Certificate No: LR26160043TA
Issue Date: 31/08/2025
Expiry Date: 30/08/2030

# 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<br><br>TYPES<br>Non-return valves Standard VNRO, VNROI, VNROPT, VNROTP and High-pressure VNROHP, VNROPTHP, VNROTPHP;<br>Non-return valve plug-in cartridges VNRCO;<br>Internal valve part installation kits VNRIO;<br>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 2025 |

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

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:** LR21171469TA, (previous 15/20087)

The Design Appraisal Document TSO/25-045514, (previous HTS/ENS 33231-15, Issue No. 1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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