AUTO EXPRESS 86

PRINCIPAL DIMENSIONS

Length overall 86.6 metres
Length waterline 74.1 metres
Beam (moulded) 24.0 metres
Depth (moulded) 7.8 metres
Hull draft (approx.) 3.2 metres
Vehicle deck clear heights
  Centre lane 4.4 metres
  Side lanes 2.2 metres
  Mezzanine lanes 2.0 metres

PAYLOAD & CAPACITIES

Passengers 1037
Vehicles 186 cars
  or 10 buses, 144 cars & 15 motorcycles
Maximum deadweight abt. 500 tonnes
Maximum axle loads
  Centre lanes (dual wheels) 12.0 tonnes
  (single wheels) 9.0 tonnes
  Side lanes 1.0 tonne
  Mezzanine lanes 1.0 tonne
Crew 30
Fuel 140,000 litres

PROPULSION

Main engines 2 x GE LM 2500 Gas Turbines
  2 x 18,000kW (25°C) @ 3,600rpm
Gearboxes 2 x Renk
Waterjets 4 x KaMeWa 112 S11

PERFORMANCE (with Ride Control & Bowthruster fitted)

Service speed (485 t DWT, 8.5% MCR) 41.0 knots
Fuel consumption (approx.) @ 8.5% MCR 7.4 tonnes/hr

CLASSIFICATION

Det Norske Veritas
+ 1A1 HSLC K2 Passenger Car Ferry A EO ICS NAUT
Danish Maritime Authority

AUSTAL