SLEIPNER®
Ocean born. Tech bred.

Only the best technology at work.



SLEIPNER THRUSTERS
COMMERCIAL

What’s inside

Introduction

4 This is Sleipner
6 The boat builder’s choice
8 Built for vessels that work
9 Commercial thruster technologies

Tunnel Thrusters

10 Sleipner E
14 Sleipner SAC
18 Sleipner SH
22 Hydraulic Power Systems

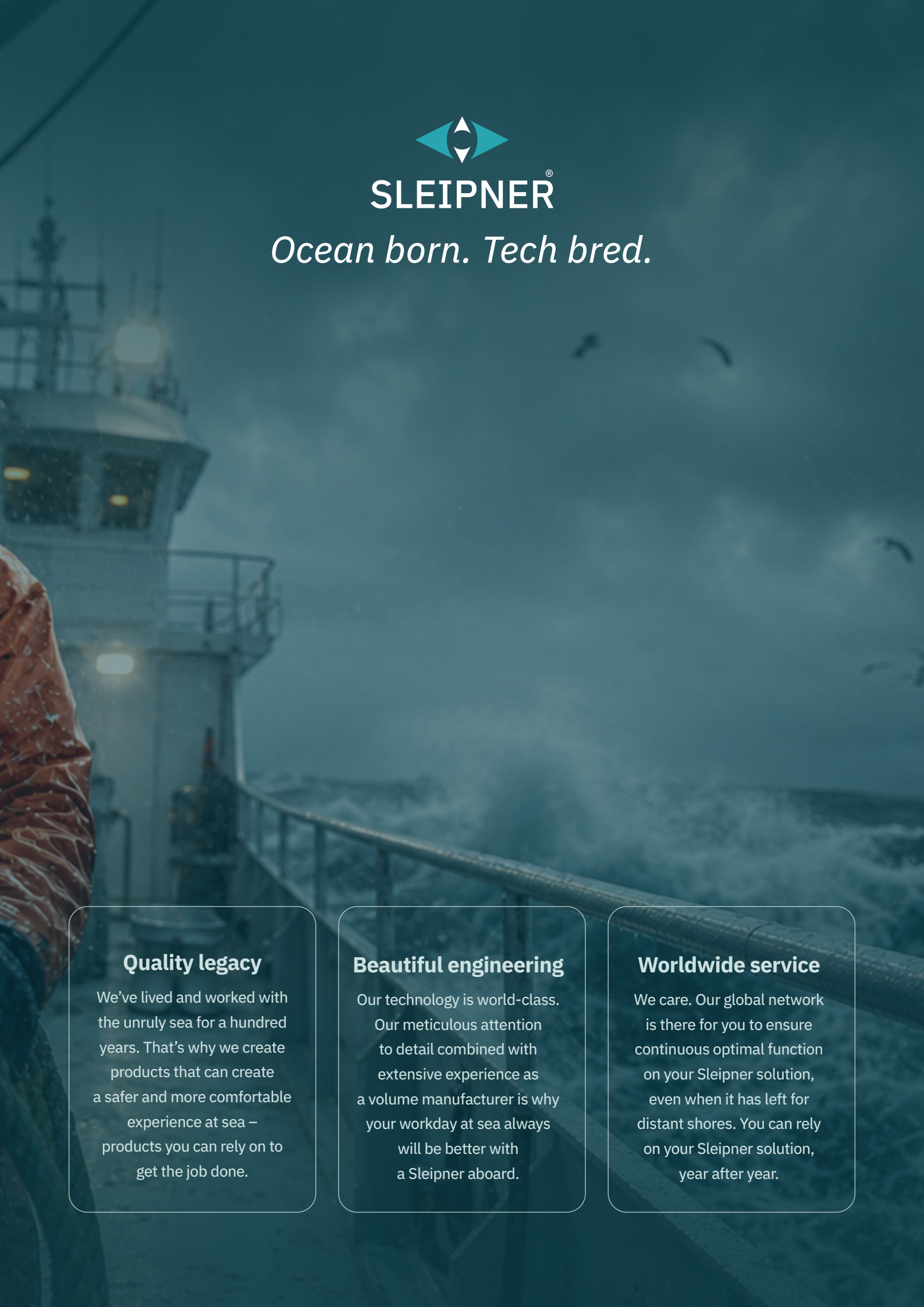
Accessories

24 Control Devices
26 S-Link
27 Accessories S-Link system

About Sleipner

28 Built for every mission
29 Project engineering
30 Thruster features explained





SLEIPNER®

Ocean born. Tech bred.

Quality legacy

We've lived and worked with the unruly sea for a hundred years. That's why we create products that can create a safer and more comfortable experience at sea – products you can rely on to get the job done.

Beautiful engineering

Our technology is world-class. Our meticulous attention to detail combined with extensive experience as a volume manufacturer is why your workday at sea always will be better with a Sleipner aboard.

Worldwide service

We care. Our global network is there for you to ensure continuous optimal function on your Sleipner solution, even when it has left for distant shores. You can rely on your Sleipner solution, year after year.

This is Sleipner

Established in Norway in 1908 with more than 115 years of experience. Sleipner has 230+ employees, including 30+ engineers with more than 260 years combined experience in the marine industry.

We design and manufacture everything in-house – from the first sketch to the finished product. It is the only way we know how to guarantee the quality that professional operators depend on, day in and day out.

More than 5,500 vessels have been fitted with a Sleipner hydraulic system in the last 20 years alone. That trust is not given. It is earned.



115+
years of experience

260+
years combined expertise

5,500+
vessels fitted

230+
employees



Our story

We are a Norwegian technology driven company, focused on creating world leading products and solutions of uncompromised quality to improve safety and comfort at sea. As boaters we know what safety at sea means.

So, we don’t let our solutions slip out of sight for a second; We manufacture them ourselves, using technologies we have developed ourselves - and we work in close partnership with boat builders and our global service network to ensure optimal function throughout their lifetime.

You know what you get when you install a Sleipner. Our dedication to boating and innovation ensures that our solutions are the benchmark for the industry, today and tomorrow.

SLEIPNER®

The boat builder’s choice

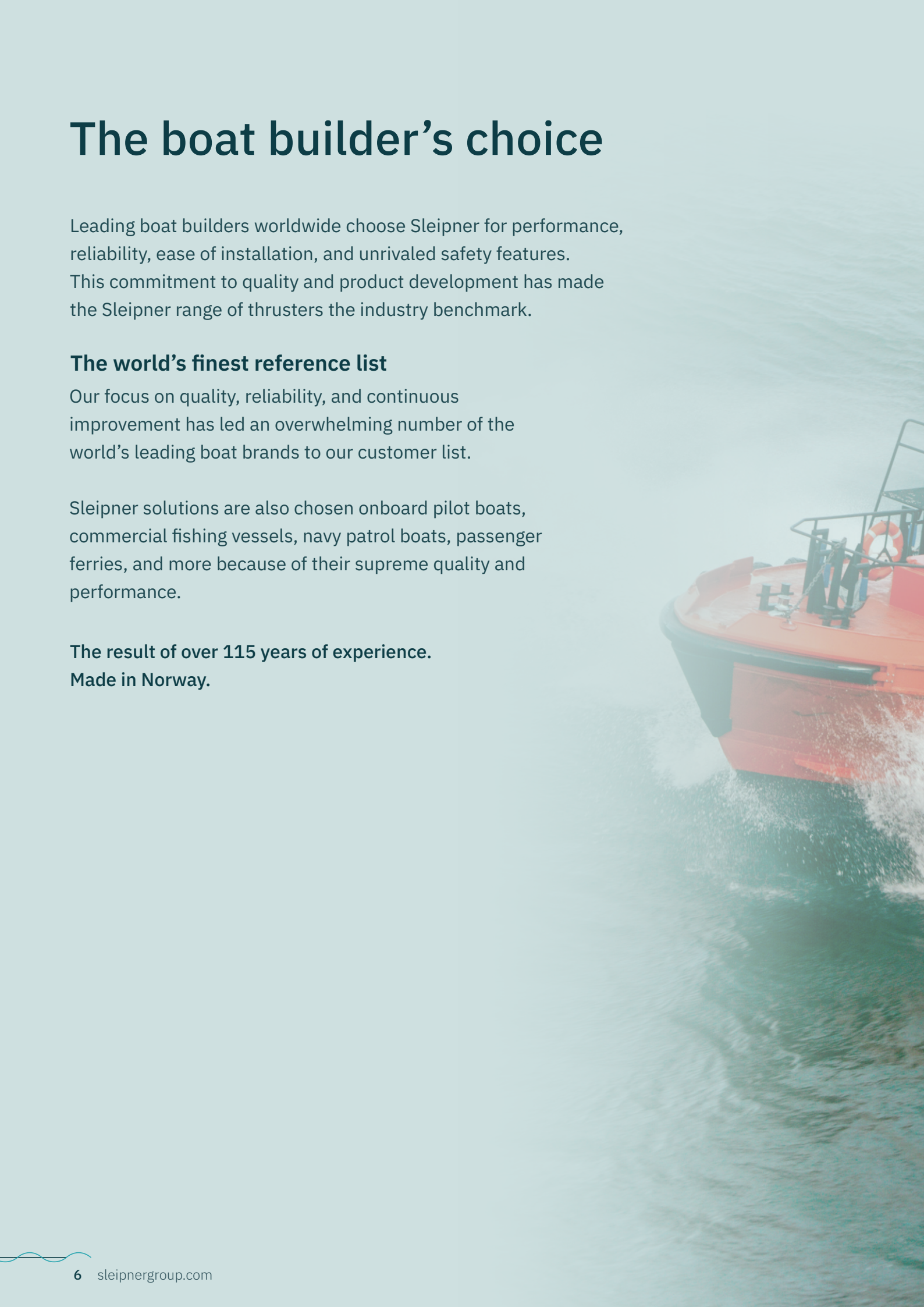
Leading boat builders worldwide choose Sleipner for performance, reliability, ease of installation, and unrivaled safety features. This commitment to quality and product development has made the Sleipner range of thrusters the industry benchmark.

