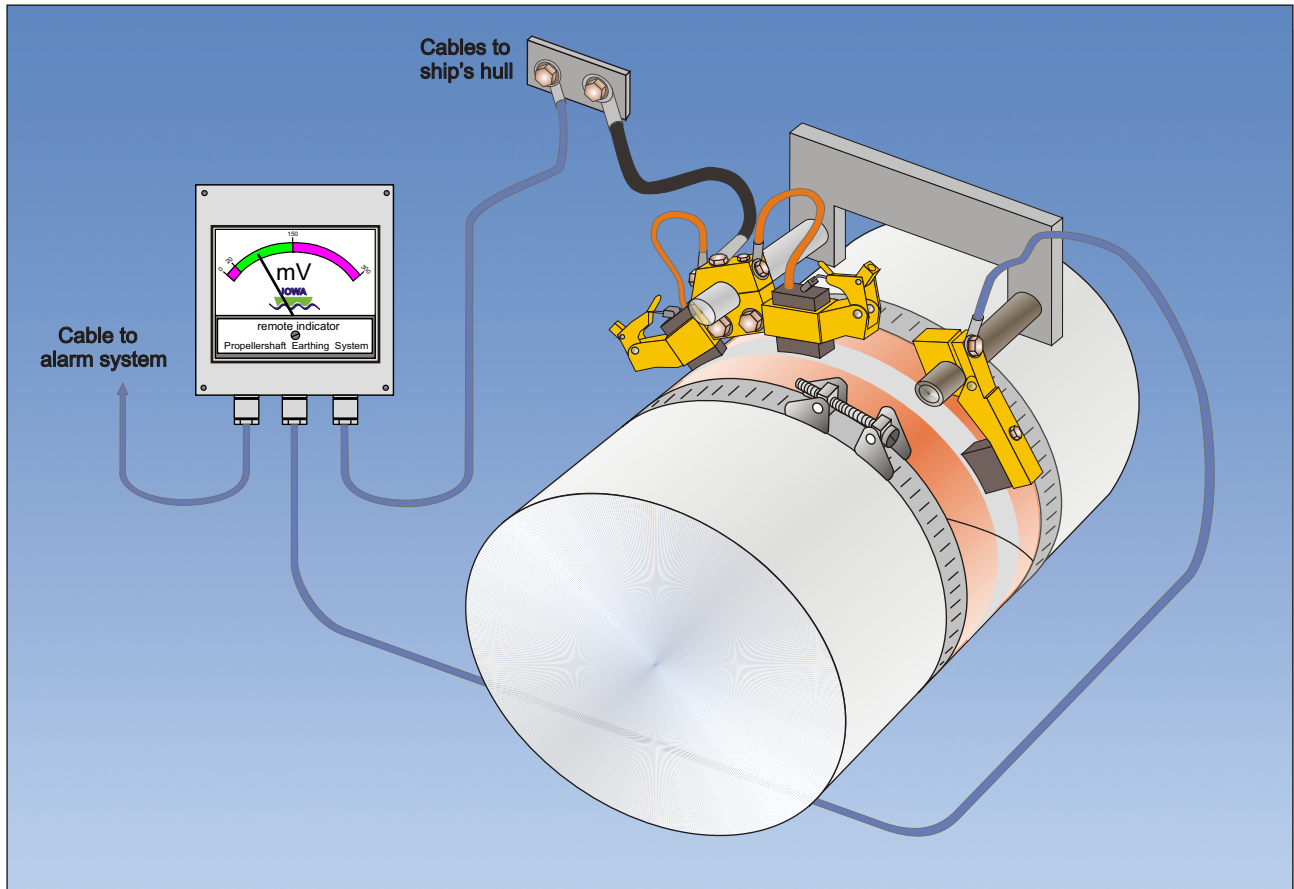


PROPELLERSHAFT EARTHING SYSTEM

JOWA - PES

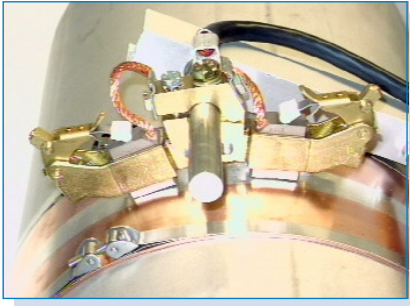


The high efficient **JOWA - PES** provides best protection against spark erosion, generated between dissimilar materials of rotating propeller (made of bronze) and steel hull being immersed in sea water.

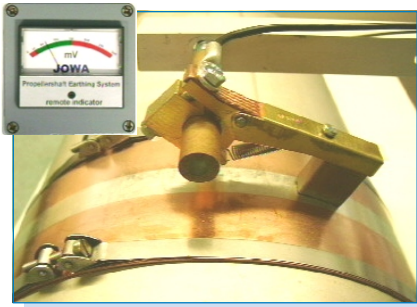
MAIN FEATURES:

- + 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

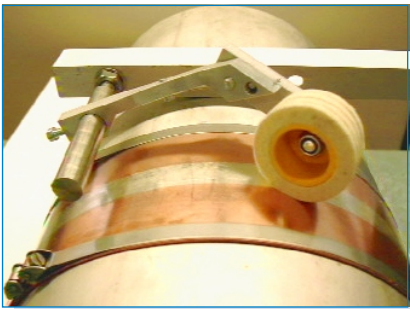




JOWA - PES protects the exposed propeller and bearings against galvanic or spark erosion damages. High efficiency silver tracked sliprings and proven contact brushes ensure a short circuit between the rotating propeller shaft and the ship's hull.



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. Continous **Slipring Cleaning Device** prevents increase of the residual potential and keeps **JOWA - PES** in safe condition over long time.

The **JOWA** Group

JOWA has for many decades been a reliable supplier to the shipping industry of environmentally related equipment. We have oily water treatment series such as Oily Water Separator, Emulsion Breaking Unit, ODMCS; the water equipment series include Fresh Water Generator, Filter, AgS/UV Sterilizer, Sewage Treatment Plant , etc. Services are provided for Installation, Maintenance, Supervision and Commissioning of JOWA equipment either by our own staff or by our trained representatives worldwide.

We reserve the right to make changes without prior notice.

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