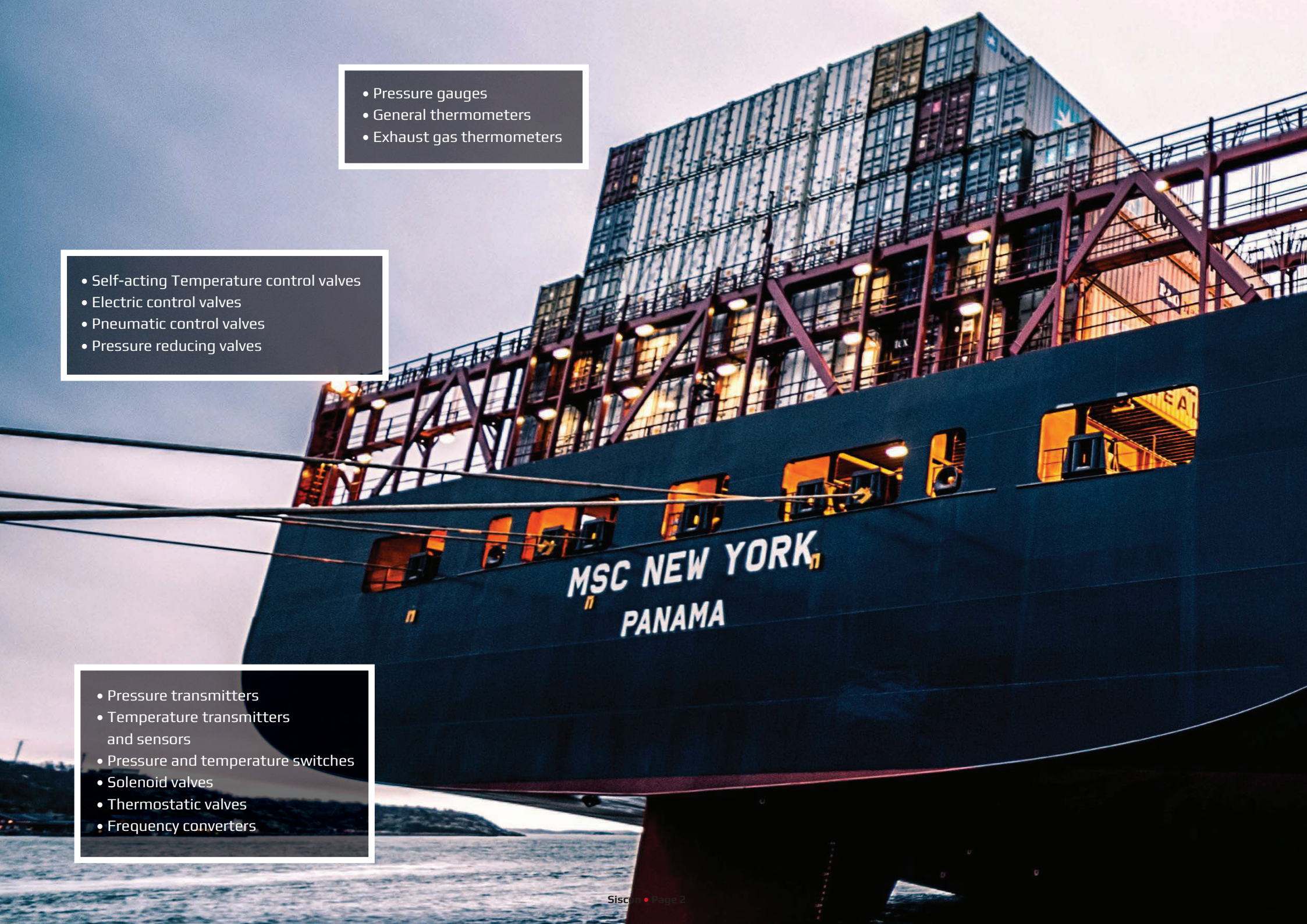


SISCON MARINE & INDUSTRIAL SOLUTIONS
ALWAYS IN CONTROL

SISCON
VALVES & INSTRUMENTS

- 
- A large container ship, the MSC New York, is shown at sea during dusk or dawn. The ship's hull is dark blue with the name "MSC NEW YORK" and "PANAMA" in white. The upper decks are filled with stacks of colorful shipping containers (blue, red, yellow, and white). Warm interior lights are visible through the ship's windows and on the deck, contrasting with the cool tones of the twilight sky. The ship is moving through the water, with a wake visible at the bottom.
- Pressure gauges
 - General thermometers
 - Exhaust gas thermometers