The world’s finest reference list

Our focus on quality, reliability, and continuous improvement has led an overwhelming number of the world’s leading boat brands to our customer list.

Sleipner solutions are also chosen onboard pilot boats, commercial fishing vessels, navy patrol boats, passenger ferries, and more because of their supreme quality and performance.

The result of over 115 years of experience.
Made in Norway.



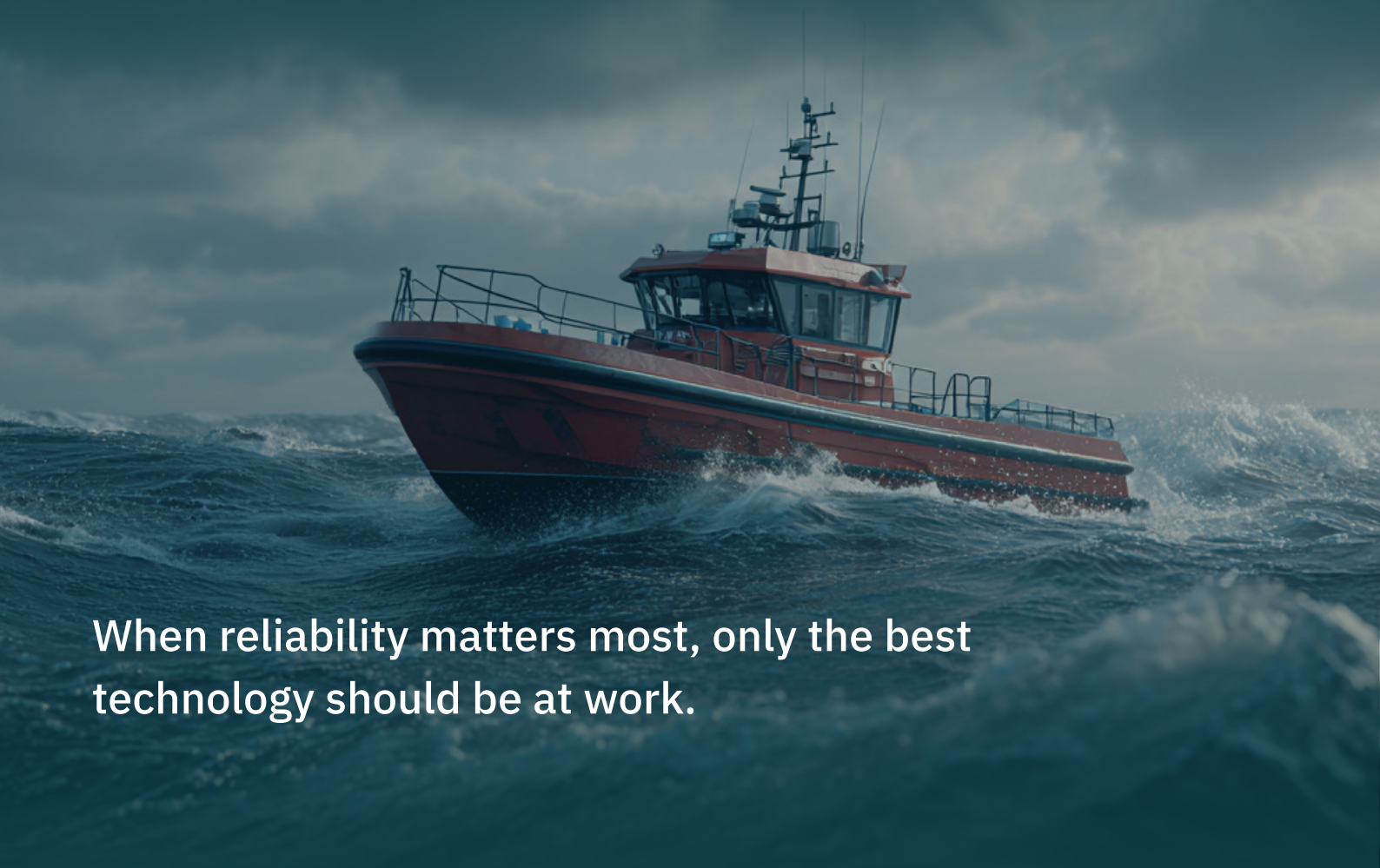


Built for vessels that work

In commercial operations, maneuverability is more than convenience: it is safety and efficient operation.

Sleipner thruster systems are engineered for vessels that operate every day in demanding environments. From pilot boats and workboats to passenger vessels, crew vessels and fishing vessels, our technology delivers precise maneuverability and dependable performance whenever it is needed.

Designed and manufactured in Norway, Sleipner systems combine advanced propulsion technology with robust mechanical construction and intelligent control systems. With a global service network and decades of experience in marine maneuvering technology, Sleipner is trusted by shipyards and operators worldwide.



When reliability matters most, only the best technology should be at work.

Commercial thruster technologies

Sleipner offers three main thruster technologies designed for commercial marine applications:

DC Electric – Sleipner E

Advanced brushless electric thrusters for energy-efficient maneuvering and modern vessels.

