



Certificate for Machinery Equipment

Valves

This is to certify that the undersigned Surveyor to LLOYD'S REGISTER did at the request of the below customer, attend the testing and examination of the product(s) described below in accordance with the relevant Rules and Regulations for the Classification of Ships and found it/them satisfactory.

General information

Customer	Jotron Skipper AS
Purchase Order No	129527
Manufacturer	Jotron Skipper AS
Intended for	Warehouse
Customer Work Order No	127015
Date of issue	10 September 2024
Quantity	9 pcs

Particulars

Description	Sea valves and tanks
Size	SB 60 and SB 100 Valves and tanks
Valve body material	EN10213/1.4408
Test pressure body	348 psi
Test pressure seat	-
Design pressure	2bar WP
Set pressure if applicable	-
Quantity	Batch

Identification Marks On Product

I.D number	LR
Surveyors initials	-
Date of inspection	10.09.2024

Remarks

No remarks raised

Johannes Nordtveit
Lloyd's Register EMEA
A subsidiary of Lloyd's Register Group Limited



Page 2 of 2
Certificate No. OSL2400697
First Date of Inspection 10 September 2024
Final Date of Inspection 10 September 2024
Office Oslo

Description	Manufacturer Designation	Serial Number	IMO Number
SB-100-SB		24495	0
SB-100-SB		24496	0
SB-100-SB		24497	0
SB-100-SB		24498	0
SB-100-SB		24499	0
SB-100-SB		24500	0
SB-60-SA		24501	0
SB-60-SA		24502	0
ETNST		N142Y2W6	0

Sertifika No / Number of Cert.: :2024/068

Tarih/Date

1.04.2024

Firma Adı / Customer Name : :LANGTHON AS/ SKIPPER - PO 452476

Malzeme Kalitesi / Material Standard : CF8M / Stainless Steel Casting

Sıra Pos	Döküm No/Heat Number	Malzeme Adı / Material Name	Parça Adeti / Material Quantity	Kimyasal Kompozisyon / Chemical Composition									
				% C	% Si	% Mn	% P	% S	% Cr	%Mo	%Ni		
1	2319	DN65 PN16 INTERMEDIATE BODY	72	0.061	0.84	0.75	0.021	0.019	17.5	2.15	9.08		
2	2329	DN65 PN16 INTERMEDIATE BODY	66	0.055	0.82	0.73	0.017	0.021	17.6	2.08	9.12		
3	2339	DN65 PN16 INTERMEDIATE BODY	62	0.052	0.85	0.69	0.024	0.024	17.5	2.07	9.09		
4													
5													

Mekanik Özellikler / Mechanical Properties

Döküm No / Heat Number.	Akma Dayanımı N/mm ² Yield Strength	Çekme Dayanımı N/mm ² Tensile Strength	Uzama / Elongation %	Kesit Daralması / Reduction of Area %	Darbe Testi / Charpy Impact test J/0°C	Sertlik / Hardness HB
		180 Min.	440	30 Min.	-	-
2319	284.5	504.8	42	-	-	-
2329	291.4	511.6	41			
2339	295.4	498.7	41			

Tahribatsız Testler / Non Destructive Tests

Döküm No / Heat Number.	Parça Adeti / Material Quantity	MT	PT	UT	RT	VT	Microstructure Ranges
2319	72	-	-	-	-	OK	-
2329	66	-	-	-	-	OK	-
2339	62	-	-	-	-	OK	-

Uygulanan Isıl İşlemler / Heat Treatment Applied

Döküm No / Heat Number.	Parça Adeti / Material Quantity	Normalizing °C	Annealing °C	Stress Relieving °C	Quenching °C	Tempering °C	
2319	72	1100°C/ 2 Hours	-	-	-	-	
2329	66	1100°C/ 2 Hours	-	-	-	-	
2339	62	1100°C/ 2 Hours	-	-	-	-	

We hereby certify that the material has been made by an approval process and satisfactorily tested in accordance with the rules of BV,LR and DNV-GL.

