Two proven systems

Emerson Process Management (www.emerson.com) and Damcos A/S, a leader in developing electro-hydraulic systems, are teaming up to bring you two proven systems that allow you to deliver your marine needs. Emerson’s Local Power Unit (LPU) and Damcos’ Valve Actuator/Valve (VRC) are lightweight and small, compatible with hydraulic VRCs, and safe and durable. These proven systems can be used as part of an extensive solution or to use it in conjunction with other control systems. Our systems can be used on all ship types, except tankers. For contact information, addresses and our product portfolio, please visit: www.emerson.com/products

Expertise within Marine Tank Management

Delivering peace of mind

The reason we spent the last 50 years thinking about valve remote control (VRC) is so you don’t have to. Whether you’re a shipyard or a shipowner, we realize that time is money and that complexity and reliability should not be an issue. Which is why we place such a high value on operational efficiency, minimal maintenance and running costs, and minimizing environmental impact. Our tried-and-tested design makes our Damcos VRC System sets the standard for the marine industry, with all local and international classification and certification authorities. However, beyond classification and certification, Damcos’ deep understanding of the marine customer authorities. However, beyond classification and certification, Damcos’ deep understanding of the marine customer needs, delivers peace of mind.

Hydraulic VRC

- No hydraulic piping needed
- Minimal energy and oil use
- Compatible with other control systems
- Safe and durable

Highlights:

- No hydraulic piping needed
- Minimal energy and oil use
- Compatible with other control systems
- Safe and durable

Emerson’s Local Power Unit (LPU) can be used on all ship types, except tankers. For contact information, addresses and our product portfolio, please visit: www.emerson.com/products

Electro-hydraulic system

- No hydraulic piping needed
- Minimal energy and oil use
- Compatible with hydraulic VRC
- Safe and durable

Highlights:

- No hydraulic piping needed
- Minimal energy and oil use
- Compatible with other control systems
- Safe and durable

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Damcos Valve Remote Control System

Complete, scalable and dedicated to marine needs

Delivering peace of mind

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Damcos Valve Remote Control System

Complete, scalable and dedicated to marine needs
Operating system – Centralized and flexible

Our operating system – Centralized and flexible – offers you a high degree of control, letting you manage all types of Damcos valve controls per cabinet. The key is a patented design that means it requires no additional electrical equipment. Our actuators are available for hydraulic and electro-hydraulic applications, with a high torque output of 100% but also maintain a high degree of flexibility. Our actuators are suitable for both conventional systems and other systems.

Actuators – Compact and adaptable

For those seeking a hydraulic VRC system, our system offers the best in class-balanced performance. Our actuators can be configured to suit your specific needs and the environment they are used in. The key is a compact LPUM that eliminates the need for demounting. Our actuators are suitable for hydraulic and electro-hydraulic applications, with a high torque output of 100% but also maintain a high degree of flexibility. Our actuators are available for hydraulic and electro-hydraulic applications, with a high torque output of 100% but also maintain a high degree of flexibility. Our actuators are suitable for both conventional systems and other systems.

Control cabinet – Intelligent and lightweight

A hydraulic VRC system is supported by a number of actuators. The actuators are available in a range of configurations, from low-cost actuators to more advanced models. Each actuator is designed to fit your specific needs. In addition, the system offers a high degree of flexibility, with a high torque output of 100% but also maintain a high degree of flexibility. Our actuators are available for hydraulic and electro-hydraulic applications, with a high torque output of 100% but also maintain a high degree of flexibility. Our actuators are suitable for both conventional systems and other systems.

Benefits for shippers

- Highly reliable system, tried and tested in field
- Offshore high load, high speed, and low maintenance
- Durable, maintenance free
- Exceptionally smooth operation
- Industry leading efficiency
- Environmentally friendly
- Economy in operation

Benefits for shipowners

- Exceptionally safe and environmentally sound
- High performance and compact size gives more cargo space
- Unique, patented design minimizes operating and maintenance costs.
- Adaptable to the system to your specifications.
- Easy to adapt around the world.
- Cost-effective solution
- Upfront capital expenditure
- Superior quality, craftsmanship and reliability

Benefits for shipbuilders

- Highly reliable system, tried and tested in field
- Offshore high load, high speed, and low maintenance
- Durable, maintenance free
- Exceptionally smooth operation
- Industry leading efficiency
- Environmentally friendly
- Economy in operation

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