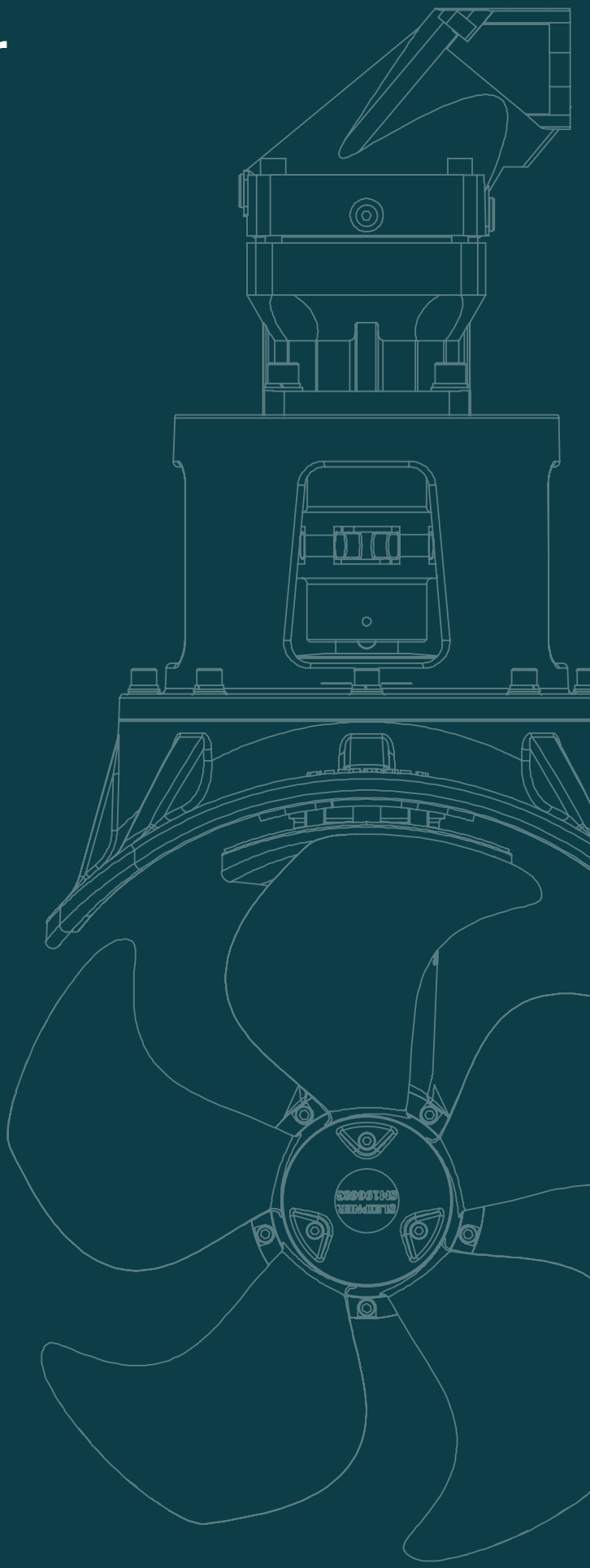
AC Electric – Sleipner SAC

High-power thrusters designed for continuous operation and generator-driven systems.

Hydraulic – Sleipner SH

Heavy-duty thrusters for extreme runtime and vessels with centralized hydraulic power systems.

Each system is fully compatible with Sleipner's S-Link control system, enabling seamless integration with joystick control, position holding systems and hybrid installations.



SLEIPNER E

Advanced DC Electric Thrusters

Modern vessels require maneuvering systems that combine performance, efficiency, and intelligent control. The Sleipner E-series represents a new generation of electric thrusters designed to deliver exactly that.

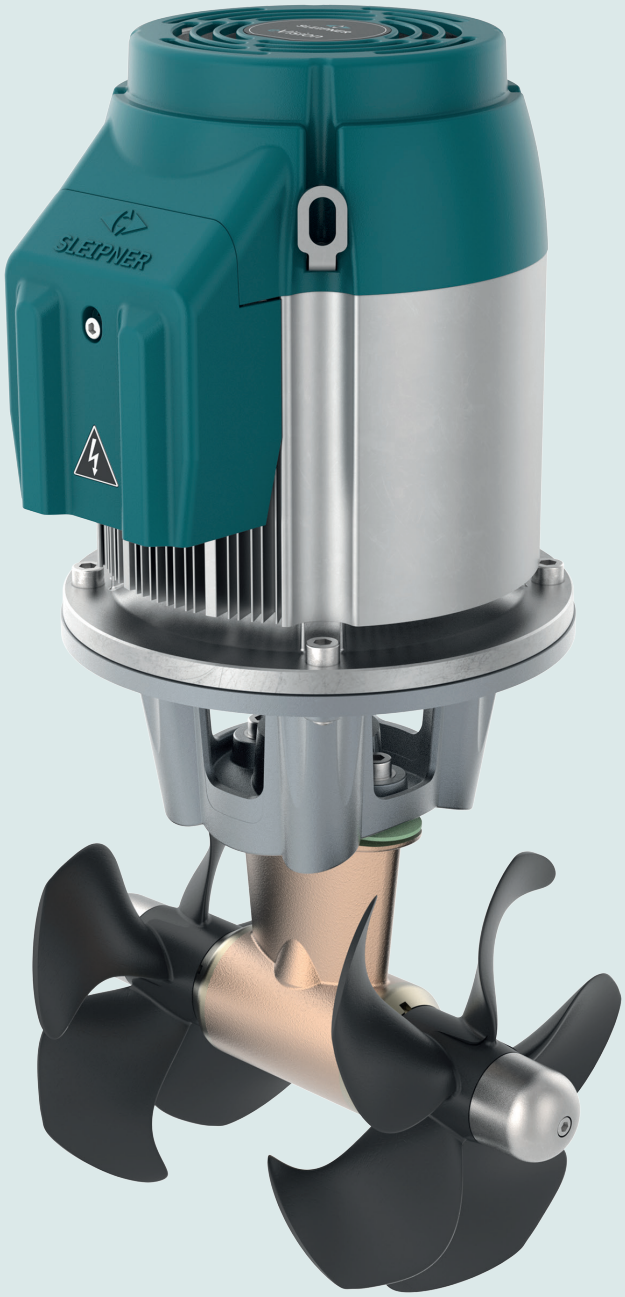
Powered by a brushless 6-phase PMSM motor and integrated inverter, the E-series provides smooth proportional control, improved energy efficient, and significantly reduced weight compared to traditional electric thrusters.

With compact dimensions and simplified installation, the system is ideal for smaller modern commercial vessels where space, efficiency and reliability are critical.

Key characteristics

- Brushless electric thrusters with integrated inverter
- Proportional speed control as standard
- Up to 50% lighter than traditional electric systems
- Energy-efficient smart motor technology for unlimited runtime
- Compatible with Sleipner S-Link™ control systems

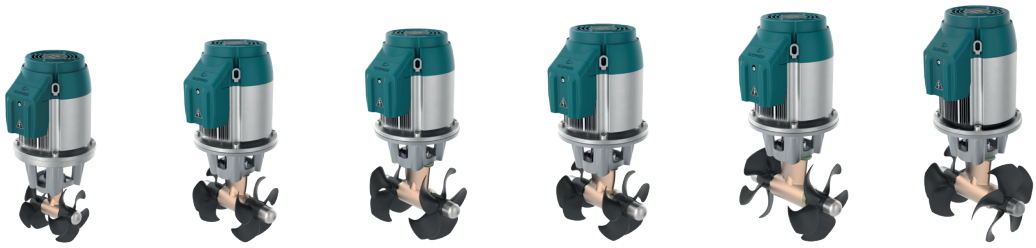
The Sleipner E-series combines modern electric propulsion technology with the robust mechanical design trusted by professional shipyards worldwide.



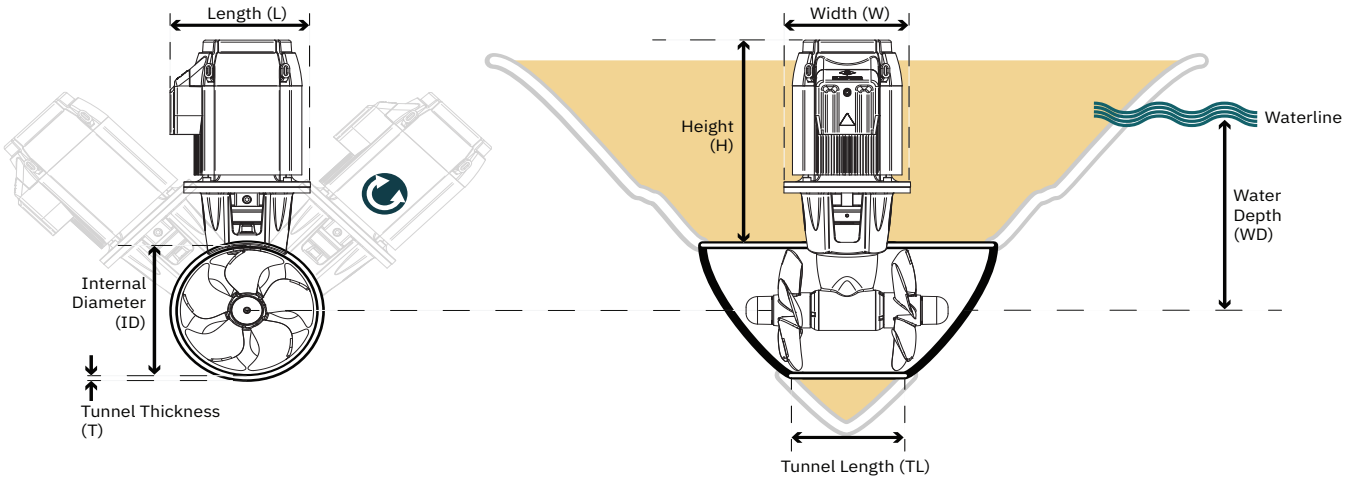
Thruster features

Intelligent Power Control	✓
Overheat Protection	✓
Safe Startup	✓
Smart Shut-Off	✓
Ignition Protection	✓
Galvanic Separation	✓
Sealed Drive Lubrication	✓
Gravity Feed Lubrication	
Q-Prop	✓
Proportional Speed Control	✓
S-Link	✓