Surface quality is suitable with eye examination of MSS SP55 Standard.

KONTROL / CONTROLLED BY		ONAY / APPROVED BY		GÖZETİM / WITNESS BODY (If necessary)	
Adı / Name	Tuncay SARAÇ	Hakan ÇALIŞKAN			
Ünvanı/ Title	Quality Control Engineer	Quality Manager			
İmza/ Signature		 VISVANA SAN. İTH. VE İHR. TİC. LTD. ŞTİ. Türkoiba Mh. Atatürk Cad. No:232 / B-1 Büyükcemce-İstanbul-34398 Tel: (0212) 859 03 24 / (0212) 859 03 24 Büyükcemce V.D. 925 006 3058			
Tarih/ Date	1.04.2024	1.04.2024			

CERTIFICATES:(Validities:DD/MM/..YY)

ASB Certification ISO 9001:2015 Cert No:01/14059/01 (29.12.2023 -28.12.2024)

DNV-GL : Certificate No:AMMM00002YE (05.04.2022-04.04.2025)

Bureau Veritas-Mode II Survey Scheme- Marine Division Cert No:SMS.W.II./57463/A.0 (09.11.2022-27.02.2026)

Lloyd's Register-Certificate No:LR2004266WA (03.07.2020-02.07.2023)



Sertifika No / Number of Cert.: :2024/069 Tarih/Date 1.04.2024

Firma Adı / Customer Name : :LANGTHON AS/ SKIPPER - PO 452475

Malzeme Kalitesi / Material Standard : CF8M / Stainless Steel Casting

Sıra Pos	Döküm No/Heat Number	Malzeme Adı / Material Name	Parça Adeti / Material Quantity	Kimyasal Kompozisyon / Chemical Composition									
				% C	% Si	% Mn	% P	% S	% Cr	% Mo	% Ni		
				0.08 Max	1.5 Max.	1.5 Max.	0.040 Max	0.030 Max	17.0-21.0	2.0-3.0	9.0-12.0		
1	2349	DN100 PN16 INTERMEDIATE BODY	54	0.063	0.81	0.84	0.022	0.023	17.6	2.09	9.12		
2	2359	DN100 PN16 INTERMEDIATE BODY	54	0.053	0.79	0.79	0.019	0.018	17.5	2.14	9.13		
3	2369	DN100 PN16 INTERMEDIATE BODY	50	0.059	0.82	0.68	0.017	0.019	17.7	2.06	9.14		
4	2379	DN100 PN16 INTERMEDIATE BODY	42	0.065	0.77	0.71	0.017	0.022	17.6	2.09	9.09		
5													

Mekanik Özellikler / Mechanical Properties

Döküm No / Heat Number.	Akma Dayanımı N/mm ² Yield Strength	Çekme Dayanımı N/mm ² Tensile Strength	Uzama / Elongation %	Kesit Daralması / Reduction of Area %	Darbe Testi / Charpy Impact test J/0°C	Sertlik / Hardness HB
	180 Min.	440	30 Min.	-	-	-
2349	277.5	509.4	39	-	-	-
2359	279.5	498.4	40	-	-	-
2369	291.4	491.5	39	-	-	-
2379	287.1	487.2	41	-	-	-

Tahratsız Testler / Non Destructive Tests

Döküm No / Heat Number.	Parça Adeti / Material Quantity	MT	PT	UT	RT	VT	Microstructure Ranges
2349	54	-	-	-	-	OK	-
2359	54	-	-	-	-	OK	-
2369	50	-	-	-	-	OK	-
2379	42	-	-	-	-	OK	-

Uygulanan Isıl İşlemler / Heat Treatment Applied

Döküm No / Heat Number.	Parça Adeti / Material Quantity	Normalizing °C	Annealing °C	Stress Relieving °C	Quenching °C	Tempering °C
2349	54	1100°C/ 2 Hours	-	-	-	-
2359	54	1100°C/ 2 Hours	-	-	-	-
2369	50	1100°C/ 2 Hours	-	-	-	-
2379	42	1100°C/ 2 Hours	-	-	-	-

We hereby certify that the material has been made by an approval process and satisfactorily tested in accordance with the rules of BV, LR and DNV-GL.
Surface quality is suitable with eye examination of MSS SP55 Standard.

