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The Smartgyro SG40 and SG80 gyroscopic stabilizers

Sep 30, 2020 08:00 BST

Smartgyro Introduces SG40 and SG80 Gyro Stabilizers

Genoa Boat Show, 1st to 6th October, Stand TR8

Gyro stabilization technology company Smartgyro is introducing the SG40 and SG80, two sophisticated gyroscopic stabilizers offering unique performance and maintenance benefits to boat owners and boatbuilders.

The first two products to be launched from the upcoming complete range of Smartgyro gyroscopic stabilizers, the SG40, for boats from 50ft to 60ft, and

the SG80, for boats from 60ft to 70ft, are ideal for new builds and refit installations on recreational and light duty commercial powerboats.

Maximizing roll reduction under every sea state and condition to improve on-board comfort, the Smartgyro stabilizers combine advanced mechanical, electronic and aesthetic technology to create a high-performance product with a long operating life.

Notable design innovations include the high-speed rotating flywheel in a sealed, airless enclosure to minimize heat generation and reduce power consumption. An exceptional stabilization capacity is offered due to efficient, precise control electronics equipped with algorithms that optimize the operating parameters in real time.

To prevent heat dissipation to the surrounding environment like some other stabilizers, Smartgyro units are liquid cooled, allowing high performance, long life of the bearings and the ability to install the stabilizer even in the hottest places such as engine rooms without compromising performance, or adding cooling auxiliaries systems. A pressurized, closed loop braking system uses hydraulic cylinders and proportional valve, acting on the precession axis of the gyroscope in a dynamically controlled way to ensure the most efficient roll reduction.

The outstanding advantage of the SG40 and SG80 is that all maintenance operations can be performed on-board, significantly reducing downtime and service costs, and extending product life. Measuring just 0.86 x 0.93 x 0.72m (SG40) and 1.08 x 1.11 x 0.87m (SG80), the Smartgyro stabilizers feature a modular design, creating new installation opportunities in vessels with small access spaces.

Smartgyro Sales Manager Carlo Gazerro said: “The SG40 and SG80 are the first in a complete range of gyroscopic stabilizers that has been meticulously designed to incorporate the key benefits that are crucial to boatbuilders and boatowners. The result is an efficient, highly sophisticated product that greatly improves on-board comfort for boaters and is easy to install and maintain. We aim to partner with OEMs to fit our units in new build boats, giving more people the option of experiencing life on-board with a gyroscopic stabilizer.”

Le Spezia-based Smartgyro, backed by strategic partner [YANMAR Group](#) and

its companies, including [Vetus](#), [Maxwell](#) and [Flexofold](#), will launch the SG40 and SG80 at Genoa Boat Show, alongside the company's new brand identity and logo. Smartgyro is preparing to launch the SG20 for boats from 43ft to 50ft by early 2021 in line with its strategy to offer a complete range of stabilizers for boats from 30ft to 80ft, starting with the introduction of SG10 in the near future for the lower end of the range.

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About Smartgyro

Founded in 2014, Smartgyro is a gyro stabilization technology company based in La Spezia (SP), Italy. The company is designing and developing a full range of highly advanced gyro stabilizers for recreational and commercial marine applications, which will come to market model-by-model soon. Smartgyro's mission is to bring boat stabilization for vessels from 30ft to 80ft. More information: www.smartgyro.com.

About YANMAR Marine International

A leading supplier of innovative engines and technology-driven marine propulsion systems, YANMAR Marine International (YMI) supplies the world's cleanest, most efficient, reliable and durable diesel engines for the recreational sector – both sailboats and powerboats – and light duty commercial applications. Its trusted range of common rail marine diesel engines encompass an output range from 40 mhp to 640 mhp, the most comprehensive offering available from any marine engine manufacturer. Committed to the development of advanced technology for the best and most sustainable solutions to meet the evolving needs of boat owners and OEMs, YMI's mission is to enhance the entire boating experience for all its customers. YMI continues to grow its network of service centers worldwide and build on its enviable reputation as a complete systems provider and marine industry ambassador with new partnerships, co-operations and investment.

Based in the Netherlands, YMI is incorporated within YANMAR's global operations, spanning seven business domains on land and at sea. With its beginnings in Osaka, Japan in 1912, YANMAR went on to become the first company to succeed in making a compact diesel engine of practical size in 1933. With industrial diesel engines as the cornerstone of the business,

YANMAR has continued to expand its range of products, services and expertise to deliver total solutions as a diesel engine and equipment manufacturer, providing small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine engines, machine tools, and components.