Boat size	35-110 ft
Power	DC 24V/48V
Thrust	100-420 kg
Tunnel diameter	185-386 mm
Placement	Bow or stern



	Light Duty Commercial					
SLEIPNER E	**E100/185T**	**E120/215T**	**E130/250T**	**E150/215T**	**E170/250TC**	**E210/250TC**
Thrust at 24/48V	100 kg	120 kg	130 kg	150 kg	170 kg	210 kg
Thrust at 21/42V	100 kg	120 kg	130 kg	150 kg	170 kg	210 kg
Boat Size	35-55 ft	44-64 ft	42-63 ft	44-64 ft	50-70 ft	55-78 ft
Tunnel Ø	185 mm	215 mm	250 mm	215 mm	250 mm	250 mm
Propeller	Twin	Twin	Twin	Twin	Twin Counter	Twin Counter
Power Output	5.6 kW	6.0 kW	5.1 kW	8.1 kW	7.3 kW	10.4 kW
Voltage	24/48V	24/48V	24/48V	24/48V	24/48V	24/48V
Weight	25 kg	27 kg	29 kg	27 kg	30 kg	37 kg

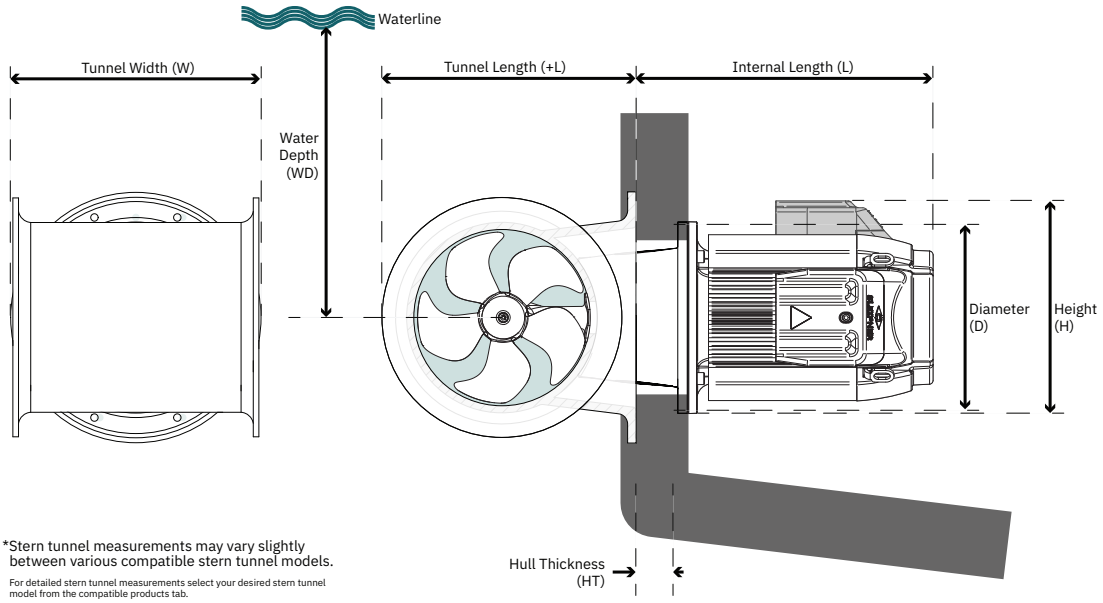


Sleipner thrusters can be installed at an angle off the vertical centre.
Tailored to fit any space available in your vessel.

BOW	**E100/185T**	**E120/215T**	**E130/250T**	**E150/215T**	**E170/250TC**	**E210/250TC**	**E240/250TC**	**E250/300TC**	**E300/300TC**
	24/48V	**24/48V**	**24/48V**	**24/48V**	**24/48V**	**24/48V**	**48V**	**24/48V**	**48V**
H (mm)	401	387	387	387	387	427	427	437	437
L (mm)	285	285	285	285	285	285	285	285	285
W (mm)	258	258	258	258	258	258	258	258	258
ID (mm)	185	215	250	215	250	250	250	300	300
WD (mm)	185	215	250	215	250	250	250	300	300
TL (mm)	216	280	323	280	322	323	323	340	340
TL min. (mm)	179	235	273	235	272	273	273	280	280
T min. (mm)	6	6	7	6	7	7	7	10	10
T max. (mm)	8	8	9	8	9	9	9	12	12



Light Duty Commercial		
E240/250TC	**E250/300TC**	**E300/300TC**
240 kg	250 kg	300 kg
240 kg	250 kg	300 kg
55-78 ft	72-100 ft	72-100 ft
250 mm	300 mm	300 mm
Twin Counter	Twin Counter	Twin Counter
12.7 kW	11.1 kW	15 kW
48V	24/48V	48V
37 kg	43 kg	43 kg



*Stern tunnel measurements may vary slightly between various compatible stern tunnel models.

For detailed stern tunnel measurements select your desired stern tunnel model from the compatible products tab.

STERN	E100/185T	E120/215T	E130/250T	E150/215T	E170/250TC	E210/250TC	E240/250TC	E250/300TC	E300/300TC
	24/48V	**24/48V**	**24/48V**	**24/48V**	**24/48V**	**24/48V**	**48V**	**24/48V**	**48V**
L (mm)	359	354,5	339	354,5	339	370	370	387	387
+L (mm)	265	300	345	300	344.5	353	353	419	419
WD (mm)	185	215	250	215	250	250	250	300	300
HT (mm)	42	57	42	57	42	33	33	50	50

SLEIPNER SAC

Continuous Operation AC Thrusters

The Sleipner SAC series delivers high thrust maneuvering for larger vessels requiring continuous operation and reliable performance.

