SERVOGEAR ECOFLOW PROPULSOR™

Improved Fuel Economy

**Servogear Ecoflow Propulsor™** offers a number of advantages. A more even loaded propeller in tunnel gives a slimmer and lighter design, which means less weight and drag as well as a higher efficiency. We calculate and design our propeller tunnels based on a full utilization of the flow below the hull, ensuring optimum interaction between hull and propulsor. Efficient propulsion means lower fuel consumption, more economic operation and less pollution.

**Servogear Ecoflow Propulsor™** combines efficient propulsion with a high level of comfort. It is most reliable in operation and not sensitive to load changes, which is very important in regular scheduled services.

Tank and full-scale verification tests have proven that the **Servogear Ecoflow Propulsor™** is more efficient than any other known propulsor concept available for high speed vessels operating in the range 20 - 50 knots.
Test Results

This graph shows the typical efficiency of different propulsors. Results from tank tests and full scale verification tests with an optimized Servogear Ecoflow Propulsor™ has been plotted in for the purpose of comparison. The tests were conducted by SSPA in Sweden and MARINTEK in Norway.

Servogear Ecoflow Propulsor™ operational range is illustrated with the blue field in the graph (20 - 50 knots)