

# MAN EcoCam

## MAN PrimeServ

### Outstanding fuel savings with flexible exhaust valve timing.

The MAN EcoCam is a low-cost, simple fuel saving product. This low-load optimized virtual cam gives you lower emissions and instant fuel savings between 10% and 60% load. The MAN EcoCam enables efficient slow steaming with operational flexibility for mechanical engines and is available for engines with a wide exhaust camshaft.

The MAN EcoCam enables a variable cam profile without any mechanical modification of the camshaft itself. It is based on flexible exhaust valve timing that enables adjustment of the closing time of the exhaust valves according to engine load. The MAN EcoCam solution includes an amendment to the existing technical file.

Depending on an engine's load profile, the MAN EcoCam typically generates savings in the range of 2 to 6 g/kW



Fig. 1: MAN EcoCam

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### Key benefits

- Fuel savings between 2 and 6 g/kWh
- Slow steaming with operational flexibility
- Easy installation
- High return on investment
- Easy to operate (automatic)
- Effective between 10% and 60% load
- No exchange of exhaust cam required

### Scope of supply

- Newly designed MAN EcoCam actuator housing for exhaust valves
- Control system including automatic engage and disengage functionality
- Operating panel in the engine control room
- Torsional vibration check

### Applicability

- S50/60 MC-C engines with a special cam profile

### Reference List

- Sold to more than 50 vessels.

### Retrofit & Upgrades

(Two-stroke)

P + 45 3385 1100

retrofitdk@man-es.com

### More information

Would you like to know more about the product, and how the upgrade can improve your specific engine? Then do not hesitate to contact your local MAN PrimeServ office to receive more information about the upgrade!

### MAN Energy Solutions

MAN PrimeServ

Tegholmegade 41

2450 Copenhagen SV, Denmark

P + 45 3385 1100

Primeserv-cph@man-es.com

www.man-es.com/primeserv

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