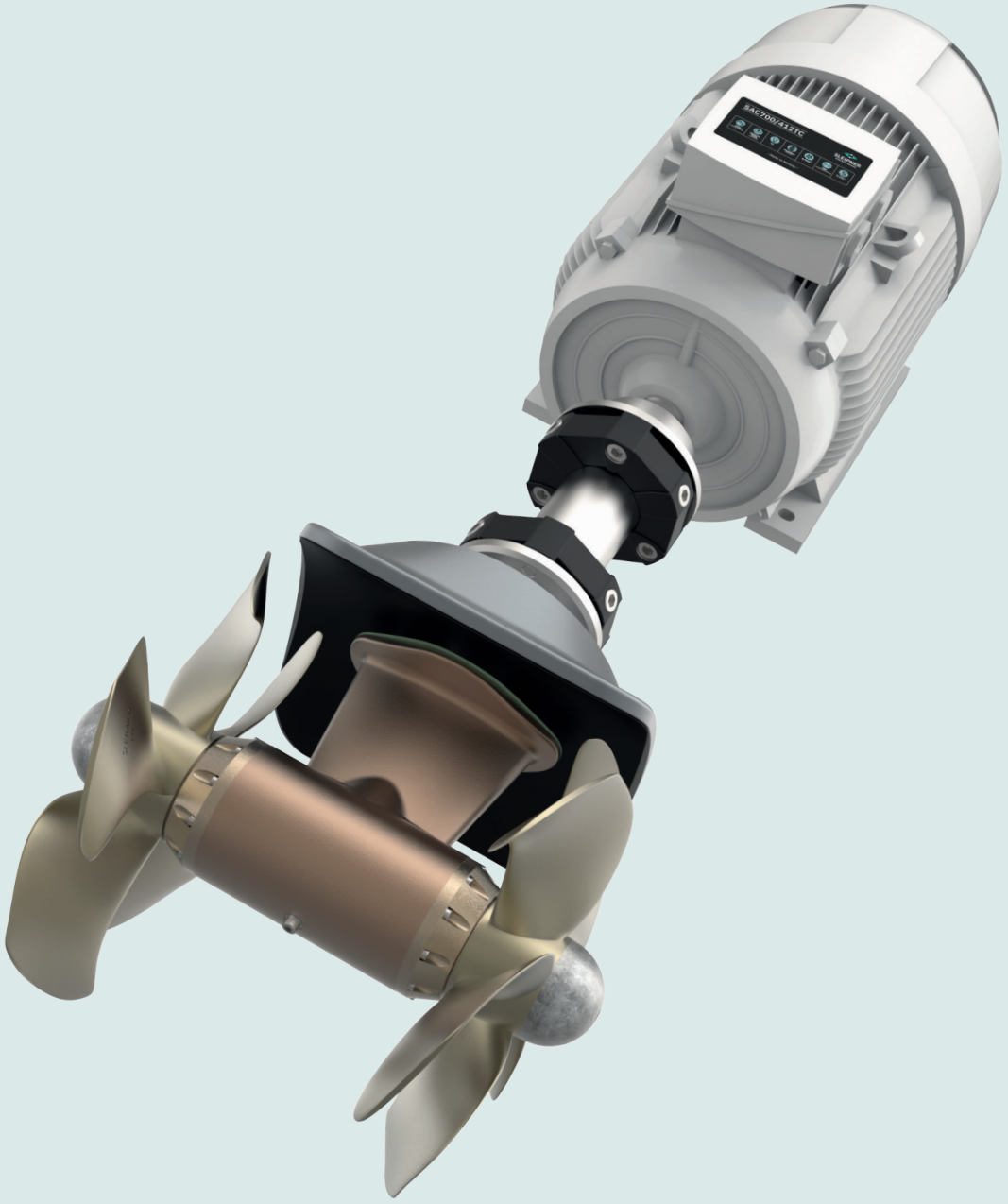
Powered by AC motors and variable frequency drives (VFD), SAC thrusters provide unlimited runtime and precise control even under demanding conditions. These systems are commonly installed on commercial vessels, superyachts, and workboats where operational reliability is essential.

Each system is configured to match the vessel's power supply and control architecture, ensuring seamless integration with onboard systems.

Key characteristics

- AC thrusters designed for continuous operation
- Variable frequency drive for smooth thrust and power control
- Compatible with joystick and position-holding systems
- DNV-approved options available for commercial vessels
- Supports hybrid installations and high-voltage DC systems up to 1000V

SAC systems provide powerful maneuvering capability with the endurance required for professional marine operations.



Thruster features

Intelligent Power Control	
Overheat Protection	✓
Safe Startup	✓
Smart Shut-Off	✓
Ignition Protection	
Galvanic Separation	
Sealed Drive Lubrication	✓
Gravity Feed Lubrication	✓
Q-Prop	✓
Proportional Speed Control	✓
S-Link	✓

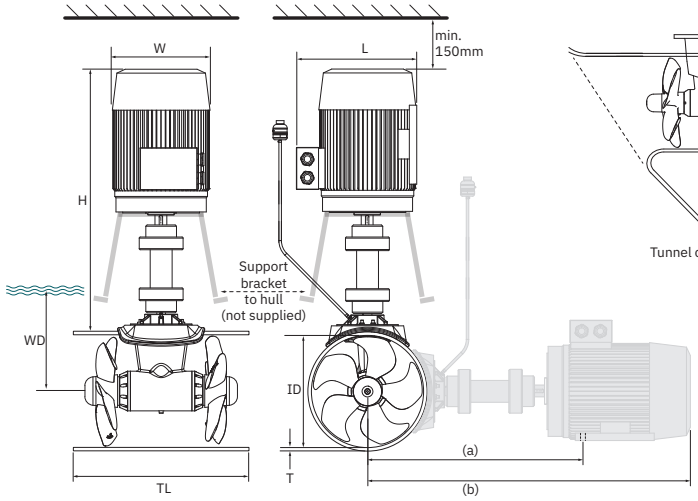
Boat size	42-230 ft
Power	AC 230V/400V/690V
Thrust	240-2200 kg
Tunnel diameter	250-730 mm
Placement	Bow or stern

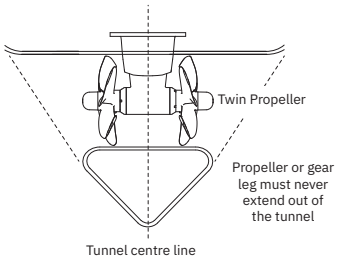


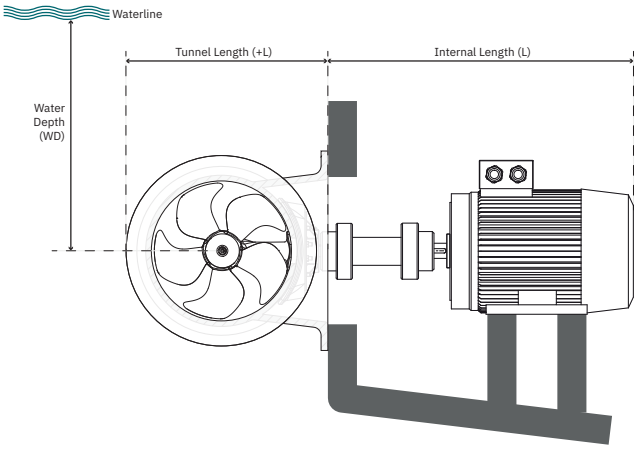
	For leisure usage				
SLEIPNER SAC	**SAC240/250TC**	**SAC320/300TC**	**SAC360/300TC**	**SAC450/386TC**	**SAC520/386TC**
Continuous Thrust [1]	240 kg	280 kg	360 kg	450 kg	520 kg
Max Thrust [1]		320 kg			
Power Output	14 kW	21 kW	27 kW	28 kW	35 kW
Boat Size	42-75 ft	55-100 ft	59-108 ft	75-110 ft	85-140 ft
Tunnel Ø	250 mm	300 mm	300 mm	386 mm	386 mm
DNV type approved gearleg					
Lubrication	Sealed				

* Isolation kit for galvanic separation available.

Sleipner thrusters can be installed at an angle off the vertical centre.
Tailored to fit any space available in your vessel.

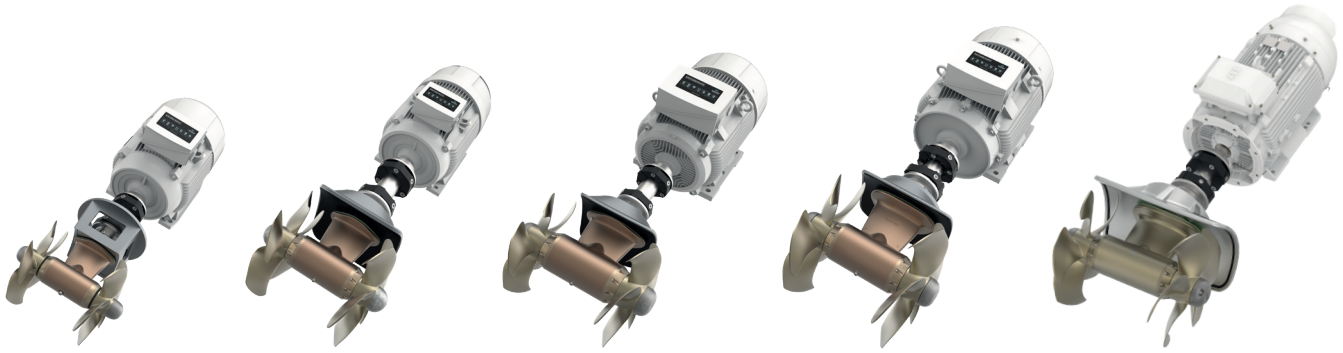






[1] Continuous thrust: The thrust level that can be maintained indefinitely without the motor exceeding its temperature limit. This value applies to both intermittent and continuous models. Maximum thrust: Listed only for intermittent models, this is the highest thrust available for a limited period before the motor reaches its temperature threshold and automatically begins to reduce performance.

