Certificate No: LR24123827TA
Issue Date: 05/08/2024
Expiry Date: 04/08/2029

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	**Centa Antriebe Kirschey GmbH**
Address	Bergische Str. 7, Haan, 42781, Germany
Type	Flexible Shaft Couplings
Description	Flexible couplings with rubber elements in three different Shore A hardnesses, 50, 60 and 70. Sizes 130 to 460
Trade Name	CENTAX-TT
Application	For main propulsion, essential and non-essential installations on board ships classed or intended for Classification with Lloyd's Register.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships, July 2024
Ratings	Nom. torque from 17.6 kNm to 500 kNm Max. speed from 1500 min^{-1} to 700 min^{-1} (Catalogue CENTAX-TT 05/22)
Other Conditions	For main propulsion only in multi-engine drives, in single engine propulsion systems only, if provided with a "get you home"device.

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Torsten Schroeder

Engineering - Piping/ Decarbonisation -
Senior Specialist to Lloyd's Register EMEA
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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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 99/20031(E7)

The Design Appraisal Document TSO/24-015084 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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