

DATA SHEET

Ratings @ 0.8 PF

Prime Rating

Stand-by Rating

Voltage* ¹ Frequency* ²



The above ratings represent the generating set capability guaranteed within $\pm 3\%$ at the reference conditions equivalent to those specified in ISO 8528/1 standard.

Notes

Engine Technical Data

| Make & Model | |
|---|--|
| Cylinders & Arrangement | |
| Bore & Stroke (mm) | |
| Induction system | |
| Combustion | |
| Cycle | |
| Compression ratio | |
| Cooling System | |
| Displacement | |
| Lube oil capacity | |
| Coolant capacity | |
| Standard governor (Optional) | |
| Engine Speed | |
| Prime Fuel Cons. (L/H) @100% | |
| Standby Fuel Cons. (L/H) @110% | |
| Radiator Cooling Air | |
| Ambient Temperature | |
| Exhaust temperature °C (max) | |
| exhaust gas flow (m ³ /min) Max. | |
| allowed back pressure (kPa) | |



Certifications

- The complete Generating Set is type-tested according to ISO 8528-8 Standard.
- The control panel is certified by an ISO 17025 accredited laboratory to have IP55 according to IEC 60355



Dimensions

| Length |
|--------|
| Width |

| Height |
|--------|
| Weight |

The above performance data are valid as per the following specs:

- Diesel Fuel is according to BS2869 Class A2 or equivalent.
- Lubricating oil is according to Grade SAE 15W-40 API CI4.
- The coolant should be 50% antifreeze and 50% fresh water.

Alternator Technical Data

| Make & Model | | |
|--------------------------|--|--------------------|
| Frequency / No. of poles | | Winding pitch |
| Ingress protection | | AVR model |
| Insulation class | | Overspeed |
| Terminals (Optional) | | Voltage regulation |
| Excitation system | | Coolant air flow |



DATA SHEET

DEEP SEA 7320MKII

Controls

Indications

Warning & Shutdown Alarms

Features



Genset Standard Features

Fabrication:

- The engine/alternator assembly rests on skid with Anti-vibration mounting pads.
- The skid is made up of durable sheet metals and beams exceeding "Vibration & Torsion" Resistance Norms.
- A skid mounted fuel tank is supplied with fuel gauge, filler cap, fuel inlet and outlet hoses.
- The control panel enclosure is made up of metal sheet .

Paint:

- The skid and control panel enclosure are painted with heat-treated and power-coated electrostatic corona spraying.
- Paints passed durability tests conforming to international quality standards.
- Impact (EN ISO 6272)
- Salt Spray Resistance (ASTM B117-73)
- Humidity Resistance (ASTM D2247)

Works-Testing:

- All Gensets are tested prior to dispatch.
- Test is automatically generated and checked according to ISO8528
- Test certificate is issued for each Genset

Equipment:

- Water cooled Radiator with belt driven blower fan and full guarding
- Electric starter with solenoid Relay
- Battery Charging Alternator
- Energized to run solenoid
- Replaceable fuel, oil and air filters
- Heavy duty lead acid battery with matching capacity (Amps & CCA)
- One loose supplied industrial exhaust silencer – 16 DB noise reduction level.
- Integral Fuel Tank with 117 L capacity.

Documentation:

- User Manual for Operation, Installation and Maintenance guidance
- Wring Diagram.
- Test Report
- Maintenance Schedule
- Catalogues for Engine, Alternator & AVR

Genset Optional Features

- Manual & Automatic Transfer Switches,
- Synchronizing & Totalizing Panels
- Fuel water separator
- Water jacket heater
- Oil heater
- Fuel heater
- Battery heater
- Anti-condensation Heater
- Air Shut-off Valve
- Oil Sampler
- Pre-lube Oil Pump