[2] Weight stated is for complete thruster unit, excluding VFD



For heavy duty usage - DNV type approved gearleg

SAC400/300TC	SAC700/412TC	SAC750/513TC	SAC900/513TC	SAC1100/513TC	SAC1100/513TC	SAC950/610TC	SAC1100/610TC	SAC1300/610TC	SAC1400/610TC	SAC2200/730TC
400 kg	700 kg	600 kg	750 kg	900 kg	1100 kg	800 kg	950 kg	1100 kg	1200 kg	2200 kg
		750 kg	900 kg	1100 kg		950 kg	1100 kg	1300 kg	1400 kg	
30 kW	42 kW	41 kW	53 kW	70 kW	70 kW	43 kW	55 kW	74 kW	83 kW	138 kW
59-108 ft	95-145 ft	95-145 ft	100-150 ft	105-160 ft	105-160 ft	100-150 ft	105-160 ft	130-170 ft	130-175 ft	165-230 ft
300 mm	412 mm	513 mm	513 mm	513 mm	513 mm	610 mm	610 mm	610 mm	610 mm	730 mm
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gravity feed	Gravity feed	Gravity feed / On water change								

Measurements (mm)	H	L	W	ID	WD	TL	TL min.	T min.	T max.	Weight[2] kg
SAC240/250	688	347	262	250	380	550	300	7	10	68
SAC320/300	703	347	262	300	450	550	300	10	10	71
SAC360/300	774	397	313	300	450	550	370	10	10	105
SAC400/300	774	397	313	300	450	550	370	10	10	111
SAC450/386	999	439	356	386	580	750	500	10	15	189
SAC520/386	999	439	356	386	580	750	500	10	15	189
SAC700/412	964	439	356	412	620	800	550	12	16	205
SAC750/513	1080	496	396	513	700	1000	750	12	22	330
SAC900/513	1195	563	449	513	700	1000	750	12	22	450
SAC1100/513	1305	642	495	513	770	1000	750	12	22	575
SAC1100/513	1195	563	449	513	770	1000	750	12	22	465
SAC950/610	1195	563	449	610	900	1000	750	14	24	490
SAC1100/610	1235	642	495	610	900	1000	750	14	24	580
SAC1300/610	1305	712	555	610	900	1000	750	14	24	680
SAC1400/610	1305	712	555	610	900	1000	750	14	24	740
SAC2200/730	1800	830	616	730				12	30	1420

SLEIPNER SH

Hydraulic Thrusters for Heavy Duty Operations

For vessels operating in the most demanding conditions, hydraulic thruster systems remain the benchmark for durability and endurance.

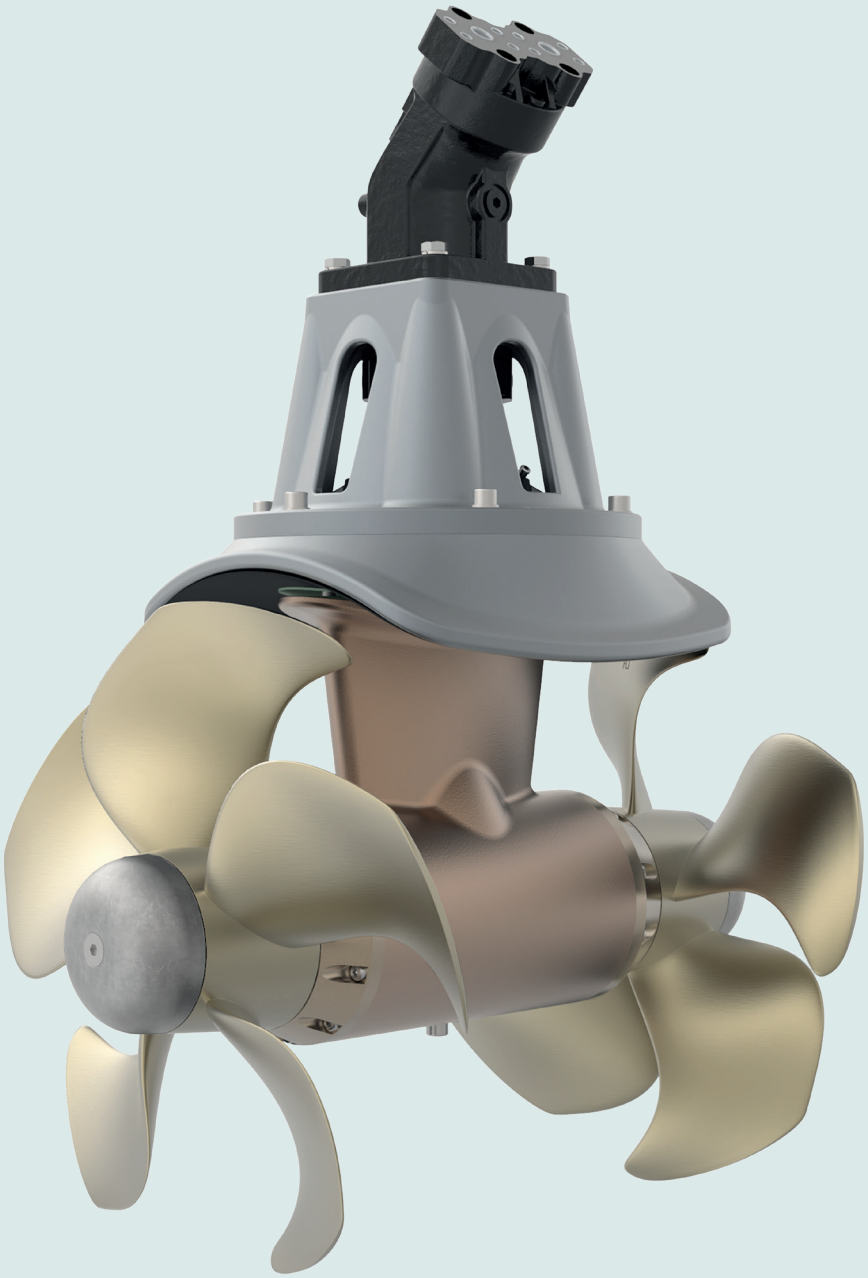
The Sleipner SH series provides powerful hydraulic thrusters designed for continuous duty operation. With thrust ratings up to 2200 kg and compatibility with centralized hydraulic power systems, SH thrusters are widely used on commercial vessels and professional fleets.

Combined with Sleipner hydraulic power packs and intelligent control systems, SH thrusters offer robust maneuverability and precise control in even the toughest environments.

Key characteristics

- Continuous-duty hydraulic thrusters
- Designed for heavy-duty commercial applications
- Fully compatible with Sleipner hydraulic power systems
- DNV-approved gearleg options available
- Integration with joystick and position holding systems

When maximum runtime and reliability are required,
hydraulic maneuvering remains the professional standard.



