

M5A-01D Gas Turbine



2024
Kawasaki
Ecological Frontiers
S class

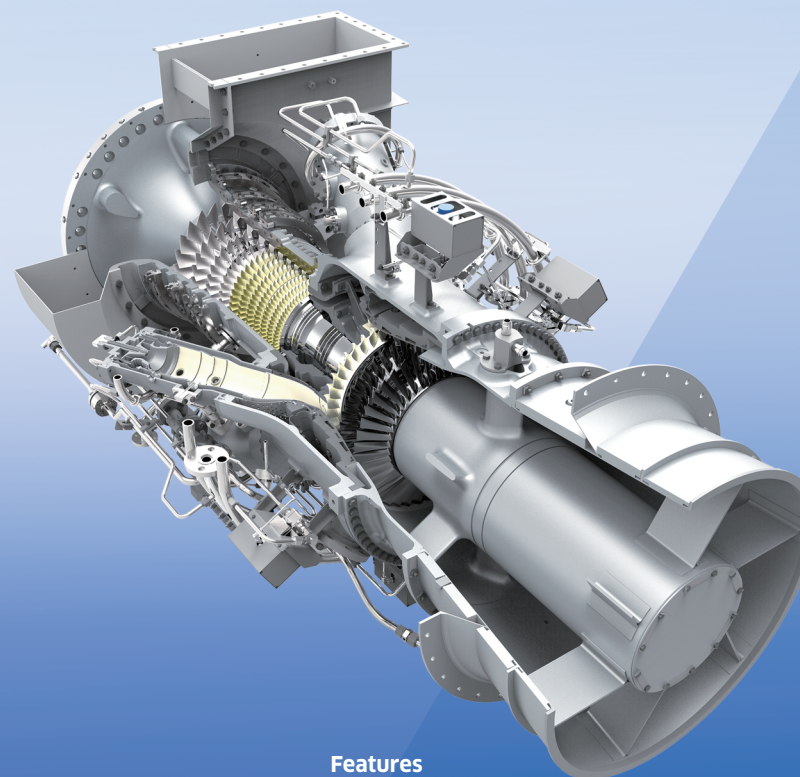
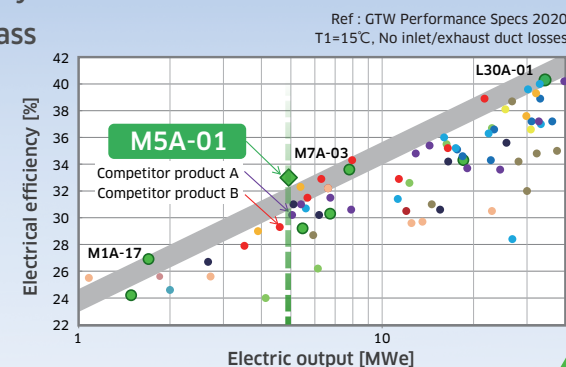
Initial registration: 2018

Kawasaki Heavy Industries, Ltd.

Achieves world's best electrical efficiency and environmental performance in 5 MW class with lightweight, compact design

Achieves the world's highest electrical efficiency of 33.0% in the 5 MW class, and satisfying best-in-class environmental performance with NOx emissions of 15 ppm (O₂ = 15%). It is 20% shorter and 26% lighter than competitors' products.

Using in a co-generation system achieves best-in-class combined efficiency of 85.2%.



Product Description

A gas turbine with best-in class electrical efficiency and environmental performance by use of the small and medium-class industrial gas turbine technology we have accumulated over many years, while inheriting the reliability based on a wealth of experience and achievements, and applying the latest technologies.

Features

- Superior co-generation performance
- Reduced NOx through a premixed combustion method
- Ensures high reliability using proven structure and materials
- Achieves lightweight and compact design, through reducing length by 20% compared to the previous models, using the latest fluid analysis technology
- Shorter downtime for maintenance and longer interval between maintenance
- Quick start-up, with superb operability