

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.

 **DOMETIC**

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 DG3 GYRO STABILIZER DIMENSIONS

