



Lloyd's
Register

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.

This certificate is issued to:

PRODUCER	VOSS Fluid GmbH Lüdenschneider Straße 52-54 51688 Wipperfürth Germany
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, VNROPTH, 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
RATINGS	As per VOSS Fluid valves product range catalogue.
APPLICATION	General use in marine, offshore and industrial piping systems classed or intended for Classification with Lloyd's Register.
STANDARD	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2015
OTHER CONDITIONS	Selection and installation to be in accordance with the producer's instructions and recommendations.

Certificate No.	15/20087
Issue Date	31 August 2015
Expiry Date	30 August 2020
Sheet	1 of 2

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."

The Design Appraisal Document No. HTS/ENS 33231-15, Issue No. 0 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	15/20087
Issue Date	31 August 2015
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Sheet	2 of 2

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LR031.1.2013.12



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