KONTROL / CONTROLLED BY		ONAY / APPROVED BY		GÖZETİM / WITNESS BODY (if necessary)	
Adı / Name	Tuncay SARAÇ	Adı / Name	Hakan ÇALIŞKAN		
Ünvanı / Title	Quality Control Engineer	Ünvanı / Title	Quality Manager		
İmza / Signature		İmza / Signature			
Tarih / Date	1.04.2024	Tarih / Date	1.04.2024		

CERTIFICATES: (Validities: DD/MM/..YY)

ASB Certification ISO 9001:2015 Cert No:01/14059/01 (29.12.2023 -28.12.2024)

DNV-GL: Certificate No:AMMM00002YE (05.04.2022-04.04.2025)

Bureau Veritas-Mode B Survey Scheme- Marine Division Cert No:SMS.W.B./57465/A.0 (09.11.2022-27.02.2026)

Lloyd's Register-Certificate No:LR2004266WA (08.07.2020-02.07.2023)



PICKING LIST

SKIPPER

SKI-NO: PWO/127132

CASE. 127123

Printed: 06.09.2024 - 09:01

Operation number	Operation	Manufacturing area	Remaining quantity
		PRODUCTION	6 stk

Note

SB-100-SB-LR

Stockloc / Details	Assignment	Quantity	Product
For operation number 200			
1-PALL-00	SSA/134863-1	6 stk	DB-2051
1-PALL-00	31 stk		Intermediate element for xB-100-xB casted
For operation number 100			
1-PALL-01	SSA/135306-1	6 stk	ZCC-01015
1-PALL-01	47 stk		Main element, Ball Valve DN100 PN16/3.1.B
For operation number 200			
1-PALL-03	SSA/134847-1	6 stk	SB-2019
1-PALL-03	12 stk		Bottom flange for SB-100-xx
1-PALL-03	SSA/135226-1	48 stk	ZOA-01075
1-PALL-03	1860 stk		Bolt M16x55 mm DIN933 A4-80
1-PALL-06	SSA/135179-1	6 stk	DB-2031
1-PALL-06	27 stk		Top Flange for XB-100/200-XX
1-S-74	SSA/134001-1	6 stk	DB-2040
1-S-74	188 stk		Washer Ø46x2,5 Ø32,5 for XB-60/100/200-XX
1-T-01	SSA/134599-1	72 stk	ZOA-01036
1-T-01	1512 stk		Nut M16 DIN934 A4
1-T-01	SSA/135091-1	12 stk	DB-2035
1-T-01	484 stk		Gasket Ø47/32,5 X 20mm for XB-60/100/200-XX
1-T-02	SSA/134518-1	36 stk	ZOA-01035
1-T-02	1180 stk		Spring washer M16 DIN127B A4
1-T-02	SSA/135381-1	6 stk	DB-2036
1-T-02	45 stk		Nut M50 Brass for XB-60/100/200-XX
1-T-02	SSA/135468-1	36 stk	ZOA-01035
1-T-02	3000 stk		Spring washer M16 DIN127B A4
3-TK-11	SSA/133955-1	12 stk	ZZA-01127
3-TK-11	4828.5 stk		Metallized, silver polyester label, on roll

