


MAIN PARTICULARS

Length over all	142.00 m
Breadth over all	25.40 m
Depth moulded to weather deck	20.68 m
Depth moulded to main deck	8.50 m
Design draft	5.80 m
Dead weight	2,904 t
Lightweight	6,470 t
Gross tonnage	15,187
Net tonnage	4,556
Service speed	18.5 kn

CLASSIFICATION

LR 100 A1 Double-ended RoRo ferry for passengers, vehicles and train for service between PUTTGARDEN & RØDBY, Ice Class 1C, LMC, UMS

TANK CAPACITIES

MDO & HFO	395 m ³
Fresh water	180 m ³
Ballast water	1,220 m ³
Heeling tank PS + SB	430 + 560 m ³
Waste tanks	373 m ³
Scrubber circ. tank	10 m ³

PASSENGER CAPACITY

Max. number of passengers 1,200 pers.

CARGO CAPACITIES

Cars	364 pcu
Truck	625 m
Train track	118 m / 1 track

OVERSIZED CARGO

(l x h x w) 25 m x 4,7 m x 4,5 m

DECK LOAD

Deck 2 max. load trucks	1,4 t/m ²
(2 axles, axle distance 1.50m)	16 t/axle
(3 axles, axle distance 1.35m)	13 t/axle
Deck 4 max. load cars	0,3 t/m ²
(each axle 2,0 t; load distance 2,5 m)	

DIMENSIONS CAR DECK

Free height train deck	4.80 m
Free height car deck	3.20 m

LIFESAVING EQUIPMENT

Life boats semi-enclosed	2 x 150 pers.
Rescue boat	1 x 6 pers.
Fast rescue boat	1 x 10 pers.
MES	4 x 101 pers.
Life rafts	23 x 50 pers.

ENGINE PLANT

Deutschland:	
GenSet MAK 9M32C	1 x 4,500 kW
GenSet MAK 8M32	2 x 3,520 kW
GenSet MAK 6M32	1 x 2,640 kW
ESS capacity*	1,600 kWh
ESS output*	3,500 kW

*) ESS: Energy Storage System

Schleswig-Holstein:	
GenSet MAK 8M32	3 x 3,520 kW
GenSet MAK 6M32	1 x 2,640 kW
ESS capacity*	2,600 kWh
ESS output*	3,500 kW

*) ESS: Energy Storage System

PROPULSION

AquaMaster CRP 4 x 3,000 kW

EMERGENCY GENERATOR

GenSet Caterpillar 1 x 481 KVA

Shipyard: Van der Giessen de Noord,
The Netherlands
Port of Registry: Puttgarden, Germany
Hull no.: 970 & 969