



Name Bremen (IMO 961 73 01) – Cyp.-Flag
Shipyard Slovenské lodenice Komárno a. s.
Built 02/2012
Type gearless singledecker
Classification GL + 100 A5 E G + MC E AUT, general cargo ship, strengthened for heavy cargoes, equipped for the carriage of containers on hatch covers only, SOLAS II-2 reg. 19, AHTS, Rhine-fitted, DBC DG C4P44

Main Dimensions

Length over all	89,92	m
Length between perpendiculars	84,00	m
Breadth moulded	12,80	m
Draught moulded	5,65	m
Air Draught (incl. draught)	15,85	m
Depth to maindeck moulded	7,10	m
Clear height in hold	8,10	m

Deadweight

at 5,65m draught (summer)	3967	tdw
at 5,53m draught (winter)	3833	tdw

Measurement

GT/NT	2.589/1.386
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Service-Speed (bft 2, even keel)	11,0	knts
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Main Engine

1 of Caterpillar Motoren, Kiel MAK 8M20C - Rated power	1.520	kW
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Propeller	1 x CPP by Schottel
RPM	1.000

Consumption at sea MGO/day	6,50	mts
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Consumption in port MGO/day	0,50	mts
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Reduction gear

1 reduction gear

Auxiliary engines

2 Diesel generator sets, Volvo Penta, D9MG, 239 KW each
 1 emergency/harbour generator set, Volvo Penta 122 KW
 2 starting air compressors
 2 bail pumps cargo hold, 65 m³/h @ 5 bar

1 CO₂ Fire Fighting system for engine room and cargo hold

Bowthruster

1 x FPP type STT110LK - Output	185kW / 790rpm
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Tank capacities

Ballast approx	1457,00 m ³
HFO approx	193,50 m ³
MGO approx	91,10 m ³
Potable water	52,00 m ³
Lubrication oil	13,90 m ³

Steering Gear

Electric-hydraulic steering gear

Anchor and moving winches

2 bow anchors with 1 electro-hydraulic driven bow anchor winch with two warping heads
 1 stern anchor with 1 electro-hydraulic driven stern anchor mooring winch with one warping head

Weather deck layout

Container fittings on hatch covers only.
 8 times permanent bulk cargo wholes in hatch covers
 Lashing eyes outside of hatch coaming

Weather deck hatch covers

Steel hatches maker TTS Bremen, hydraulically driven (crocodile)

Dimensions approx	57,85x10,20 m
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Air change elec. driven	6 times
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Cargo capacity

Boxshaped cargo hold fitted with two bulk heads
 Hold (grain) with grain bulk heads 4.750 m³ / 167.667 cbft
 Hold (bale) with grain bulk heads 4.636 m³ / 167.173 cbft
 Dimensions cargo hold l_xw_xh 57,85x10,20x8,15 m
 Square meter capacity tanktop / hatch 15,00/1,56 mts
 2 pcs. Moveable grain bulkheads with ten stowage positions

Cargo suitability

Cargo Hold
 Bulk- and grain cargoes, general cargoes,, paper products, steel cargoes, etc., IMDG-Code 1.4S, 2, 3, 4, 5.1, 6.1, 8; BC-Code 4.1, 4.2, 4.3 (FeSi), 5.1, 6.1, 6.2, 7, 8, 9

Weather Deck

General and project cargoes, timber products (no slings o/b), etc., IMO-classes 1-9, container fittings on hatch covers only

Communication equipment

According GMDSS for Area A3, E-Mail, GSM/UMTS

Accommodation

For Captain and Crew of a total 09 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.