Thruster features

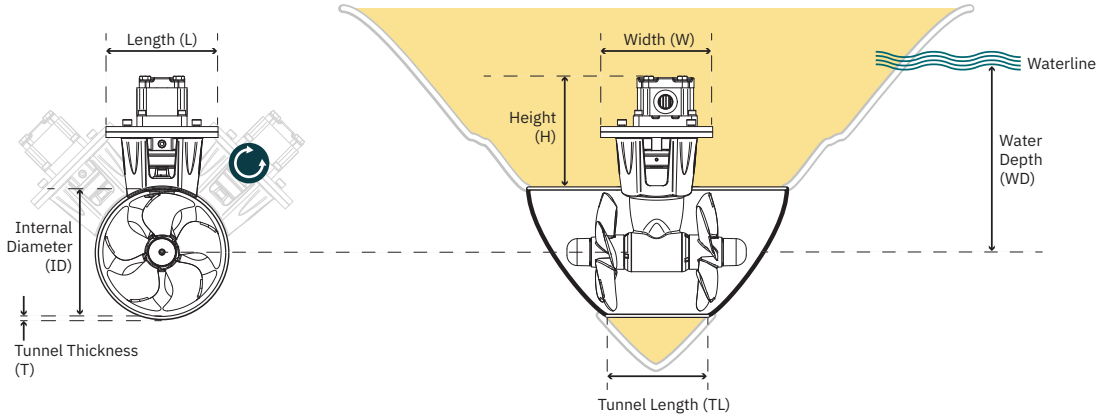
Intelligent Power Control	
Overheat Protection	✓
Safe Startup	✓
Smart Shut-Off	✓
Ignition Protection	
Galvanic Separation	Option
Sealed Drive Lubrication	✓
Gravity Feed Lubrication	✓
Q-Prop	✓
Proportional Speed Control	✓
S-Link	✓

Boat size	30-230 ft
Power	Hydraulic
Thrust	80-2200 kg
Tunnel diameter	185-730 mm
Placement	Bow or stern



Engineered for leisure craft

	SH100/185T	SH160/215T	SH240/250TC	SH320/300TC	SH360/300TC	SH420/386TC	SH 550/386TC
Light Duty Thrust	100 kg	160 kg	240 kg	320 kg			550 kg
Heavy Duty Thrust	80 kg	140 kg	220 kg	270 kg	360 kg	420 kg	500 kg
Boat Size	30-34 ft	35-62 ft	42-75 ft	55-100 ft	59-108 ft	75-110 ft	85-140 ft
Tunnel Ø	185 mm	215 mm	250 mm	300 mm	300 mm	386 mm	386 mm
Power Output	6.9 kW	10 kW	14.9 kW	17.4 kW	27 kW	31.8 kW	39.9 kW
Propeller	Twin	Twin	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter
Lubrication	Sealed	Sealed	Sealed	Sealed	Gravity feed	Gravity feed	Gravity feed
DNV Type Approved Gearleg							

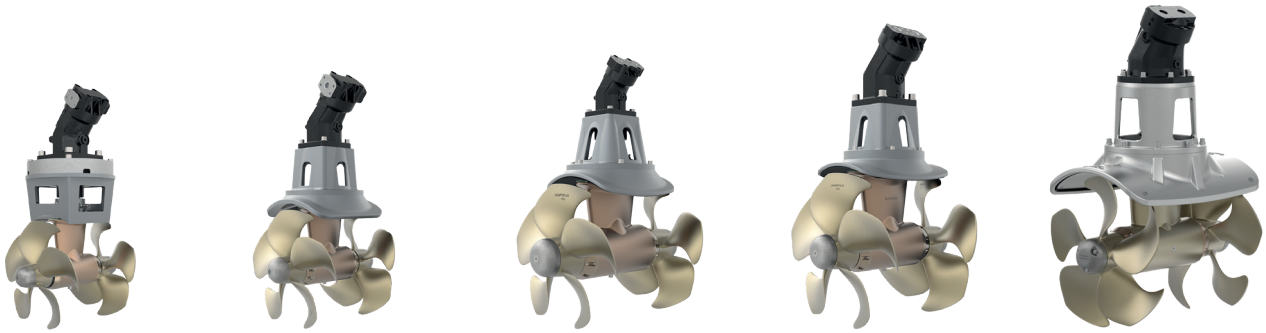


Sleipner thrusters can be installed at an angle off the vertical centre.
Tailored to fit any space available in your vessel.

Bow	SH100/185T	SH160/215T	SH240/250TC	SH320/300TC	SH360/300TC
(ID) Internal Diameter (mm)	185	215	250	300	300
Weight[1] (kg)	7.8	11.4	13.5	17.16	26
(H) Height (mm)	215	195	235	245	356
(L) Length (mm)	203	203	203	258	258
(W) Width (mm)	203	203	203	258	258
(ID) Internal Diameter (mm)	185	215	250	300	300
(WD) Water Depth (mm)	200	215	250	300	450
(TL) Rec. Tunnel Length (mm)	340	560	600	550	550
(TL min.) Minimum Tunnel Length (mm)	170	280	300	370	370
(T min.) Min. Tunnel Wall Thickness	4	6	7	10	10

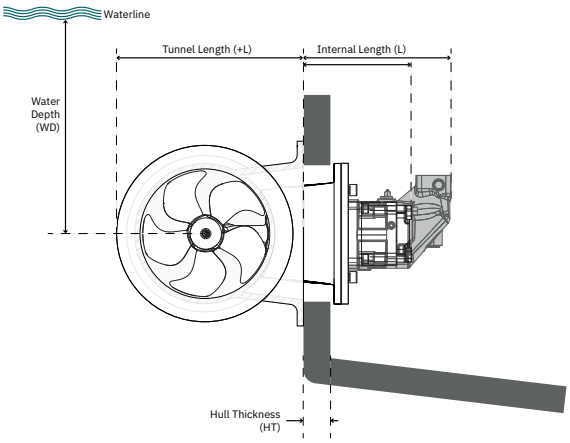
Stern	SH100/185T	SH 160/215 T	SH 240/250 TC	SH 320/300TC	SH 360/300 TC
(L) Internal Length (mm)	405	172	912	195	310
(+L) Tunnel Length (mm)	705	300	340	420	420
(WD) Stern Water Depth (mm)	770	215	250	300	300
(HT) Maximum Hull Thickness	120	54	60	60	60
Stern thruster kit	90086i	90135i	90140i	90200i	90350
Cowls - short model	90075	-	-	-	-
Cowls - long model	90077	90136	90132	90220	-

[1] Weight of hydraulic motor comes in addition



Commercial grade performance – DNV type-approved gearleg

SH400/300TC	SH700/412TC	SH1000/513TC	SH1400/610TC	SH2200/730TC
400 kg	700 kg	1000 kg	1400 kg	2200 kg
59-108 ft	95-145 ft	100-150 ft	130-175 ft	165-230 ft
300 mm	412 mm	513 mm	610 mm	730 mm
30 kW	43.4 kW	59.8 kW	80.1 kW	138 kW
Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter
Gravity feed	Gravity feed	Gravity feed/on water change	Gravity feed/on water change	Gravity feed/on water change
✓	✓	✓	✓	Pending



SH420/386TC	SH 550/386TC	SH400/300TC	SH 700/412TC	SH 1000/513TC	SH 1400/610TC
386	386	300	412	513	610
46	56	31	72–76	168–182	211
369	369	356	450	486	500
268	268	258	268	398	398
268	268	258	268	398	398
386	386	300	412	513	610
580	580	450	620	750	900
750	750	550	800	1000	1000
500	500	370	550	750	750
10	10	10	16	16	18

SH 420/386 TC	SH 550/386TC	SH 400/300TC	SH 700/412TC	SH 1000/513TC	SH 1400/610TC
257	257	305	n. a.	405	470
540	540	422	n. a.	705	820
380	380	300	n. a.	770	915
54	54	60	n. a.	120	145
90550	90550	90350	90700	91000	91400
-	-	N/A	N/A	N/A	N/A
90560	90560	N/A	N/A	N/A	N/A

Hydraulic Power Systems

One system. Endless possibilities.

Sleipner hydraulic power systems allow multiple onboard functions to be powered from a single centralized system — including thrusters, stabilizers, windlasses, cranes, and other hydraulic equipment.

