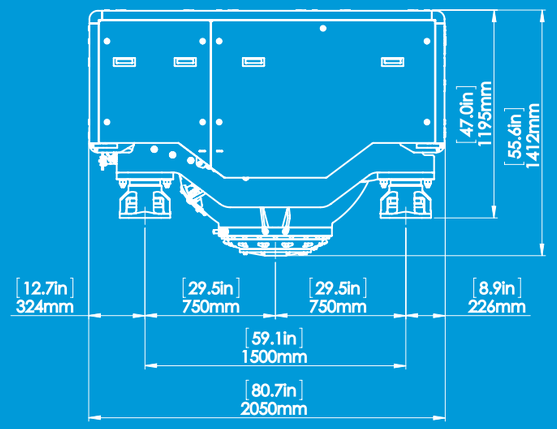


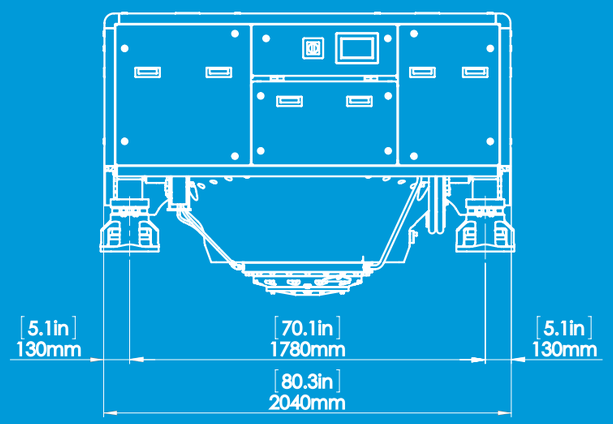


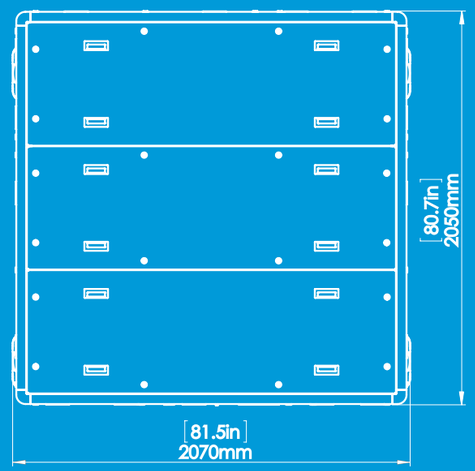


## Technical Specifications

| | |
|---|---|
| **Rated Torque** | 260 kN.m |
| **Angular Momentum** | 100 000 N.m.s |
| **RPM** | 3000 |
| **Length** | 2.05 m |
| **Height** | 1.41 m |
| **Width** | 2.07 m |
| **Cooling Water** | 35-60 lpm |
| **Electrical Power** | 15-25 kW (3 phase) |
| **Total Mass** | 5.35 tonne |

## GyroSize Calculator

To receive a PDF Report describing the VEEM Gyro solutions that suit your project, please use the GyroSize calculator available at:
**www.veemgyro.com/gyro-size/**

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www.veemgyro.com

# VG260

## Class Leading Stabilizing Torque

## 260 kNm!

- **Massive Stabilizing Torque**
- **Safe for Swimmers**
- **Continuous Operation in Severe Weather**
- **Higher Max Speed***
- **Increased Fuel Efficiency***
- **0 to 50 knots**
- **Glass Bridge Interface**
- **No Fin Damage Risk**
- **Simple Installation and Operation**
- **Remote Access Support**
- **Colour Touch Screen**
- **ALL Servicing within yacht**
- **No Dry Docking, Ever**
- **Web Based Status Reports**
- **Low Maintenance**
- **Online Sizing Tool**

* As compared to fins on most yachts.

VEEM Gyro

Less Motion, More Ocean

# 260 kNm Class Leading Stabilizing Torque

## Highest Quality of Comfort Available

***Really Feel the Difference***

High performance custom engineered neoprene vibration isolation mounts prevent noise or vibration transmission to the yachts structure. Patented Smart Torque control system does not require a motion sensor, eliminating one possible point of failure common to other systems. The delay between roll motion and stabilizing torque that fins suffer due to sensing and processing of motion, force actuator lag and hydrodynamic lag, is entirely eliminated. This allows the delivery of massive torque without the 'jerkiness' of fins that can be 'felt' within the vessel. The effect is a remarkably calm, peaceful level of comfort that you just have to experience to believe.

