



## **KOMETA-120M**

### **SEA PASSENGER HYDROFOIL PROJECT 23160**

#### **BASIC FUNCTIONS**

High-speed passenger transportation (up to 120 persons) during daylight hours using aviation-type seats by sea.

#### **CLASSIFICATION**

Russian Maritime Register of Shipping  
KM [2] Hydrofoil craft Passenger - A

#### **OPERATION REGION AND CONDITIONS**

Climatic category - General "OM" (excluding winter operation).  
Maximum distance from the port - up to 50 miles.  
Distance between the ports - up to 100 miles.  
Operational temperature: +5° ... +30°C.  
Sea water temperature: +5° ... +30°C.  
Air humidity: up to 80% at a temperature +30°C.

#### **SEAKEEPING**

Foilborne,  $h_{w3\%}$  - 2.0 m (Beaufort wind force four).  
Hullborne draft,  $h_{w3\%}$  - 2.5 m (Beaufort wind force five) – safety cruising.

#### **MAIN ENGINES**

- Type: 2 x D2862LE483 (MAN, Germany)
- Total power max: 2 x 1066 kW
- Specific fuel rate: 2 x 222,8 kg/h



#### **TECHNICAL SPECIFICATIONS**

Length overall, m	35,2
Beam overall, m	10.3
Depth at foilborne, m	11.8
Hullborne draft, m	3.5
Full displacement, t	75.0
Passengers	120
Crew	5
Service speed at smooth water, knots (km/h)	35 (65)
Maximum range at full-load displacement and fuel reserve, miles (km)	200 (370)
Cruising endurance, hours	8