Certificate No: LR2001870TA
Issue Date: 11/10/2019
Expiry Date: 10/10/2024

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Dong Yang S & T**
Address	69, Najeon-ro 161beon-gil, Sangrim-myun, Saengnim-myeon, Gimhae-si, Gyeongnam, 50802, Korea, Republic of
Place of Production	Dong Yang S & T 69, Najeon-ro 161beon-gil, Sangrim-myun, Saengnim-myeon, Gimhae-si, Gyeongnam, 50802, Korea, Republic of
Type	Rubber Compensator
Description	Low convolution rubber bellows type pipe compensator
Trade Name	DYV-R, DYV-Y
Application	Marine, offshore and industrial use in salt water and fresh water piping systems. Bilge water limited to duct keel. In case of sea water in engine room, to be protected against flooding as per paragraph 5.13.2.7.3 of the Rules. Ballast water limited to duct keel or protected in engine room as above.
Specified Standard	API Standard 607 : 2010 (6th Edition,September 2010)
Ratings	Design Pressure : 16 bar at 90 °C
Other Conditions	1) The products are to be installed and maintained in accordance with the manufacturer's instructions.

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A member of the Lloyd's Register group

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2) Type Approval does not eliminate the need for normal inspection survey procedures required by the Rules and Regulation.
3) If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to its being supplied to vessels to which the amended standards apply.
4) (in case of applications other than Marine) The application of this Type Approval Certificate will be limited to the relevant scope of the Specified standards and acceptance thereof by the local authorities.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2001870TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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