Certificate No: LR2001914TA
Issue Date: 21/02/2020
Expiry Date: 07/11/2024

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	**Dipl. Ing. Herwarth Reich GmbH**
Address	Maschinenfabrik, Vierhausstrasse 53, Bochum, 44807, Germany
Type	Flexible Shaft Couplings
Description	Highly flexible couplings with rubber elements in three different shore A hardnesses (WN=50-55°, NN=60-65°, SN=70-75°) and with silicone elements in shore A hardness WX=55°
Trade Name	ARCUSAFLEX, Sizes AC 2,3 to AC 12D
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 Rules and Regulations for the Classification of Ships, 2019
Ratings	Nominal torque from 330 Nm to 63000 Nm Maximum speed from 4200 rpm to 1300 rpm

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.

The Design Appraisal Document No. HPC/HMD 1259-99, Issue No. 5 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Olaf Schmidt

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