- Self-acting Temperature control valves
- Electric control valves
- Pneumatic control valves
- Pressure reducing valves

- Pressure transmitters
- Temperature transmitters and sensors
- Pressure and temperature switches
- Solenoid valves
- Thermostatic valves
- Frequency converters

- Remote valve control systems
- Quick dosing valve systems

- Stop valves
- Butterfly valves
- Gate valves
- Diaphragm valves
- Ball valves
- Check valves
- Storm flap valves
- Self-closing valves

- Stainers / 65 / 103 TON
- Mud boxes
- Safety valves Control valves
- Fire hose valves
- Steam valves
- Water valves
- DIN, JIS & ANSI valves
- Actuators

CONTENT

Preferred supplier	page 4
Meson Group	page 6
Danfoss Industrial Automation	page 10
Clorius	page 14
ARI Armaturen	page 22
Valve Automation	page 24
Danfoss Automation	page 25
Siemens	page 27
Proof of Quality	page 28
Standards & Certifications	page 29
Innovation	page 30
Siscon & Partners	page 31

SISCON | PREFERRED SUPPLIER

As Preferred Supplier for valves, actuators, and instrumentation. Siscon meets your requirements with experience and flexibility, and with a passion for precision. Every liquid, for every vessel, as well as for industrial applications on land. The experience is our strength. From individual valves to control solutions, Siscon is your partner for global projects. Our customers come from all over the world. Ship owners, shipbuilders, OEM & Skid builders, spare part suppliers, designers and developers rely on our complete solutions.

SISCON
VALVES & INSTRUMENTS

**PREFERRED
SUPPLIER**

MARINE AND INDUSTRY

At SISCON we believe that success comes from teamwork. We apply all our company resources at the service of our customers and partners, experience and network of experts, to our knowledge, energy and innovative spirit of our people.

We cater to the specific needs of the maritime and industrial sectors by delivering premium, high-efficiency flow management solutions—including top-quality control valves, actuators, and measurement instruments engineered to support and advance zero-emission technologies.

OUR MAIN INDUSTRIES



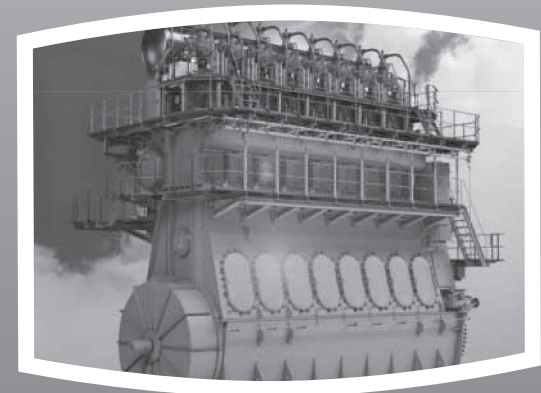
MARINE

- Main and auxiliary engine cooling systems
- Fuel and lubricating oil temperature control
- Tank heating and cleaning



INDUSTRY

- Cooling systems on Biomass, Oil & Gas and nuclear power plants
- Cooling water and lubricating oil temperature control on power units



ENGINE BUILDERS

- Customer specific engineered valves for main and auxiliary engine cooling systems
- Pressure and temperature sensors for reliable measurements

COMPLETE RANGE, RELIABLE AND + 5.000 PRODUCTS IN STOCK

Meson valve has decades of experience from different applications. Meson knows challenges in each industry, and have the solutions for every need.

Repair & Retrofit

To meet the needs of shipyards, Meson valves offers a broad product range, short lead times and application knowledge. Our competence and availability keeps downtime to a minimum.

