WÄRTSILÄ **Engine Services**

WÄRTSILÄ BELLOW AND CONNECTION INSULATION

ENERGY
ENVIRONMENT
ECONOMY

The Wärtsilä Bellow and connection insulation is an easy-to install, low weighted insulation module system for bellows and connecting pieces after the turbocharger.

It is applicable for Wärtsilä Vasa 32, Wärtsilä 32 and Sulzer ZA40S but it can also be extended to GMT230, GMT320, Wärtsilä 26, Wärtsilä 38 and Wärtsilä 46 with full SOLAS compliance.

KEY BENEFITS

- Fullfills SOLAS regulations
- Easy and fast installation and dismantling
- Durable, low weighted construction

RETAINING THE ORIGINAL INSULATION PROPERTIES

Gaining access to the connection piece and bellow after the turbocharger requires removal of the insulation. Once the insulation is removed it is usually difficult to restore its original insulation properties fulfilling the International Maritime Organization (IMO) Safety of Life at Sea (SOLAS) regulations.

The Wärtsilä Bellow and connection insulation resolves this problem, making it an ideal retrofit.

CONVENIENT

The low weight Wärtsilä Bellow and connection insulation features a unique locking system which facilitates easy and fast installation and dismantling whenever needed without losing its original insulation properties. No special tools are required.

A COST-EFFECTIVE SOLUTION

Compared to traditional solutions, the insulation modules' durable and solid construction will easily withstand vibrations and wear. The insulation modules are corrosion protected stainless steel and the insulation material inside will not deteriorate over time.

The design with the unique locking system makes it easy to dismantle the insulation modules and facilitates inspection and maintenance of the exhaust system.

SOLAS COMPLIANT

The Wärtsilä Bellow and connection insulation keeps the surface temperature within IMO SOLAS regulations.

To meet the IMO SOLAS regulations all surfaces with a temperature higher than 220 °C must be properly insulated, since poorly insulated hot surfaces increase the fire risk. Typically the surface temperature of the connection piece and bellow after the turbo charger are well above 220 °C and therefore require proper insulation.

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