



DIGITAL ROLL FIN STABILIZERS

Keeping you in control.

Keypower has been designing and manufacturing rugged, dependable marine systems for almost 40 years and Keypower's line of digital roll fin stabilizers are no exception. Designed for continuous use in harsh environments, Keypower stabilizers provide more strength and value compared to other stabilizer solutions.

Available in dual or quad configurations, Keypower stabilizers have an innovative fin design built from polyurethane material formed around a rigid stainless steel frame, providing near neutral buoyancy in water. Keypower stabilizers are impact resistant, and able to take much more punishment than any fiberglass or composite material fin of similar size and structure.

Keypower stabilizer fin sizes range from 4 to 24 sq/ft (.37 sq/m to 2.23 sq/m) in surface area and are attached with a keyless tapered shaft to eliminate alignment issues during installation. The keyless shaft design also protects the actuator from extensive damage if the fin is ever subjected to an unexpected impact, thereby reducing ongoing lifecycle costs. The actuator is further protected by a unique multi-redundant seal design that significantly reduces ongoing maintenance to ensure years of trouble free operation.

The Keypower stabilizer system is controlled by a microprocessor that utilizes a gyro roll control. The system can easily be integrated with a vessel's GPS system for automatic adjustments when underway. The controls are preconfigured for ease of installation and, to maximize performance, can be easily fine-tuned through a user-friendly touch screen display. For operational efficiency, the display also provides a near real time visual indicator of the precise fin orientation.

Keypower stabilizers. Dependable, rugged and effective, to help keep you in control.

**Robust
& Reliable**

**High
Quality**

**Commercial
& Pleasure Craft**

**Impact
Resistant**

Key Features

- Innovative polyurethane fin design
- Impact resistant
- Unique mounting collar for ease of installation & maintenance
- Simple, compact design

System Components

- Polyurethane fins
- Mounting collars
- Actuator
- Touch screen monitor
- Digital control box

MODELS

Hydraulic

Model	Stabilizer Area (sq/ft)	Stabilizer Area (sq/m)
KPRF4SF	4	.37
KPRF6SF *	6	.56
KPRF7.5SF *	7.5	.7
KPRF9SF *	9	.84
KPRF12SF	12	1.11
KPRF16SF	16	1.49
KPRF18SF	18	1.67
KPRF20SF *	20	1.86
KPRF24SF	24	2.23
Custom sizes outside of the above or larger than 24 sq/ft (2.23 sq/m) also available. Contact Kobelt for more information.		

* Models indicated have multiple sized actuators to allow for more flexibility in meeting strength and functionality requirements.

Stabilizer System Qualification

To obtain a quote on a Keypower stabilizer, the following information will be requested, to properly size and price a system:

Vessel Information

Description: _____
Vessel length: _____
Beam: _____
Draft: _____
Hull material: _____

Waterline Information

Waterline length: _____
Displacement: _____
Metacentric height: _____

Speed Details

Maximum speed: _____
Slowest speed: _____
(where stabilization is required)
Cruising speed: _____
Fin size used previously: _____
(if applicable)

Common Use Scenarios

- Active stabilization while underway
- Better control in rough seas
- Enhanced fuel savings from reduced roll
- Enhanced hull dynamics

Applicable Vessels

- Yachts
- Pleasure craft
- Passenger vessels
- Research vessels
- Various commercial applications