

DET NORSKE VERITAS

Certificate No OSL-11-4584

PRODUCT CERTIFICATE

Manufacturer:	SKIPPER Electronics AS
Manufacturer's order No.:	78263
Purchaser:	Furuno Norge AS 6008 Ålesund
Purchaser's order No.:	
The product is intended for	
Yard:	(TBD)
Yard No.:	
Name of vessel:	<i>"</i>
DNV Id. No.:	P261.1C
THIS IS TO CERTIFY:	
that the product:	Bottom Penetration for Echo Sounder, Sonar or Log
Type designation: Intended purpose: Serial No(s):	SB-60-F1_X, DB-60-SA, SB-100-LA, DB-100-SB, ETNSJB/ETNSLB-100mm The gate valve may be used in conjunction with installation of speed log or echo sounder 11284
Has been built and tested in accordance with the rele	evant requirements of:
The book built and toolog in accordance with the for	
DNV Rules for Classification: □ Other standards	
DNV Rules for Classification: ☐ Ships ☐ Other standards	
DNV Rules for Classification: ☐ Other standards Remarks (if more than one line, use page 2):	:
DNV Rules for Classification: ☐ Other standards Remarks (if more than one line, use page 2): The product was marked: NV-OSL-11-4584	On: Gate Valve
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Technical data:		
Remarks: The valve housing has been subjected to a hydrostatic pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.		
Marking and certificate numbers for the different parts:		
Drawings with dates of approval and/or type approval certificate number: DNV S-6000		

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