Newbuild Meson valves is an experienced partner, with the required competence to support newbuild. We offer quality products with a long life span, making them a sustainable choice.

SISCON
VALVES & INSTRUMENTS



MESON GROUP

TRUSTED BRANDS

HIGH QUALITY MARINE VALVES

FOR MARINE AND INDUSTRY



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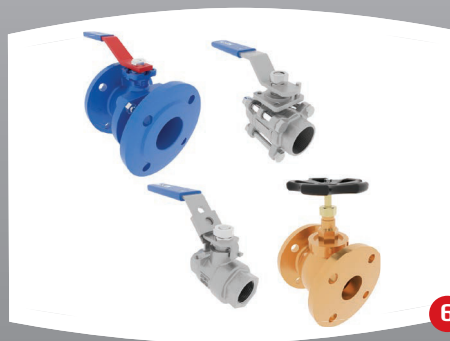
3



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7

- 1 Stop & Globe valves
- 2 Quick closing valves
- 3 Fire hose valves
- 4 Gate valves
- 5 Butterfly valves
- 6 Ball valves
- 7 Storm flag valves & check valves

MESON VALVES

WHEN PERFORMANCE MATTERS

- Produced according to ISO 9001:2015
- Stock Keeper
- In house certification with permission of the major classification societies
DIN / ANSI / JIS Valves

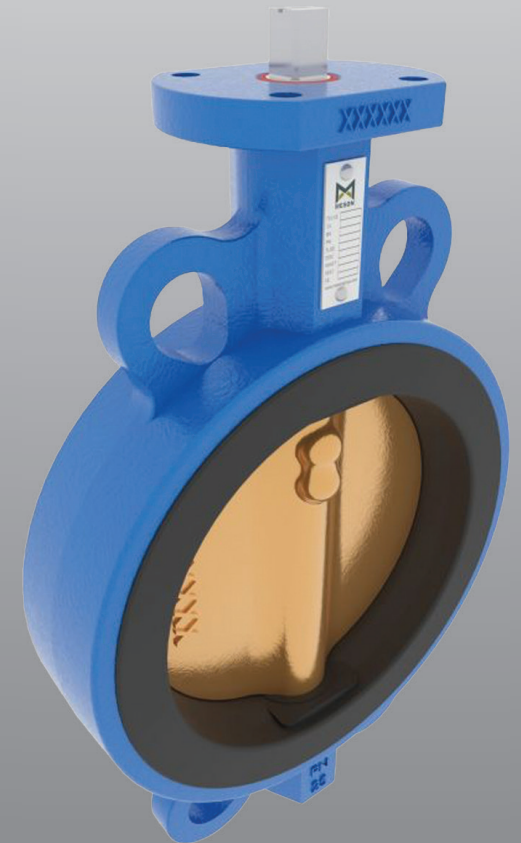
SISCON
VALVES & INSTRUMENTS

**WE
BRING
THE
FLOW
TO
THE
WORLD**



TRUSTED BRANDS

Meson has approval to do self-classification and can quickly deliver valves with Marine approvals



AUTHORISED TECHNICAL PARTNER OF DANFOSS INDUSTRIAL AUTOMATION

- Danfoss Knowledge Center
- Danfoss Stock Holding Partner
- Danfoss Engineering Support
- Certified Partner



Danfoss Sensing Solutions – Your partner Authorised Technical Partner

Siscon Valves & Instruments

Danfoss Sensing Solutions, formerly Danfoss Industrial Automation, offers an extensive portfolio of advanced sensor technologies and application expertise. Our goal is to help the industries and people we serve to embrace a digital-focused future with industry-leading know-how, world-class support, and sensors that enable a connected and sustainable future.



Danfoss
TRUSTED BRANDS

DANFOSS

AUTOMATION FOR MARINE & INDUSTRIAL APPLICATIONS



1



2



3



4



5

- 1 Danfoss Pressure Transmitters
- 2 Danfoss Pressure Switches
- 3 Danfoss Temperature Sensors
- 4 Danfoss Temperature Switches
- 5 Danfoss Solenoid Valves

✓ With ship approval!