## Safety Features

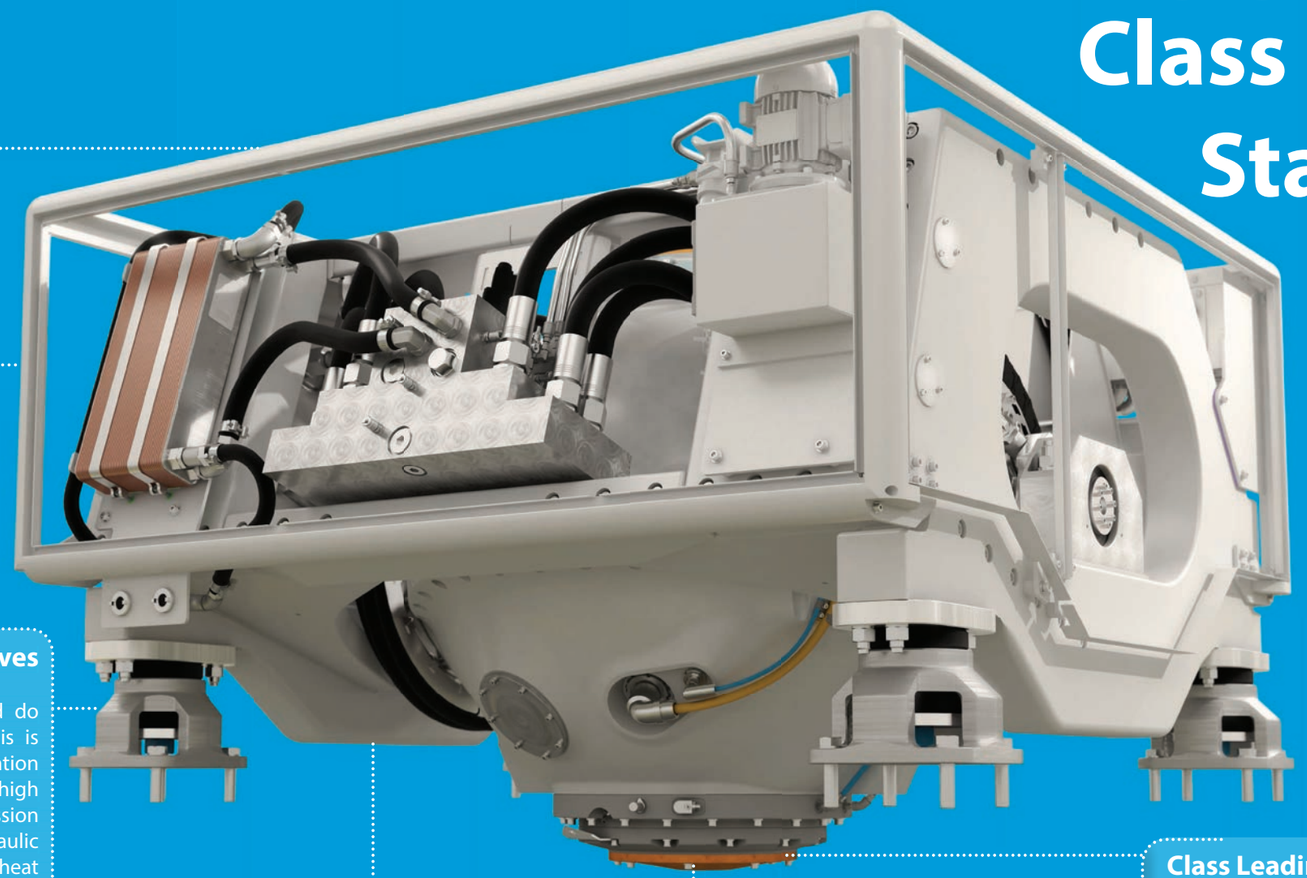
***No compromise***

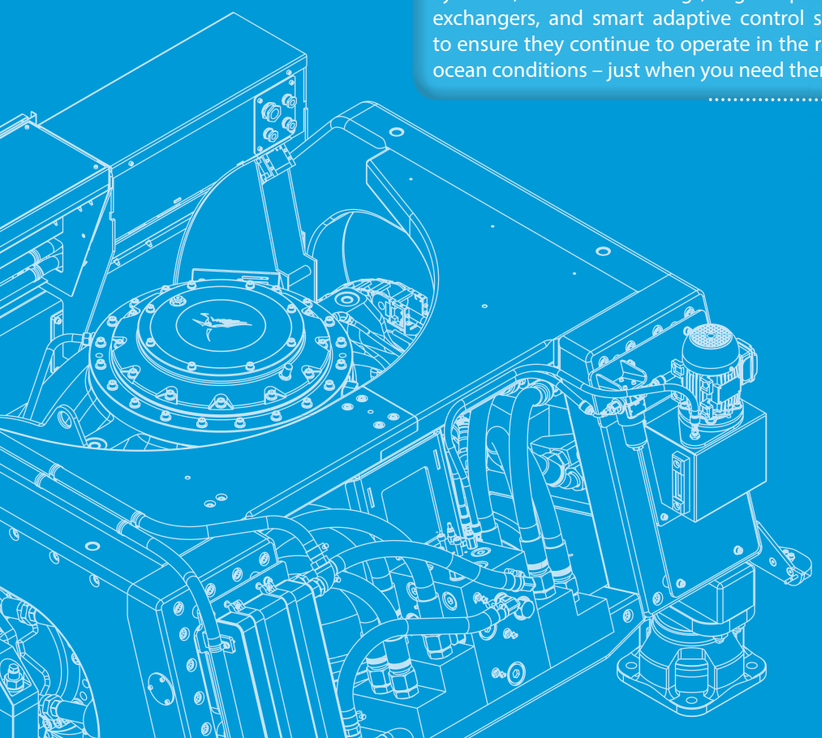
Fully enclosed in a cabinet to prevent injury. Automatically senses a range of alarm conditions and initiates shut down to prevent unsafe operation. Never compromise between comfort on-board, and the safety of your guests. VEEM Gyros provide maximum stabilization while your guests are enjoying watersports, swimming or diving, with absolutely no risk of injury due to fast moving large underwater fins.

## Continued Operation in Severe Waves

***Absolutely Essential***

The last thing any stabilizing system should do is shut down in severe wave conditions. This is exactly what some systems do (check the operation manuals). All VEEM Gyros combine a rugged high strength aluminium base frame, robust precession control quadrant, 350bar rated welded hydraulic cylinders, hoses and fittings, high capacity heat exchangers, and smart adaptive control software, to ensure they continue to operate in the roughest ocean conditions – just when you need them most.





## Low Maintenance Costs

***Without Vessel Slipping***

Comprehensive monitoring system, coupled with ship to shore web based reporting of operational data, enables condition-based maintenance scheduling, saving time and overall cost. All (absolutely all) service tasks can be completed without slipping the vessel or removing major components from the vessel. The on-board vacuum charge pump eliminates any requirement for vacuum maintenance. All cables rotating onto the vacuum chamber are dynamically rated and secured within a cable chain to prevent chafing.

## Simple to Operate

***Clever Control Software***

7" full colour intuitive touch screen is easy to use but offers comprehensive reporting and management of the system at your fingertips. Adaptive smart control software allows 'set and forget' operation that performs 'out of the box'. Glass bridge ethernet comms protocols are also available. Multiple control panel repeater screens are possible (engine room, engineers control room, bridge etc).


## Class Leading Stabilizing Torque 260 kNm !

***More Stabilizing Force***

Premium quality cylindrical roller bearings have many times the force capacity of ball bearings, allowing much higher stabilizing torque to be produced. The Smart Torque control system allows faster precession response, delivering higher max torques with high response rate. The extremely rugged engineered base frame allows large stabilizing torques to be safely transmitted to the yacht. Greater stabilization torque means greater stabilization – a simple fact.

VEEM Gyro

Less Motion, More Ocean