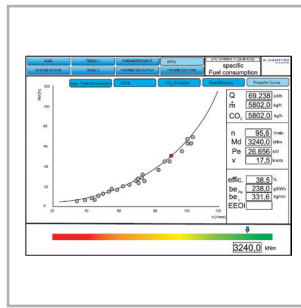




Shaft Power Meter (SPM)

Permanent power measuring system for fuel / propulsion efficiency



The Shaft Power Meter is the cost effective solution when reliable shaft power measurement is required. The system is easy to install and requires no electronic parts on the shaft. The system operates absolutely contact free.

Features

- RPM, Torque and Power signals
- Reliable data
- Fuel / propulsion efficiency
- Key component for fuel performance system FPS 2.0
- PLC based system with web based visualization via Ethernet
- Data storage on SD card

Benefits

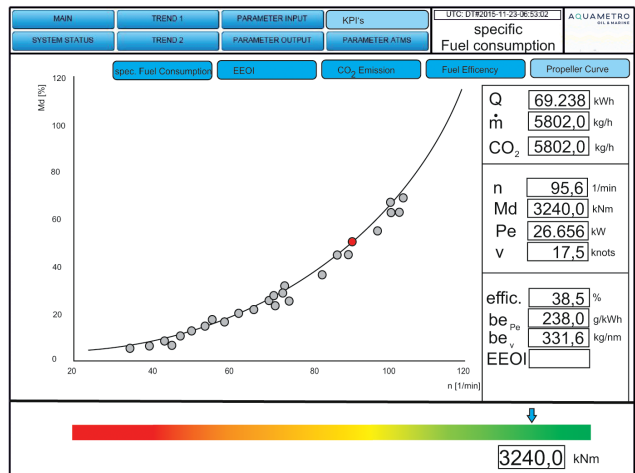
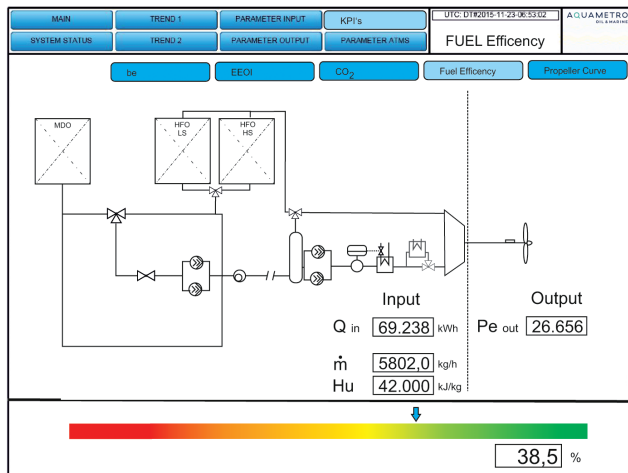
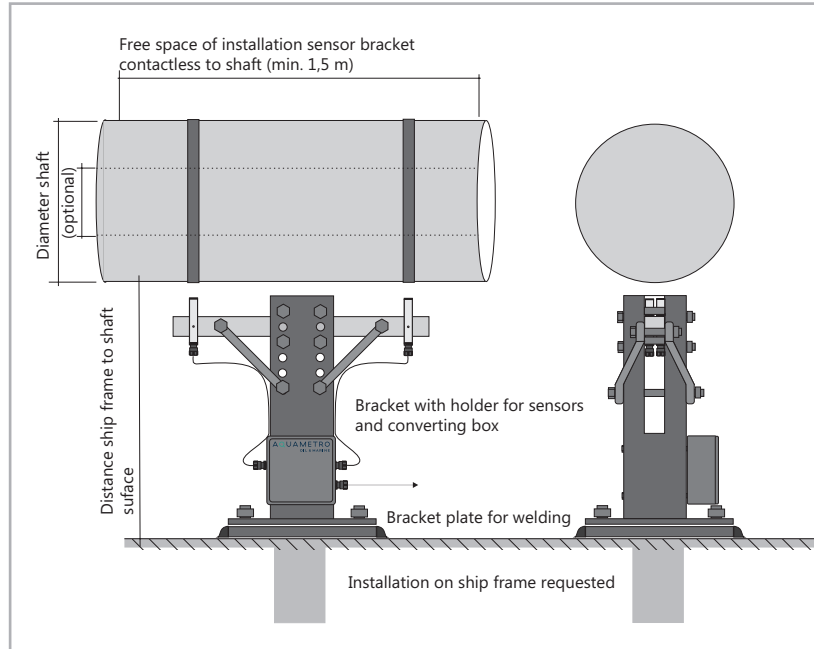
- Easy installation
- Cost effective
- Plug & play by crew
- No installation on shaft
- Maintenance free
- Expandable to fuel performance system

System description

Because of non electronic parts on the shaft the system is maintenance free and absolute robust and reliable. As a feature of the fuel performance system - FPS 2.0 - it can calculate all important data as well as KPI values to optimize your ship performance and fuel efficiency and ship propulsion performance. The Shaft Power Meter can be extended with the fuel performance system (FPS). The connection to any ships automation system can be done easily with analog signals (0 / 4-20 mA). Available outputs are: RPM, Torque (kNm) and Shaftpower (kW) through analog or / and RS485 NMEA signal interface.

Key features

- No electronic parts on the shaft
- No wear and tear
- Easy to install system
- Incl. 0 / 4-20 mA output for rpm, torque & power
- Optional display
- Easy expandable to a Fuel Performance System (FPS)
- Optional LCD remote display
- Web based configuration / visualization via Ethernet connection



Specifications

- Power supply: 24 VDC
- Power consumption: >2 A
- Min / max shaft diameter: 200 / 1200 mm
- Max speed of shaft: 800 rpm

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