#### MARINE STABILIZATION

# DOMETIC DG3 GYRO STABILIZER

Enhancing user comfort through a wider range of conditions and extending overall time spent on the water, DG3 utilizes the latest technology to provide a premium stabilization experience.

#### **INDUSTRY LEADING**

FIRST ACTIVE GYRO FOR THE RECREATIONAL MARKET

#### **FUTURE PROOF DESIGN**

ALL ELECTRIC PRECESSION ACTUATOR

#### **MAINTENANCE FREE**

ROBUST BEARINGS AND SUPERIOR COOLING



Mobile living made easy.



## WHY CHOOSE DOMETIC DG3 GYRO STABILIZER?

Introducing the first truly active gyro on the recreational market, DG3 boasts industry-leading spin up and down times, coupled with a remarkable 40% reduction in power consumption. DG3 is compatible with 12, 24, or 48V systems and connects seamlessly to multi-function displays via a simple Ethernet connection. DG3 is virtually maintenance free, with the elimination of hydraulics, incorporation of a titanium heat exchanger, and utilizing sealed needle bearings where bushings are traditionally used, ensuring durability.

#### FEATURES

- Industry leading Spin Up/Down Time
- All electric precession actuator technology
- Dynamic Precession Ability for the electric precession actuator to adapt to the sea state
- First truly active gyro on recreational market
- 40% reduced power consumption
- 12, 24, or 48V compatible
- Simple Ethernet connection to MFD
- No hydraulics
- Titanium heat exchanger
- Improved cooling for longer bearing life



**Enhanced Bearing Life** Achieved through the use of larger bearings, configuration, and better cooling methods.



Electric Precession Actuator All electric precession actuator eliminates hydraulics and responds to a wider range of sea conditions





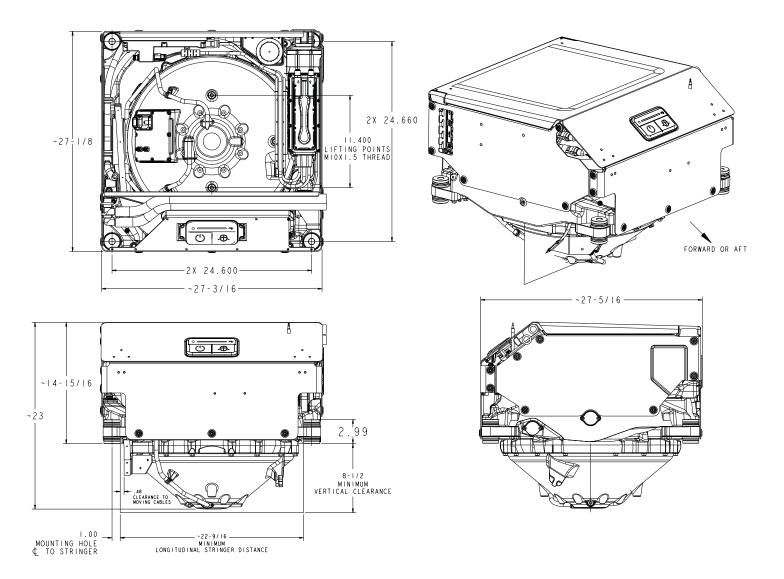
High Performance Brushless DC Motor Custom designed components in-house



DOMETIC DG3 GYRO STABILIZER	
Operating Speed	4700 RPM
Angular Momentum at Operating Speed	3,000 N-M-S
Max Anti-rolling Torque at Operating Speed	8,000 N-M
Spool-up Time to Operating Speed	16.5 minutes (4,700 RPM)
Spool-up Time to Stabilization	9.5 minutes (2,720 RPM)
Spin-down Time	16.5 minutes
Operating Power	260-750 Watts (Sea State dependent) [22 - 63A]
DC Power Input	12, 24, or 48VDC
48V Spin Battery (Included)	10.2L x 7.1W x 10.8H (inches)
Weight	570 LBS (255 KG)
Envelope Dimensions	27.1 L x 27.2 W x 23 H (inches)
	0.688 L x 0.690 W x 0.584 H (meters)
Noise Output	<72 dBC at 1 meter
Seawater Supply to Heat Exchanger	2 GPM (7.6 LPM) minimum
	6 GPM (22.7 LPM) maximum

CONNECTIONS	
Power	4x M8x1.25 studs
CAN communication	M12 5-way male keyed 'A'
Ethernet communication	M12 4-way female keyed 'D'
ENVIRONMENTAL	
Operating Temperature	32° - 140° F (0° - 60° C)
Water ingress protection	IP67
WARRANTY	
Warranty Period	3-Year/ 3000hr standard warranty





### **>> DOMETIC**