

Environmentally Friendly Gensets Diesel Engine **6DE-23**



Environmentally Friendly Engines Compliant with
IMO Secondary Regulations

DAIHATSU DIESEL MFG.CO.,LTD.

Environmentally Friendly Engine

We have developed the environmentally friendly economical engines for energy saving, low maintenance cost and have a high potential for meeting stricter exhaust gas regulations in the future, of course IMO Tier 2 compliant.

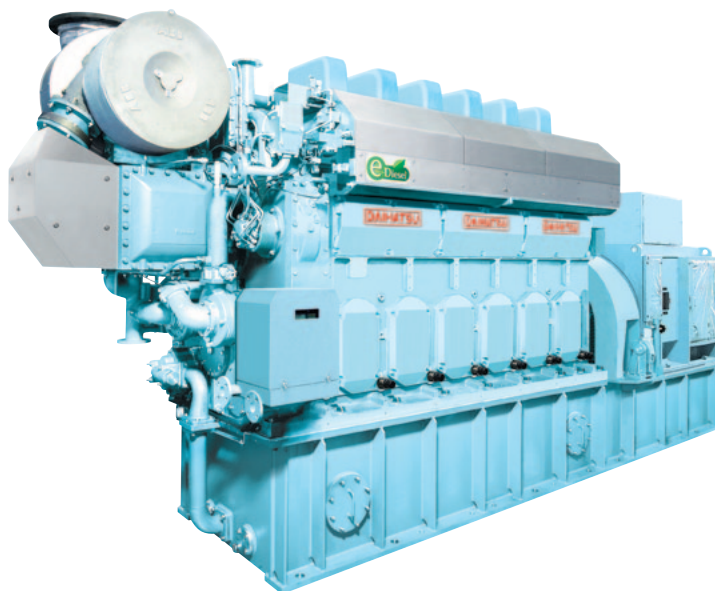
These engines realized the environmental harmony and high performance by long-held technologies of DAIHATSU DIESEL.

Environment

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& R



Easy
Maintenance



Ease & Safety



Environmentally Friendly Engines Compliant with
IMO Secondary Regulations


Durability
Reliability


Economy

Scheme

1 Earth-Friendly Environmental Harmony

① Decreasing Exhaust Gas Emissions

- Conformity with IMO NOx regulations Tier 2 and Tier 3
- Compatibility to low sulfur fuel oil
- Reduction of CO₂ emissions with low fuel consumption and smokeless

② Reduction and Management of Hazardous Materials

- Compliance with the "Ship Recycling Convention" and reduction of the hazardous materials

2 Enhancement in Durability and Reliability for the Long Life

① Reduction of Operation Cost

- Enhancing the durability and the reliability of parts, also achieving low fuel and lub.oil consumption

② Certain Engine Start

- Adoption of the compressed air start system, not influenced by air quality

③ Securing the Lub.Oil Performance in the Long Life

- Improvement of combustion, also adoption of a large centrifugal filter and an automatic backwash filter

3 Improvement in Safety and Assurance

① Perfect Fire Prevention Measures

② Reduced installation work

- Simplified connection points and unitization for easier installation

③ Easy Handling Engine Controller on Engine

- Integration of engine start-stop and protection device, also for easier communication

Specifications

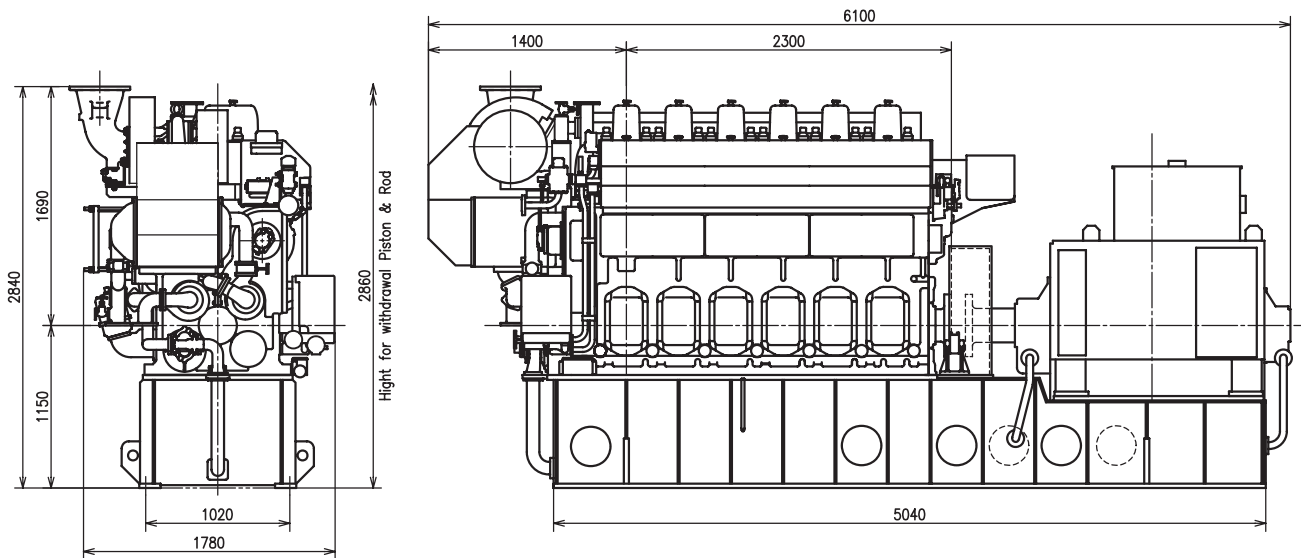
Engine Model		6DE-23	
Cylinder Diameter	mm	230	
Stroke	mm	320	
No. of Cylinders		6	
Engine Revolutions	min ⁻¹	720	900
Engine Output	kWm	800~1,200	1,040~1,500
Generator Output	kWe	760~1,140	988~1,425
Overall Length ^{※1}	mm	6,100	
Overall Width ^{※2}	mm	1,110	
Overall Height ^{※3}	mm	2,840	
Piston Overhaul Height ^{※4}	mm	2,860	
Generator Set Dry Mass ^{※5}	kg	23,000	

※1 Varies depending on the generator. ※2 The maximum width of the common baseplate mounting surface.

※3 The height of the exhaust port from the common baseplate mounting surface.

※4 The height from the common baseplate mounting surface. ※5 Varies depending on the generator.

■ Dimensions



ISO 9001 Accredited
Quality Assurance System Standards of the International
Organization for Standardization
Conforming Sites : Head Office · Moriyama Factory

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- Please refer to the separate brochure for "DAIHATSU AFTER-SERVICE NETWORK".
- All information contained in this Pamphlet is corrected at the time of printing, but will be subject to change without notice.