

PROPELLERSHAFT EARTHING SYSTEM

JOWA - PES

The high efficient JOWA - PES provides best protection against spark erosion, generated between dissimilar materials of rotating propeller (made of bronze) and steel hull being immersed in sea water.

For many decades now, Jowa has been a trusted and reliable supplier of technical environmental protection equipment to the shipping industry. We can offer every conceivable service for installation, supervision, operation, monitoring and control of Jowa's equipment. You can choose between our own personnel or one of our trained representatives all over the world.

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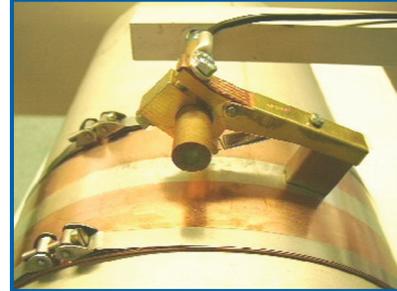
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Main Features

- » high efficient slip ring with inserted solid silver track and silver contact brushes
- » remote voltage monitoring system with adjustable alarm output
- » continuous cleaning device to keep shaft earthing ring clean all the time

JOWA - PES protects the exposed propeller and bearings against galvanic or spark erosion damages. High efficiency silver tracked sliprings and proven contact brushes ensure a short circuit between the rotating propeller shaft and the ship's hull.



The effectiveness of JOWA - PES must continuously be controlled to keep the propeller protected. The voltage meter monitors permanent the present condition with output signal to alarm system.



Constant contamination of silver surface increase the risk of spark erosion due to bad contact. Continuous Slipping Cleaning Device prevents increase of the residual potential and keeps JOWA - PES in safe condition over long time.

