

## CERTIFICATE

Certificate No: N142VHM8

Karlsen, Håkon Surveyor

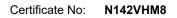
FOR VALVE - PRESSURE REDUCING

This is to certify	
that the product:	Valve assembly
Type designation:	SB-100-SB
Application/context:	The valve may be used in conjunction with installation of speed log or echo sounder
Serial/tag no:	24447
Has been found to comply with relev DNV-RU-SHIP :Rules for classification	rant requirements in: ation: Ships (2022-07)
The product is intended for	
Yard:	-
Yard No:	-
Name of vessel:	STOCK
DNV Id No:	
The product / material has been m	arked: N142VHM8 on: Valve housing
Particulars of Vendor and P	urchaser
Vendor:	Jotron Skipper AS
Vendor reference:	
Purchaser:	
Purchaser reference:	
Issued at Oslo Maritime and CAP	
	for <b>DNV</b> This document has been digitally signed and will therefore not have handwritten signatures
	This document has been digitally signed and will therefore not have handwritten signatures

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: CMC 201 Revision: 2022-12 www.dnv.com Page 1 of





## **Linked Type Approvals:**

TAS00001J9 Rev.1, Bottom Penetration for Echo Sounder, Sonar or Log

## **Surveyor Supplementary information:**

The valve housing has been subjected to a hydro-static pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.

Manufacturing Survey Arrangement No: MSARC0000B3Z

Quality System Certificate No: TI151 ISO 9001:2015

Form code: CMC 201 Revision: 2022-12 www.dnv.com Page 2 of 2