


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	125 m ³
Fresh water tanks	89.7 m ³
Ballast tanks	725.6 m ³
Heeling tanks	508.6 m ³
Waste tanks	341.0 m ³
Closed-loop scrubber circ. tank	11.6 m ³

PASSENGER CAPACITY

Max. number of passengers 1,140 pers.

CARGO CAPACITIES

Cars	364 pcu
Trucks	580 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	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

EMERGENCY GENERATOR

GenSet MAN D2840LE 1 x 357 kW

Shipyard: Ørskov Staalskibsværft, Frederikshavn, Denmark

Port of Registry: Rødbyhavn, Denmark

Hull no.: 193 & 194