

SVEM AFSEM

Overspeed protection

SVEM - ASVEM stops the engine in case of overspeed.

Description

The SVEM - AFSEM is a tachometric equipment.

The SVEM equipment is intended to stop diesel engine in case of overspeed (generally 112% of the rated speed of the engine to be protected).

The AFSEM equipment, in addition to the SVEM equipment, is used for speed display and speed thresholds detection for various safeties.

Engines

MAN Energy Solutions France designed and developed the SVEM - AFSEM for S.E.M.T. Pielstick and all 4-stroke engines.



SVEM AFSEM

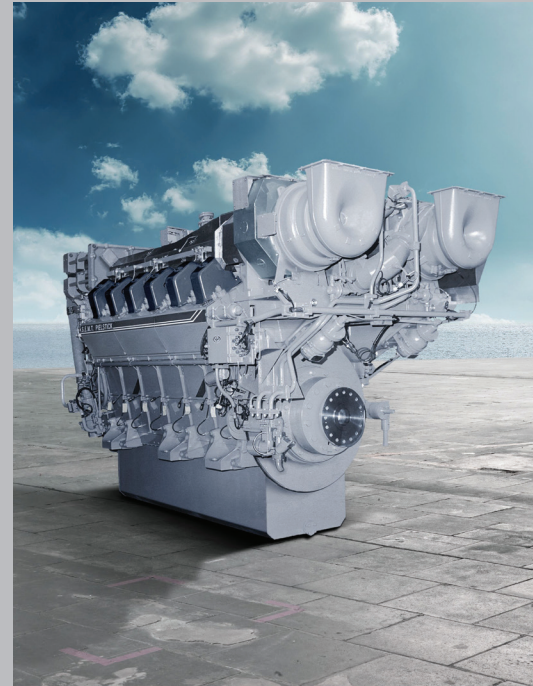
Overspeed protection

Benefits

- Protection against mechanics failures due to potential overspeed
- This technology is able to withstand even in the harshest operating conditions (from -40°C to 85°C)
- Connection to remote safety and alarm systems

Certified Quality

- MAN Energy Solutions OEM products
- All products are CE compliant & approved by societies of classification
- Unit and operational engine tests performed
- SVEM AFSEM is especially compliant to nuclear and navies applications due to its specific qualification



Technical features

- Operating temperature: -40°C to 85°C
- Power supply: 20 to 36VDC
- Max consumption with solenoid valve: 2.1A
- Max consumption with without solenoid valve: 500mA

Components

The SVEM - AFSEM tachometric equipment includes:

- A overspeed detection box
- A speed display box
- A preamplifier
- A speed sensor
- Connection cable

How to equip your installation with Engine Controller?

The elementary design of the SVEM AFSEM allows a short installation time.

Beforehand, the OEM technical support provides a pre-diagnosis, then, in case of need, an engineering study and a dedicated general drawing of location.

References

600 engines, on navies and nuclear installations worldwide, are equipped with SVEM - AFSEM.

MAN Energy Solutions France

Avenue de Chatonay
Porte 7 - BP 427
44615 Saint-Nazaire
Cedex - France
P +33 2 40 90 65 00
F +33 2 40 90 65 89
www.france.man-es.com