


**MAIN PARTICULARS**

Length over all	142.00 m
Breadth over all	25.40 m
Depth moulded to weather deck	20.60 m
Depth moulded to main deck	8.50 m
Design draft	5.80 m
Dead weight	2,247 t
Lightweight	6,592 t
Gross tonnage	14,822
Net tonnage	4,446
Service speed	18.5 kn

**CLASS**

**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 tanks	144.3 m <sup>3</sup>
Fresh water tanks	89.7 m <sup>3</sup>
Ballast tanks	725.6 m <sup>3</sup>
Heeling tanks	508.6 m <sup>3</sup>
Waste tanks	341.0 m <sup>3</sup>
Scrubber circ. tank	11.6 m <sup>3</sup>

**PASSENGER CAPACITY**

Max. number of passengers 1,140 pers.

**CARGO CAPACITIES**

Cars	364 pcu
Trucks	580 m
Train track	118 m / 2 tracks

**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 <sup>2</sup>
(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 <sup>2</sup>
(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	2 x 650 pers.
Life rafts	12 x 100 pers.

**ENGINE PLANT**

Prinsesse Benedikte:	
GenSet MAN 6L32/44CR	1 x 3,600 kW
GenSet MAK 8M32	2 x 3,520 kW
GenSet MAN 8L32/44CR	1 x 4,800 kW

**Prins Richard:**

GenSet MAN 9M32C	1 x 4,500 kW
GenSet MAK 8M32	3 x 3,520 kW

ESS capacity*	1,600 kWh
ESS output*	3,500 kW

\*) ESS: Energy Storage System

**PROPULSION**

AquaMaster CRP	4 x 3,000 kW
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**EMERGENCY GENERATOR**

GenSet MAN D2840LE	1 x 357 kW
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Shipyard: Ørskov Staalskibsværft,  
Frederikshavn, Denmark  
Port of Registry: Rødbyhavn, Denmark  
Hull no.: 193 & 194