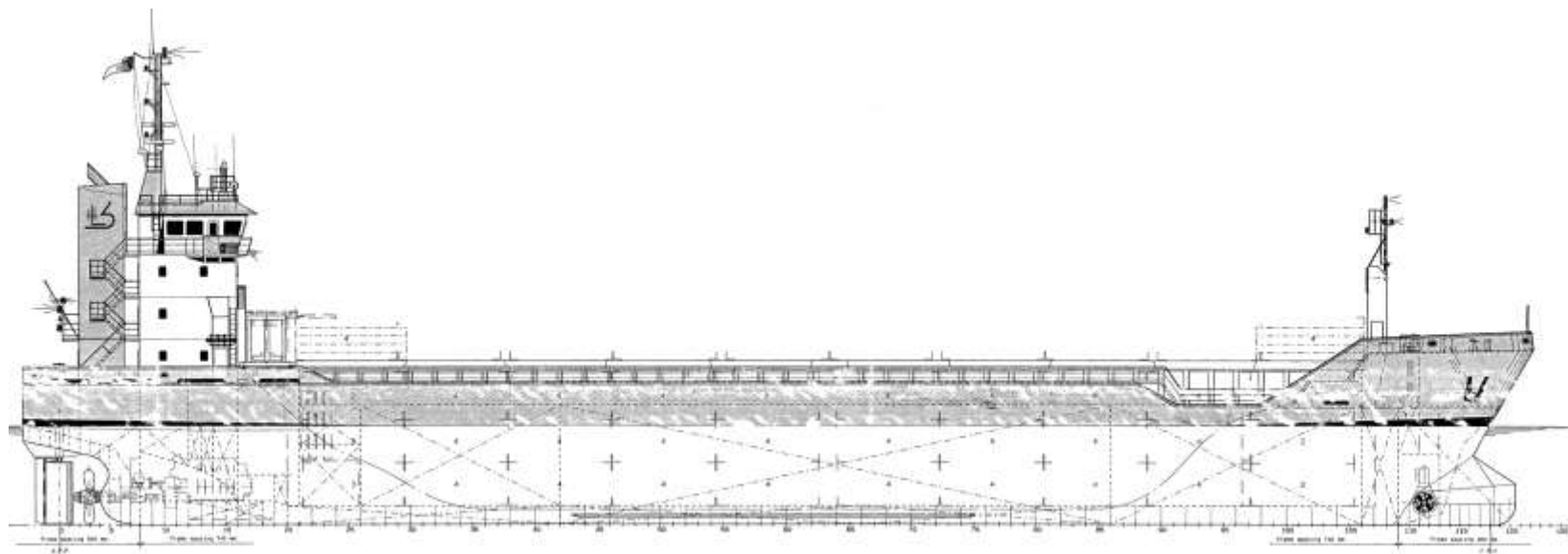




Hermann Lubmann Reedereien  
GmbH & Co. KG  
Ship Management



**Name** LISA (IMO 9235505) – A&B Flag  
**Shipyard** Scheepswerf Pattje B.V. Hoogezand, NL  
**Built** 2001  
**Type** gearless singledecker  
**Classification** GL + 100 A5 E G General Cargo Ship,  
Strengthened for Heavy Cargo  
equipped for the carriage of container  
+ MC AUT  
SOLAS II-2 reg. 19

**Main Dimensions**

Length over all	89,75	m
Length between perpendiculars	84,98	m
Breadth moulded	13,60	m
Draught moulded	6,37	m
Air Draught (incl. draught)	29,30	m
Depth to maindeck moulded	7,20	m
Clear height in hold	8,35	m

**Deadweight (about)**

at 6,37m draught (summer)	4.885	tdw
at 6,42m draught (winter)	4.737	tdw

**Measurement**

GT/NT	2.829 / 1.548
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<b>Service-Speed</b> (bft 2, even keel)	10,00	knts
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**Main Engine**

1 of MAK		
6M25 - Rated power	1800	kW

<b>Propeller</b>	1 x CPP	
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<b>RPM</b>	750	
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<b>Consumption at sea</b> IFO180/MGO/day fully laden	5,80 / 0,20	mts
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<b>Consumption in port</b> MGO/day idle	0,50	mts
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**Reduction gear**

1 reduction gear

**Auxiliary engines**

2 Diesel generator sets, SCANIA DS9 135 kw-50Hz  
1 emergency/harbour generator set type SISU, 110 kVA-50Hz  
2 starting air compressors  
3 Separators: 1x IFO, 1x MGO, 1x Luboil  
1 Fuel oil trim pump  
1 bilge water separator, acc. to Marpol regulations  
2 bilge/ballast pumps, each 150 m<sup>3</sup>/hr a 2,80 bar  
1 Fire Fighting pump  
1 sewage pump  
1 freshwater pressure set  
1 CO<sub>2</sub> Fire Fighting system for engine room and cargo hold

**Bowthruster**

3 Steps	225 kW
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**Tank capacities**

Ballast	1674,00 m <sup>3</sup>
IFO	140,00 m <sup>3</sup>
MGO	216,00 m <sup>3</sup>
Potable water	53,60 m <sup>3</sup>

**Cargo capacity**

Boxshaped hold narrowing fore and aft; see separate drawing  
Hold (grain) 5498 m<sup>3</sup>  
Dimensions cargo hold l x w x h 62,88 x 11,00 x 8,35 m  
Square meter capacity tanktop/hatch 15,00 / 1,60 mts

**Steering Gear**

Electrical hydraulic steering gear

**Anchor and moving winches**

1 electrical driven bow anchor winch with two warping heads  
1 electrical driven capstan aft

**Deck layout**

Rudder, Becker type  
Container fittings on tanktop and on hatch covers  
Lashing eyes in hold and outside of coaming  
Moveable grain bulkhead (2 pcs) with 7 stowage positions

**Weather deck hatch covers**

Steel pontoon hatches with 1 gantry crane  
Dimensions approx 62,70x10,10 m

<b>Air change</b> elec. driven	6 times
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**Container intake**

In hold	111 TEU
On hatch	76 TEU
<b>Total</b>	<b>187 TEU</b>

**Communication equipment**

According GMDSS for Area A3, eMail-Terminal

**Accommodation**

For Captain and Crew of a total 10 persons with heating, ventilation and air-conditioning

Details are given in good faith, believed to be correct, but without guarantee. All figures to read "about" and not to be used for T/C-descriptions Speed basis max. beaufort 2, no swell and no adverse currents. Any Days during which the vessel encounters conditions exceeding these weather conditions are expressly excluded regarding performance evaluation.