Additional parts

Product	Stockloc	Quantity
GVA-LR		6 stk
Sea Valve approval from Lloyds Register		

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SKIPPER
C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24495
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
<u>SB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>DB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>SB-100</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>DB-100</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>ETN- 100mm</u>							<input type="checkbox"/>	<input type="checkbox"/>
<u>SB-200-Echo</u>	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no</u> <u>Body</u>	<u>Heat no</u> <u>Cap</u>	<u>Skipper Part</u> <u>No.</u>
Valve Element:	VB9A	VB9A	ZCC-01015
Intermediate Element:		2359	DB-2051
Bottom Flange:		569485	SB-2019
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar
Tested for 5 minutes with 5 bar pressure,
According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

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SKIPPER
C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24496
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
<u>SB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>DB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>SB-100</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>DB-100</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>ETN- 100mm</u>							<input type="checkbox"/>	<input type="checkbox"/>
<u>SB-200-Echo</u>	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no</u> <u>Body</u>	<u>Heat no</u> <u>Cap</u>	<u>Skipper Part</u> <u>No.</u>
Valve Element:	VB9A	VB9A	ZCC-01015
Intermediate Element:		2359	DB-2051
Bottom Flange:		569485	SB-2019
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar
Tested for 5 minutes with 5 bar pressure,
According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

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SKIPPER
 C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24497
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
<u>SB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>DB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>SB-100</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>DB-100</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>ETN- 100mm</u>							<input type="checkbox"/>	<input type="checkbox"/>
<u>SB-200-Echo</u>	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no Body</u>	<u>Heat no Cap</u>	<u>Skipper Part No.</u>
Valve Element:	VB9A	VB9A	ZCC-01015
Intermediate Element:		2359	DB-2051
Bottom Flange:		569485	SB-2019
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar

Tested for 5 minutes with 5 bar pressure,

According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

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SKIPPER
 C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24498
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
<u>SB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>DB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>SB-100</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>DB-100</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>ETN- 100mm</u>							<input type="checkbox"/>	<input type="checkbox"/>
<u>SB-200-Echo</u>	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no</u> <u>Body</u>	<u>Heat no</u> <u>Cap</u>	<u>Skipper Part</u> <u>No.</u>
Valve Element:	VC9A	VC9A	ZCC-01015
Intermediate Element:		2359	DB-2051
Bottom Flange:		569485	SB-2019
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar

Tested for 5 minutes with 5 bar pressure,

According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

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C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24499
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
SB-60		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
DB-60		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
SB-100		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
DB-100		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ETN- 100mm							<input type="checkbox"/>	<input type="checkbox"/>
SB-200-Echo	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no</u> <u>Body</u>	<u>Heat no</u> <u>Cap</u>	<u>Skipper Part</u> <u>No.</u>
Valve Element:	VC9A	VC9A	ZCC-01015
Intermediate Element:		2359	DB-2051
Bottom Flange:		569485	SB-2019
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar

Tested for 5 minutes with 5 bar pressure,

According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

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SKIPPER
 C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24500
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
SB-60		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
DB-60		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
SB-100		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
DB-100		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ETN- 100mm							<input type="checkbox"/>	<input type="checkbox"/>
SB-200-Echo	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no Body</u>	<u>Heat no Cap</u>	<u>Skipper Part No.</u>
Valve Element:	VC9A	VC9A	ZCC-01015
Intermediate Element:		2359	DB-2051
Bottom Flange:		569485	SB-2019
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar

Tested for 5 minutes with 5 bar pressure,

According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

PICKING LIST

SKI-NO: PWO/129527

CASE. 129520

SKIPPER

Printed: 06.09.2024 - 08:56

Operation number Operation Manufacturing area Remaining quantity
PRODUCTION **2 stk**

