

Tycho Brahe

Ship type	RoPax ferry
Shipowner	Molslinjen A/S
Shipyard	Langsten Slip & Båtbyggeri A/S



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Main Dimensions

Dwt	2,500 t
GT	11,434
Capacity	1,250 pax / 240 cars
LOA	111.20 m
Beam	28.20 m
Draught	5.50 m

Project type	Ship status	Design scope	Delivery year
Newbuild	Delivered	Concept	1991

Scope of Work for the Shipowner

Project work in two stages, including

- Evaluation of machinery, including both economical and technical studies of 27 different propulsion and machinery concepts
- Evaluation of operational profiles, including speed, power and energy requirements
- Study of the exhaust gas clean-up methods
- Study of heat recovery systems
- Comparison of three z-drive unit concepts against traditional shaftlines
- Comparison of four generator station concepts
- Model tests survey, including both open water and ice tests

Additional Information

IMO number	9007116
Classification society	DNV
Ice class	1C
Sister vessels	Aurora af Helsingborg