DEDICATED DRIVES

- DANFOSS Drives' solutions for the marine and offshore industry have the highest number of class type approvals from nine authorities: CNV-GL, ABS, Bureau Veritas, Korean Register, CCS, RINA, Lloyds Register, RMRS and Class NK.
- DANFOSS Drives, we are the world's largest independent drives provider, offering the full breadth and depth of product range needed for any application. Whatever your need, ask us – and you will always get the right drive for your application.
- Meet the unique requirements of your applications
- Operate at peak performance
- Optimize efficiency



Danfoss

TRUSTED BRANDS

DANFOSS DRIVES

FOR YOUR MARINE APPLICATIONS



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4

- 1 Danfoss iC@ Intelligence Automation Drives
- 2 Danfoss VACON@ Intelligence Automation Drives
- 3 Danfoss VLT@ MCD Soft Starter
- 4 Danfoss VLT@ FC Drives & AFE



TEMPERATURE CONTROL VALVES

FOR MARINE HEATING, COOLING AND VENTILATION SYSTEMS

- Unique and robust design
- Precise regulation
- High reliability
- Low maintenance cost
- Longer life-cycle
- Complete documentation

SISCON
VALVES & INSTRUMENTS



Clorius
CONTROLS

TRUSTED BRANDS

**MORE THAN
A CENTURY**

DELIVERING QUALITY SINCE 1902



Electric actuator
3 point, analog
DN65-800

ELECTRIC



Pneumatic actuator
spring close/open
positioner
DN15-300

PNEUMATIC



Thermostat
DN15 - 150

SELF-ACTING



3-way control
valves rotary

PNEUMATIC

SOLUTION OVERVIEW



CONTROL VALVE APPLICATIONS

CLORIUS VALVES ARE THE PREFERRED CHOICE OF THE DIFFERENT INDUSTRIES

within the last five years.

- Being installed in more than 1500 vessels within the last five years
- More than a century delivering quality, since 1902.
- Pioneering technology.

SISCON
VALVES & INSTRUMENTS



Clorius
CONTROLS

TRUSTED BRANDS

PREMIUM

FLOW MANAGEMENT SYSTEMS

TYPICAL APPLICATIONS

- Oil preheating
- Lubricating oil heating
- Engine jacket cooling water - (self-acting)
- Engine jacket cooling water - (electric)
- Central cooling water systems
- Heating systems for fresh water generation
- Air conditioning plant - (self-acting)
- Air conditioning plant - (electric)

HOW TO SELECT YOUR ELECTRONIC SOLUTION >>>



STEP 1

Choose your valve and actuator



STEP 2

Choose your controller



STEP 3

Choose your sensor

STAINLESS STEEL 3-WAY CONTROL VALVE

most industrial fluids and aggressive media.

Clorius Controls' new stainless steel rotary 3-Way control valve, with a slide for quarter turn operation, is designed for regulating of most industrial fluids and aggressive media.

- The 3-way valve offers maintenance free operation, 100% operational performance
- Leakage rate of less than 0,5%, thereby reducing energy consumption and improving your bottom line.
- Compact and robust design is up to 50% lighter than comparable valve designs.

SISCON
VALVES & INSTRUMENTS



Clorius
CONTROLS

TRUSTED BRANDS

SUPERIOR CORROSION RESISTANCE

MINIMAL LEAKAGE RATES

FLEXIBILITY

With our new stainless steel 3-Way valve, we are redefining the standard in all dimensions. Developed by our dedicated engineers and manufactured with the best materials, our large dimension stainless steel valve type provides superior value in terms of safety, durability and flexibility.

DESIGN

The valve body and the valve slide are made of stainless steel AISI316. The valve flanges are drilled according to EN 1092-2 Optional: ANSI 150 flanges, JIS 5K/JIS 10K flanges and Grooved Victaulic Joints.



