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Certificate No: LR21171469TA Issue Date: 06/05/2021 Expiry Date: 30/08/2025

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 VOSS Fluid GmbH

Address Luedenscheider Str.52-54, Wipperfuerth, 51688, Germany

Type Valves - General

Description Non-return valves, Non-return valve plug-in cartridges, Inner valve-part

installation kits, Shuttle valves

TYPES

Non-return valves Standard VNRO, VNROI, VNROPT, VNROTP and High-

pressure VNROHP, VNROPTHP, VNROTPHP; Non-return valve plug-in cartridges VNRCO; Internal valve part installation kits VNRIO;

Shuttle valves with ball seats VST and with soft seat VSOT

Trade Name Non-return valves Standard VNRO, VNROI, VNROPT, VNROTP and High-

pressure VNROHP

Application General use in marine, offshore and industrial piping systems classed or

intended for Classification with Lloyd's Register.

Specified Standard Lloyd's Register Rules and Regulations for the Classification of Ships, July 2020

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As per VOSS Fluid valves product range catalogue. **Ratings**

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: 15/20087

The Design Appraisal Document HTS/ENS 33231-15, Issue No. 1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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