

# Electric Fast Ferry 3209

YN571841



## GENERAL

Yard number	571841
Basic functions	Passenger ferry
Ship type	Catamaran
Building material	Aluminium
Owner	Norden Frisia
Classification	Lloyd's Register ✳ A1 Catamaran, SSC Passenger, Class D ✳ LMC, UMS
Flag	Germany EU 2020/411, EU Passenger Ship Directive Wattfahrtrichtlinie Blauer Engel UZ 141

## DIMENSIONS

Length overall	32,30 m
Beam overall	9,90 m
Beam moulded	9,60 m
Depth	3,40 m
Draft zero trim, full loaded	1,20 m
Gross tonnage	255 GT

## CAPACITIES

Passengers	150 p
Fresh water	1,5 m <sup>3</sup>
Sewage	1,5 m <sup>3</sup>
Bilge water	0,2 m <sup>3</sup>

## PERFORMANCES

Speed	17,0 kn
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## BATTERY PACK

Make	EST-Floatech
Type	Octopus High Energy
Cell type	Lithium NMC
Capacity	1800 kWh

## PROPULSION SYSTEM

Main engines	2x PM-motor
Total power	1200 bkW @ 2500 RPM
Gearboxes	2x Reintjes VS 334 P
Propulsion	2x Promarin fixed pitch propeller
Bowthruster	2x Hydrosta Sider, 75 kW each

## AUXILIARY EQUIPMENT

Bilge & Fire Fighting pumps	3+1 electrical pump
Cooling system	Closed cooling for electrical systems
Shore connection	2x 63A, connected to DC-bus
Trim control	Humphree interceptors

## DECK LAY-OUT

Anchor	1x SHHP 161 kg with chain and wire
Anchor winch	Dromec ECA-2200-KB
Life rafts	Viking, s30, 2x 150 DKR, 1x 6DK
Life jackets	For all passengers and crew
Life buoys	4x Life buoy, line and or signal light

## ACCOMMODATION

Fixed seats main deck	150
Benches upper deck	20x aluminium benches
Wheelhouse	3x crew seat, consoles, bench and pantry
Sanitary spaces	3x toilet, 1x wheelchair accessible, urinal unit
Air conditioning	4x Daikin VRV series 5 outside units Inside units in wheelhouse, passenger area and battery compartment

## NAUTICAL AND COMMUNICATION EQUIPMENT – GMDSS area A3

Radar system	1x Furuno FAR 1518 BB
Magnetic compass	1x Lilley & Gillie MK2002S-W
Autopilot	1x Anschütz
GPS compass	1x Furuno SC-70
EPIRB	1x Mc Murdo E8
SART	2x Mc Murdo S5A
ECDIS	Transas Navi Sailor 4000 ECS Radar and sensors overlay 1x Furuno, FE-800
Echosounder	1x Skipper, EML-224
Speed log	1x Phontech CIS 3101
Intercom	Zenitel
PA system	1x Furuno BR-500
Watch alarm	5 camera's, IP based
CCTV	2x Cobham Sailor 7222
VHF / DSC	2x Entel HT 649
Handheld VHF	1x Furuno NX-700B
Naxtex	1x Furuno FA-170
AIS	7x 24" information and announcement displays
Info screens	

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