FEATURES

- Maintenance Free Operation - No spare parts required
- Precise Temperature Control
- Unique and Compact Design
- Leakage $\leq 0.5\%$ of kvs
- Easy Installation
- Sizes from DN65 to DN800
- Multiport Configurations
- Up to 50% lighter than comparable valve designs
- MADE IN EU

CHARACTERISTICS

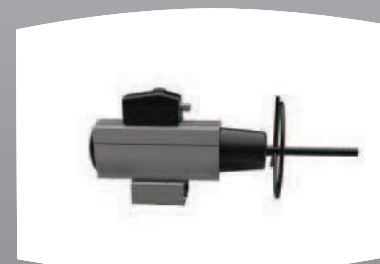
- DN 65 - 125 mm. PN25, maximum 100 °C (optional 250 °C)
- DN 150 - 300 mm. PN16, maximum 100 °C (optional 250 °C)
- DN 350 - 800 mm. PN10, maximum 100 °C (optional 250 °C)

AVAILABLE CONTROL OPTIONS



ELECTRIC - Car H

Electric Actuator
TYPE CAR-H / DN65-800



PNEUMATIC

Pneumatic Actuator VT
TYPE ADHW / ASHW / DN15-300

CASE STUDY CLORIUS

Clorius Controls' low leakage control valve assures energy savings by reduction in oil consumption, leading to reduced costs and downtime for shipowners.

BACKGROUND

In 2013 Clorius Controls successfully designed a robust low leakage valve in collaboration with MAN Diesel & Turbo, for a new internal cooling water system. Today the low leakage control valve is used in the standard design of MAN Diesel & Turbo's two stroke engines, improving the performance of the engine cooling system. The low leakage control valve is also installed on the world's largest container ships, the Triple E series.

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Clorius
CONTROLS

TRUSTED BRANDS

**REDUCE UP TO 10% IN
OIL CONSUMPTION**

CASE STUDY

THE CHALLENGE

Shipowners are currently faced with two main challenges:

- Fresh water generation when slow steaming
When a ship is slow steaming, a high leakage cooling valve causes the fresh water generator to stop producing water, leaving two options; either to buy fresh water from the nearest shore or start the preheater.
- Unwanted engine cooling when in harbour.
When the ship is in harbour, energy is wasted for preheating purposes as a result of leaking cooling water. The cooling water passing through the engines causes unwanted cooling.

FEATURED TESTIMONIAL

"Clorius Controls has been a trusted partner for many years, and their equipment has been included in the auxiliary systems for our two-stroke diesel engines during the last 30 years. Furthermore, their service and equipment have been an appreciated part in our systems, at our R&D center".

Ole Skeltved, Head of Marine Installation
Department MAN Diesel & Turbo

THE SOLUTION

By installing Clorius Controls' low leakage control valve, following savings can be achieved:

- By not starting the preheater for fresh water generation:
 - Water consumption = 7t /day
 - 1 kg oil to produce = 13 kg water
 - Oil consumption = 538 kg/day
 - Savings in USD2 ~ 325\$/day
- By not wasting energy on leaking cooling water:
 - Oil consumption can be reduced up to 10% by implementing a low leakage control valve, compared to valves with leakage rate of 5%.
 - Oil consumption = 7t/day
 - Oil consumption saving = 0.7 t/day
 - Savings in USD2 ~ 420\$/day

THE RECOMMENDATION

Shipowners should specify leakage class IV with max 0.01% leakage rate for both new builds and existing installations. ROI for installing or replacing existing valves, with a Clorius Controls' low leakage control valve, is less than 1 month.

THE FACTS

LOCATION

COPENHAGEN, DENMARK

TECHNICAL DATA

Valve body: Nodular cast iron

Trim: Gun metal RG 5

Size & Pressure:

DN 80-200 PN 16

DN 250-300 PN 10

Temperature range: Max 150 °C

Flowrate : 80-1250m³

Leakage Port AB-B: <0,01% of KVS

Lead time: 4-6 weeks

European make

Valve supplied with electric or pneumatic actuation.

ARI ARMATUREN

ARI-Armaturen has been a sought-after partner for companies in many industries and markets for decades.

Reliability, quality, cost-effectiveness and a maximum of flexibility - all of these characterise ARI.

