PRINCIPAL DIMENSIONS

- Length overall: 86.6 metres
- Length (waterline): 74.2 metres
- Beam (moulded): 23.8 metres
- Depth (moulded): 7.6 metres
- Hull Draft (maximum): 3.2 metres
- Vehicle deck clear heights:
  - centre lanes: 4.5 metres
  - side lanes: 2.7 metres
  - mezzanine lanes: 2.0 metres

PAYLOAD AND CAPACITIES

- Passengers: 774
- Vehicles: 238 cars
  or 10 trucks and 150 cars
- Maximum deadweight: 470 tonnes
- Maximum axle loads:
  - centre lanes (dual axle load): 15.0 tonnes
  - single axle load: 12.0 tonnes
  - side lanes: 3.5 tonnes
  - mezzanine lanes: 1.0 tonnes
- Crew: 26
- Fuel: 160,000 litres

PROPULSION

- Main engines: 4 x MTU 20V 8000 M70
  4 x 8,200 kW @ 1150 rpm
- Gearboxes: 4 x ZF 53000
- Waterjets: 4 x Lips LJ120E

PERFORMANCE

- Speed (308 t DWT, 100% MCR): 45.6 knots
- Fuel consumption (approx.) @ 90% MCR: 5.9 tonnes/hr

SURVEY

- Classification: Germanischer Lloyd • 100A5 • HSC-B • OC3

AUSTAL
AUTO EXPRESS 86

Vessel type: 86m high speed vehicle-passenger catamaran

PROFILE

BRIDGE DECK

UPPER DECK

MEZZANINE DECK

MAIN DECK