

FAST PASSENGER FOIL-ASSISTED CATAMARAN H148 PROJECT

Main Particulars:

LOA	32.0 m
Beam max	8.6 m
Draught:	
fully loaded at speed	1.0 m
at rest with retracted foils	1.0 m
at rest with foils in operational position	2.7 m
Service speed	45 kn.
Main engines	MAN D2842 (4 x 735 kW)
Propulsion	MJP Waterjets Type 450 DD+DB
Gensets	2 x 40 kW / 50 kV*A
Range (34t deadweight; 55-kn. speed)	200 n.miles
Overall fuel consumption at service speed	770 litres/h
Seakeeping	up to 2.0 m significant wave height at 100% MCR
Passenger capacity	200
Deadweight:	18,900 kg
Tank capacities:	
Fuel oil	6,000 litres
Fresh water	500 litres
Septic	500 litres
Foils:	Two fully retractable hydraulically controlled forward fully submerged foils made of high-strength titanium alloy
Interceptors:	Two hydraulically controlled transom inter- ceptors made of high-strength titanium alloy
Rudders:	Two hydraulically controlled supplementary suspended rudders made of high-strength titanium alloy providing great control improvement
Hull & Superstructure	5083 type high-quality marine grade aluminium alloy
Classification	DNV or BV



Design is developed in cooperation with Marinteknik Design (Sweden)

Number of vessels built: 1