Note
SB-60-SA-LR

Stockloc / Details	Assignment	Quantity	Product
For operation number 100			
1-PALL-02 1-PALL-02	SSA/132782-1 2 stk	2 stk	ZCC-02001 Main element DN65 for XB-60-XA
For operation number 200			
1-PALL-06 1-PALL-06	SSA/133743-1 3 stk	2 stk	DB-1031 Top Flange for XB-60-XA
1-PALL-06 1-PALL-06	SSA/133886-1 2 stk	2 stk	DB-1021 Intermediate Element 60 mm
1-PALL-07 1-PALL-07	SSA/134269-1 12 stk	2 stk	SB-1022 Bottom flange for SB-60-XA
1-S-74 1-S-74	SSA/134001-1 188 stk	2 stk	DB-2040 Washer Ø46x2,5 Ø32,5 for XB-60/100/200-XX
1-T-01 1-T-01	SSA/134394-1 167 stk	4 stk	DB-2035 Gasket Ø47/32,5 X 20mm for XB-60/100/200-XX
1-T-02 1-T-02	SSA/132139-1 64 stk	8 stk	ZOA-01048 Washer M12 DIN125 A4
1-T-02 1-T-02	SSA/132838-1 59 stk	4 stk	ZOA-01065 Bolt M12x40mm DIN933 A4-80
1-T-02 1-T-02	SSA/133057-1 143 stk	8 stk	ZOA-01023 Nut M12 DIN934 A4
1-T-02 1-T-02	SSA/133576-1 190 stk	12 stk	ZOA-01066 Spring Washer M12,2 DIN 127B A4
1-T-02 1-T-02	SSA/133931-1 72 stk	8 stk	ZOA-01034 Bolt M16x40 DIN933 A4-80
1-T-02 1-T-02	SSA/134518-1 1180 stk	8 stk	ZOA-01035 Spring washer M16 DIN127B A4
1-T-02 1-T-02	SSA/135381-1 45 stk	2 stk	DB-2036 Nut M50 Brass for XB-60/100/200-XX
3-TK-11 3-TK-11	SSA/133955-1 4828.5 stk	4 stk	ZZA-01127 Metallized, silver polyester label, on roll

Additional parts

Product	Stockloc	Quantity
GVA-LR Sea Valve approval from Lloyds Register		2 stk

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SKIPPER
 C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24501
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
<u>SB-60</u>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>DB-60</u>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
<u>SB-100</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>DB-100</u>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<u>ETN- 100mm</u>							<input type="checkbox"/>	<input type="checkbox"/>
<u>SB-200-Echo</u>	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no Body</u>	<u>Heat no Cap</u>	<u>Skipper Part No.</u>
Valve Element:	CP16M		ZCC-02001
Intermediate Element:		2329	DB-1021
Bottom Flange:		568933	SB-1022
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar
 Tested for 5 minutes with 5 bar pressure,
 According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S

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SKIPPER

C.O. reg no: NO-965378847-MVA

INSPECTION & TEST PROTOCOL FOR SEA VALVE

Document No: Q12-TI-0108-02 2023

SKIPPER sea valve Serial No.:	24502
Class certificate no.:	

Class stamp and certificate no. shall be stamped on main element and bottom flange (welding part)

Class: DNV ABS BV LR RINA NK

Sea valve Type:

		<u>-SA</u>	<u>-SB</u>	<u>-LA</u>	<u>-LB</u>	<u>-F1</u>	<u>SLB</u>	<u>SJB</u>
SB-60		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
DB-60		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
SB-100		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
DB-100		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ETN- 100mm							<input type="checkbox"/>	<input type="checkbox"/>
SB-200-Echo	<input type="checkbox"/>							

Assembly, Items Serial No. / Batch No. / Charge No.:

	<u>Heat no</u> <u>Body</u>	<u>Heat no</u> <u>Cap</u>	<u>Skipper Part</u> <u>No.</u>
Valve Element:	CNCN4		ZCC-02001
Intermediate Element:		2329	DB-1021
Bottom Flange:		568933	SB-1022
Intermediate flange (for DB valves)			

Visual Inspection:

Performed without remarks:

Pressure Test:

Working pressure 2 bar

Tested for 5 minutes with 5 bar pressure,

According to procedure no. 02-Q12_Pressure testing Gate_ball Valve

Performed without remarks:

Date: 09.09-24

Sign.: A.S