With 20,000 products in more than 200,000 variants, we can adapt precisely to the requirements of your industry as well as your applications and processes.

“One-stop-shop” - at ARI that means: efficient, high quality products and system solutions from a single source - And tailored to your needs.

SISCON
VALVES & INSTRUMENTS



Your valve made by ARI®
TRUSTED BRANDS

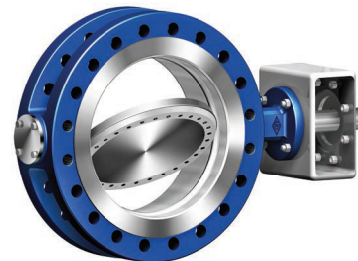
**Made in
Germany**



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- 1 ZEDOT-HETO
- 2 SAFE
- 3 ZETRIX
- 4 STOBV
- 5 Stevi-Vario
- 6 FABA-SUPRA

VALVE AUTOMATION

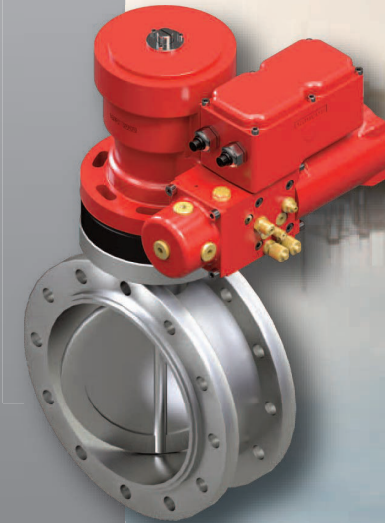
PREMIUM VALVE ACTUATORS

DAMCOS | AUMA

Highly reliable final control technologies to help you regulate and isolate your process with certainty. Achieve remarkable results with a complete line of rotating and linear actuators for valve remote control systems.

Complete, scalable and dedicated to your needs

- Hydraulic Actuators
- Power packs
- Including submersible options
- Level sensors
- Transducers with Ship Approval



SISCON
VALVES & INSTRUMENTS

HIGHEST QUALITY VALVE AUTOMATION

HIGHLY RELIABLE AND COMPACT



Powering Performance with Danfoss Compressors

Efficient. Reliable. Future-Ready.

When it comes to performance, reliability, and energy efficiency, Danfoss compressors lead the way. Designed for commercial, industrial, and residential applications, our compressors offer cutting-edge technology that helps you meet today's environmental standards—without compromising on performance. From HVAC systems to refrigeration units, Danfoss compressors are built to deliver:

- High Efficiency: Reduce energy consumption and operating costs
- Low Environmental Impact: Designed for use with low-GWP and natural refrigerants.
- Unmatched Reliability: Rigorously tested for long-term durability in demanding conditions.
- Versatile Solutions: Available in a wide range of capacities and models to fit your needs.

Whether you're looking to upgrade existing systems or power new innovations, Danfoss compressors are your trusted choice for sustainable, high-performance cooling and heating.

**TEMPRESS High Quality pressure
and temperature gauges for the most
demanding applications**

TEMPRESS High Quality pressure
and temperature gauges for
the Marine and Marine refrigeration



