The dual fuel MAN 23/30DF is based on the popular and robust MAN 23/30 diesel GenSet, and is available for new buildings as well as an economical retrofit solution. It is ideal for many applications requiring economical power, reliability and full environmental compliance.

**Benefits at a glance**

- IMO Tier III-compliant in gas mode
- High efficiency in Gas and Diesel mode
- Easy operation, easy maintenance and proven reliability
- Long time between overhauls with low life cycle costs
MAN General

- Engine cycle: Four-Stroke
- No. of cylinders: 5, 6, 7, 8
- Bore: 225 mm – Stroke: 300 mm
- Swept volume per cyl: 11.9 dm³

Cylinder output (MCR)
- At 720/750 rpm: 125 kW
- At 900 rpm: 150 kW
- Power-to-weight ratio: 19.8 – 27.2 kg/kW

Compliance with emission regulations
- IMO Tier II
- IMO Tier III (Gas mode)

Main features
- Turbocharging system
  High efficiency constant pressure MAN TCR series exhaust turbocharging system
- Engine automation and control
  MAN in-house developed engine attached Safety and Control System SaCosone
- Air management
  Waste Gate controlled air-fuel ratio in gas mode with jet assist for improved load response and start up time

Output

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*Based on nominal generator efficiencies of 95%
Gas/fuel ratio at load: 20-100% 99/1 (Tier III) | Gas methane number ≥ 80
Note: L23/30 DF Tier III is ready for delivery 4th quarter 2016
Last updated August 2016