOUIN being the preferred partner by customers, successfully serving this market since 1918. The Baudouin range of G Drive engines are available from 10 kVA to 2500 kVA and are manufactured, distributed and serviced by SHIG India based at Pune, Maharashtra.



BAUDOUIN G DRIVE ADVANCED ENGINE TECHNOLOGY



- ◆ Engine system optimized for better combustion characteristics and performance.
- ◆ Precision machining & quality controls for long engine life.
- ◆ Lower fuel consumption and minimal operating costs.
- ◆ Advanced & highly efficient filtration systems to protect engine, deliver long engine life with easy maintenance.
- ◆ Unique and sturdy boat shaped oil pan structure for increased heat dissipation, optimize engine temperature and reduce vibrations.

BAUDOUIN POWER-PACK ENGINES

- ◆ BAUDOUIN POWER BANK: Engines designed and manufactured with focus towards green energy meeting the latest central pollution control board (CPCB) norms, as per GSR232 (E).
- ◆ Cooling system with carefully selected radiators to operate with acoustic enclosures in difficult environmental conditions without overheating and thus safe-guarding your engine.
- ◆ Engines are provided with safeties to protect against high water temperature, low oil pressure & over speed etc.
- ◆ Engines have been designed and tested with acoustic enclosures to operate under the most arduous site conditions and are offered with simple mechanical fuel injection system, with best in class performance.
- ◆ Unmatched warranty of 2 years/5000 hours and service on 24 x 7 bases with single-window-service to ensure uninterrupted power from the BAUDOUIN POWER-BANK.

Engine Specification :

| Engine Make | Unit | BAUDOUIIN | BAUDOUIIN |
|---|---------|-------------------|------------|
| Engine model | - | 4M05G2D2/5 | 4M05G4D2/5 |
| Max Engine Power | kW | 20.5 | 27.5 |
| Bore & stroke | mm | 85 x 92 | |
| Displacement | Ltrs | 2.09 | |
| No. of cylinder | Nos | 4- Inline | |
| Compression ratio | - | 18:1 | 17.5 : 1 |
| Fuel system | - | Mechanical FIE | |
| Governing system | - | Mechanical -G2 | |
| Aspiration | - | NA | TCI |
| Starting system voltage | Volt | 12 V DC | |
| Recommended fuel | - | High speed diesel | |
| Fuel consumption @ 75 % load* | Ltrs/hr | 2.4 | 4.6 |
| Fuel consumption @ 100 % load* | Ltrs/hr | 3.0 | 6.2 |
| Cooling | - | Liquid cooled | |
| Total coolant capacity | Ltrs | 6 | 9 |
| Lube oil specification | - | CI4+ 15W40 | |
| Lube oil consumption and fuel consumption ratio | - | <0.1% | |
| Lube oil sump capacity | Ltrs | 8.5 | |

*Fuel consumption data is based on diesel specific gravity of fuel as 0.85 and conforming to ISO: 1460 & as per kWe power output and alternator efficiency of 83-90% based on ratings at NTP conditions. Fuel consumption tolerance is +5%