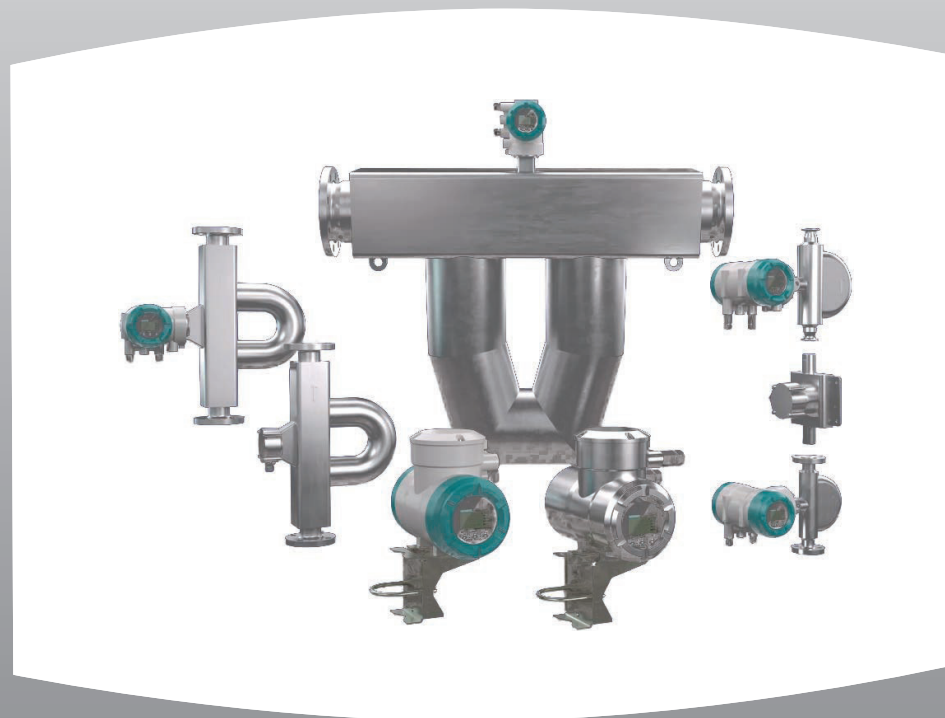
TEMPRESS
TRUSTED BRANDS

At the heart of many of these solutions are Siemens flow meters—engineered for accuracy, reliability, and seamless integration into industrial systems. Designed for diverse applications, Siemens flow measurement technology ensures precise monitoring and control of liquids, gases, and steam across a wide range of industries.

From water and wastewater management to chemical processing, energy production, and food & beverage manufacturing, Siemens offers a comprehensive portfolio of electromagnetic, ultrasonic, Coriolis, and vortex flow meters. These instruments provide high-performance measurement, even in challenging environments.

With built-in diagnostics, digital connectivity, and compatibility with automation and control systems, Siemens flow meters enable real-time data insights, predictive maintenance, and reduced downtime—supporting smarter decision-making and optimized operations.

Trusted globally. Engineered for accuracy. Designed for the future. That's Siemens flow measurement.



SIEMENS
TRUSTED BRANDS

PROOF OF QUALITY

WITH A LICENSE FOR QUALITY

Our trusted brands are manufactured and tested by the most demanding customer specifications and recognized national and international industry standards.

TEST METHODS & QUALITY ASSURANCE

- Shock resistance tests
- Noise and vibration tests
- Antistatic tests
- Acceptance and function tests
- Pressure tests
- Material inspection
- X-ray analyses
- Dye penetrant testing





Our trusted brands certify their products in-house, with the permission of all of the major classification societies. For us, this is an important proof of our quality. For our customers, it is a decisive advantage. The internal certification process saves time, because an external audit is no longer necessary. Thus, we are able to guarantee quality, and minimize delivery times.

We can deliver our valves and instruments with the following certificates:

- DNV-GL
- BV
- RINA
- LR
- RMRS

According to DIN/ISO, JIS and ANSI standards

INNOVATION & THE FUTURE OF FLOW CONTROL

At SISCON, innovation is not just a department - It's a mindset that drives everything we do. As the marine and industrial landscapes evolve, so do we - developing smarter, cleaner and more connected solutions that anticipate tomorrow's challenges.

We are investing in next-generation technologies that enable real-time data insight, predictive maintenance, and integrated control systems. With trusted global brand we help your business to grow.

Our commitment to innovation means:

Smarter systems - Digital integration and IoT-ready sensors.

Sustainable performance - Lower emissions and optimized energy use.

Customer-led design - Tailored, co-developed solutions for unique needs.

Together with our clients and partners, we are shaping the future of flow management-where precision meets responsibility.



Join us. Let's engineer the future



SISCON PARTNERS & REFERENCES

We have had the good fortune of being involved with exclusive trusted brands of strong global companies. Our clients are our starting point. They drive everything we do and we work collaboratively with them to achieve results they can measure. Our size enables our specialists to work closely together to develop tailor-made solutions, that meet our clients' evolving needs.



