

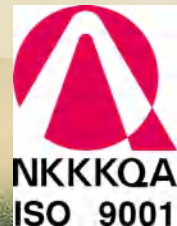
GSD Series

From **JAPAN**



Features :

- The strongly solid structure*
- The compact and light-weight design*
- The long durability and standing performance*
- Wide range of use environment*
- Simple maintenance*



IKEGAI DIESEL Ltd.

富嶽子六景 神奈川沖
浪裏

Applicable Standards

All GSD series generators are designed and manufactured according to the general global standard
Example: JEM-1354, MIL-STD-705B, VDE-0530, NEMA MG1-22, IEC 34, CSA C22 2-100, AS1359 etc.

Standard Conditions for use

- The ambient temperature: - 15 °C ~ + 40 °C
- The use altitude: Less than 1,000 m sea level

Note:

In case of over 40°C of the ambient temperature, the output reduces 4 % at + 5°C.

General Specification

- Output Capacity (Prime) : 25 kVA ~ 413 kVA at 1800rpm
- Frequency: 50Hz / 60Hz
- Phase : 3 phase 4 wires
- Voltage : 200V, 230V, 380V, 400V (Other voltages are available if required.)
- Number of poles : 4P (Low noise type)
- Power factor : 0.8 (lag) • Insulation type : H • Protection type : IP23
- Gas Engine: Doosan
- Fuel : CNG (Methane : 95 %)

Performance

- Voltage Fluctuation : $\pm 1\%$
In case of balanced-load, 100 % of full load, power factor 0.8, the velocity fluctuation -2% - +5 %, the output voltage change can be maintained within 1 %.
- Transient Voltage Change : 15% ~ 20%
The output voltage declined 15% - 20 % by applying 100 % of full load on power factor 0.8, and the declining output voltage recovers in 3 % of the rated voltage value within 0.2 - 0.3 seconds.
- Manual Voltage Adjusting : $\pm 5\%$ (The voltage can be controlled using the trimmer of AVR)
- Wave Form : Less than 5 % (THF)
- Radio Interference : A degree as much as the level G based on the general VDE-0875 standard.
- Single Phase Operation : Capacity for the continuous-running is approx. 60 % of 3-phase load.
- Engine Starter : The starter capacity of the engine is more than 1HP/1kVA.



Caution about the safety

To use a machine safely, always read an instruction manual well before use.

With the un-safe handling, it sometimes becomes an unexpected accident.

Exclusive Distributor

Kyowa & Co., Ltd.

5F, Marutaka Hatchobori Bldg., 2-30-16, Hatchobori, Chuo-ku, Tokyo 104-0032, Japan

Tel : 81-3-3537-6325 Fax : 813-3537-6326 E-mail: sales@kyowa-bussan.jp

HP: <http://www.kyowa-bussan.jp/>

Manufacturer, After Services

- For Sales

IKEGAI DIESEL Ltd. Sales Department
5 Fl, Toho Center Bldg., 4-6, Kanda-Sakumacho,
3-43 Egasakicho, Tsurumi-ku, Kanagawa
230-0002, Japan

- For Products

IKEGAI DIESEL Ltd. Design Department
920-52, Serisawa, Namegata-shi,
Ibaraki 311-3501, Japan

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