



***NEW PRODUCT ALERT***



**SMART  
GYRO**

***Smartgyro SG40***



The **Smartgyro SG40** gyroscope was conceived to ensure an effective reduction of uncomfortable boat roll in vessels up to **40 tons**, with very simple installation and management.

With the new mechanical dynamic braking system of the precession axis, Smartgyro can instantaneously adjust the generated anti-roll torque, providing the maximum stabilization capacity.

It only requires the power supply and a seawater connection for its cooling, and it has no complicated start-up procedures: just start up and go.

The control unit can show the ship's pitch and roll angles in real time, as well as its operating parameters and possible failure conditions; it also serves as a remote device for system power on and off.

The Smartgyro management and control can be easily integrated in the on-board automation system, allowing remote diagnosis of the whole system.

#### **SPECIFICATIONS**

<b>Rated Speed</b>	7.500 rpm
<b>Angular Momentum</b>	8.000 N-M-S
<b>Acceleration Time</b>	45 min
<b>Power Supply</b>	
<b>AC Power</b>	2.500 Watt 230 Ac 50/60 Hz Single phase
<b>DC Power</b>	180 Watt 24 Vdc 8 Amp
<b>Sea Water Supply</b>	20 LPM

Ambient Air Temperature 0-60° C

Weight 500 Kg

# Smartgyro SG80



The **Smartgyro SG80** gyroscope was conceived to ensure an effective reduction of uncomfortable boat roll in vessels up to **60 tons**, with very simple installation and management.

With the new mechanical dynamic braking system of the precession axis, SG80 can instantaneously adjust the generated anti-roll torque, providing the maximum stabilization capacity.

It only requires the power supply and a seawater connection for its cooling, and it has no complicated Start up procedures, just start up and go.

The control unit can show the boat's pitch and roll angles in real time, as well as its operating parameters and possible failure conditions; it also serves as a remote device for system power on and off.

SG80's management and control can be easily integrated in the on-board automation system, allowing remote diagnosis of the whole system.

#### SPECIFICATIONS

<b>Rated Speed</b>	5500 rpm
<b>Angular Momentum</b>	15.500 N-M-S
<b>Acceleration Time</b>	50 min
<b>Power Supply</b>	
<b>AC Power</b>	3.000 Watt 380 Ac 50/60 Hz three phase
<b>DC Power</b>	180 Watt 24 Vdc 8 Amp
<b>Sea Water Supply</b>	20 LPM
<b>Ambient Air Temperature</b>	0-60° C
<b>Weight</b>	950 Kg

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