WHAT GUIDE US

At Siscon we believe that success comes from teamwork. We apply all our company resources at the service of our customers and partners, from our experience and network of experts, to our knowledge, energy and innovative spirit of our people.

MISSION

The Reason For Our Existence

"Our mission is to build a mutually beneficial partnership with our customers by developing, marketing, delivering and servicing valves and instruments for the Marine and industrial industry".

VISION

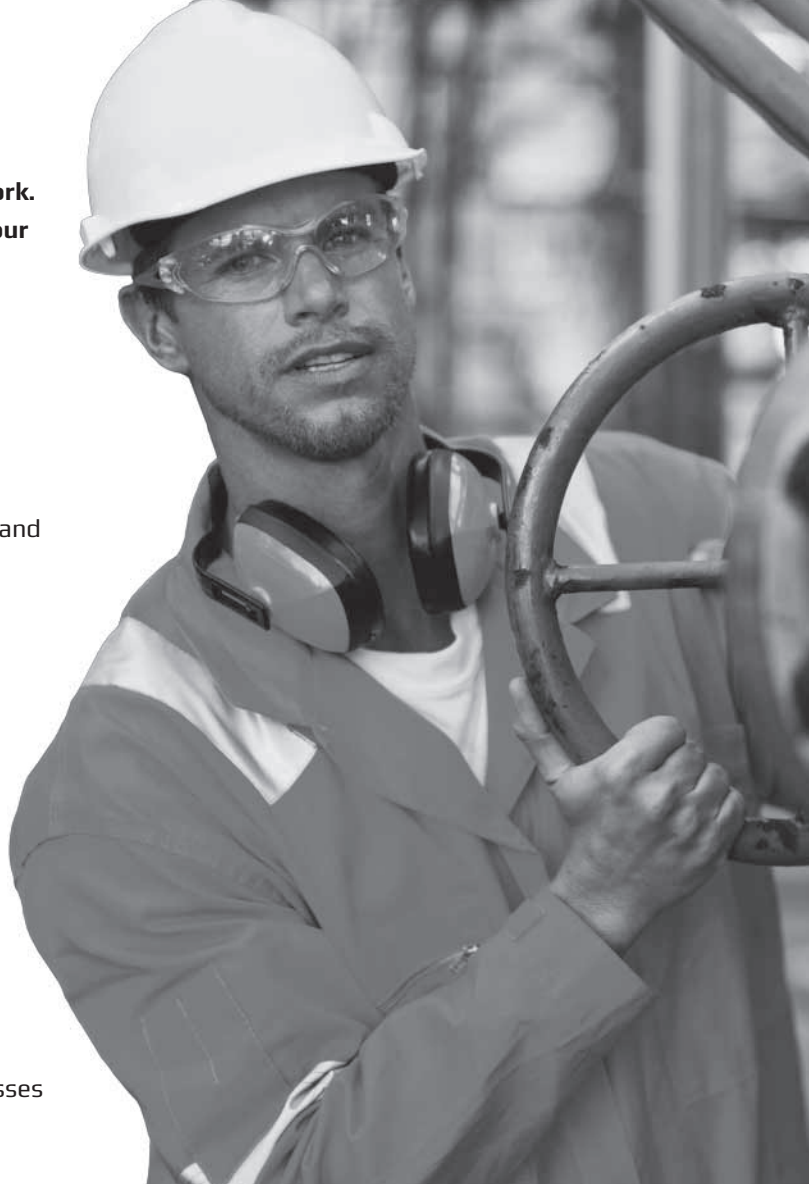
Where We Want To Go

"We strive to be a world-class advisor and provider of Marine and Industrial controls"

VALUES

What We Believe In

- FLEXIBILITY - Global vision, local agility
- CUSTOMER FOCUS - A fundamental ingredient to our success
- RELIABILITY - Keeping our promises
- QUALITY - In our products and excellence in our processes



■ TECHNICAL QUESTIONS?

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■ INQUIRIES

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■ WEBSITE

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