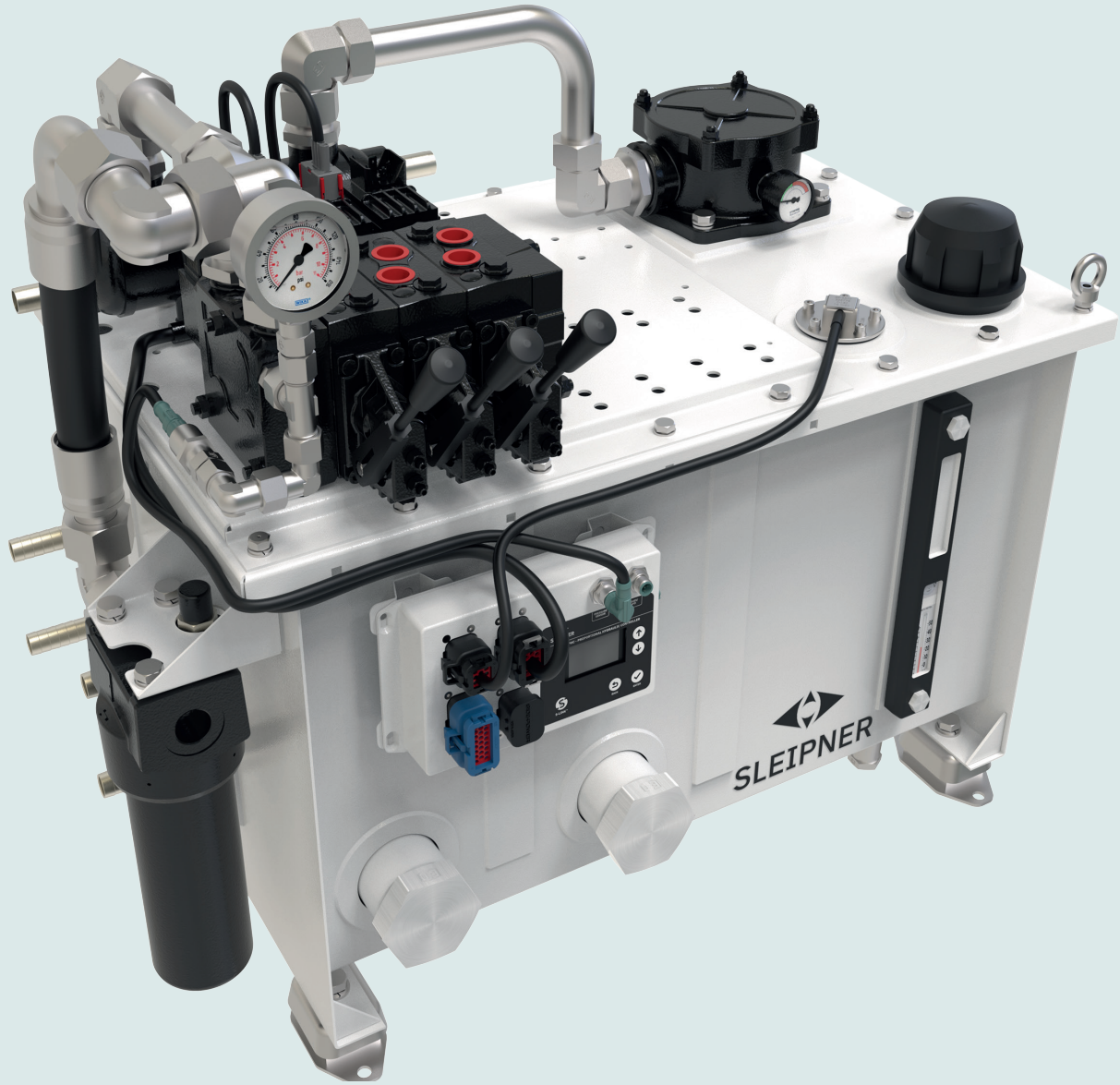
Instead of installing separate motors and power supplies for each system, a hydraulic solution reduces complexity while increasing reliability and efficiency.

Designed around high-quality components and efficient load-sense technology, Sleipner hydraulic systems deliver powerful performance with low noise and reduced energy consumption.

Key characteristics

- Centralized power for multiple onboard systems
- Compact, efficient system architecture
- Proven load-sense technology for reduced noise and heat
- Pre-installed and pre-tested systems for faster installation
- Designed for 24/7 marine operation
- Every system delivered with complete system documentation and schematics

SH systems provide powerful maneuvering capability with the endurance required for professional marine operations.



Ideal Vessel Class	Commercial vessels
Ideal Vessel Size	9-55 m / 30-175 ft
Power Source	Main engine / Generator
Reservoir	Powder coated stainless steel
Placement	Bulkhead / Floor / Rack mount
Control Signal	S-Link

Control panels

Proportional thruster control

Sleipner control panels provide precise proportional control of thrusters for professional and commercial vessels. The control systems are designed for reliable operation, clear system feedback and easy integration with the vessel's control systems through the S-Link network.

The control panels are available as integrated joystick panels or modular joystick and control panel solutions, supporting a wide range of vessel types and operational requirements.

PJC2 series

Joystick with integrated LCD display

The PJC2 series combines joystick control and system information in one compact control panel. The integrated LCD display provides instant feedback, system status and diagnostics, ensuring safe and efficient thruster operation.

The panel is designed for flush or console mounting and connects to the system via S-Link CAN-bus for simple installation and reliable communication.

Key features

- Single or dual joystick control
- Integrated LCD display
- System status and diagnostics
- Power and thrust direction indication
- Multi-language interface
- S-Link CAN-bus communication
- Built-in alarm buzzer
- Plug & Play installation
- Supports Sleipner thrusters and Vector Fins™ stabilizer control



Control panel	PJC211	PJC212	PJC221	PJC222
Control panel DNV Design Approved*	N/A	N/A	N/A	N/A
For thruster type	DC/AC	DC/AC	DC/AC/HYD	DC/AC/HYD
Display	Integrated	Integrated	Integrated	Integrated
Height (mm)	141	141	141	141
Width (mm)	83	83	83	83
S-Link™ CAN-Bus	Yes	Yes	Yes	Yes
Multi-voltage	Yes	Yes	Yes	Yes
Stop function	No	No	Yes	Yes
Thruster operation	Single	Dual	Single	Dual
Joystick type	Spring, hold-button	Spring, hold-button	Spring, hold-button	Spring, hold-button

*Only available for thruster models with DNV approved gear house

PJC4 series

Modular joystick and control panel system

The PJC4 series is a modular control system consisting of a joystick and a separate control panel with color LCD display. The system is designed for professional installations where flexible control positions and system layouts are required.

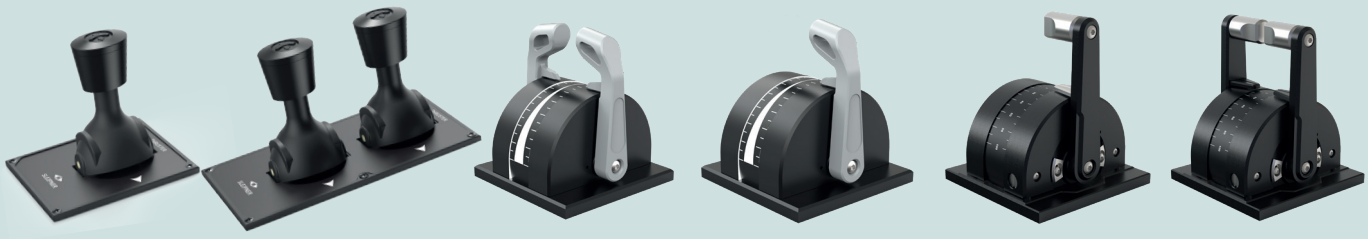
The control panel provides system status, diagnostics and monitoring information, while the joystick ensures precise proportional control of thrust. The system supports multiple joystick lever types and multiple control stations.

Key features

- Modular joystick and control panel solution
- Color LCD display with system information and diagnostics
- Power supply fault monitoring
- Station selection and command transfer between stations
- Supports multiple joystick types
- Designed for professional marine installations
- DNV type approved versions available
- Propeller RPM display (Optional)
- Gear leg oil level monitoring (Optional)



The PJC4 package consists of joystick of choice and TP-35 control panel.



PJC421-PVREL	PJC422-PVREL	PJC421-LE90	PJC422-LE90	PJC421-LF90X	PJC422-LF90X
PJC421-PVREL-DNV	PJC422-PVREL-DNV	PJC421-LE90-DNV	PJC422-LE90-DNV	PJC421-LF90X-DNV	PJC422-LF90X-DNV
DC/AC/HYD	DC/AC/HYD	DC/AC/HYD	DC/AC/HYD	DC/AC/HYD	DC/AC/HYD
Stand-alone	Stand-alone	Stand-alone	Stand-alone	Stand-alone	Stand-alone
123,4	206,0	96,0	96,0	96,0	96,0
105,5	106,0	96,0	96,0	96,0	96,0
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Single	Dual	Single	Dual	Single	Dual
Spring, twist detent	Spring, twist detent	Detent	Detent	Detent	Detent

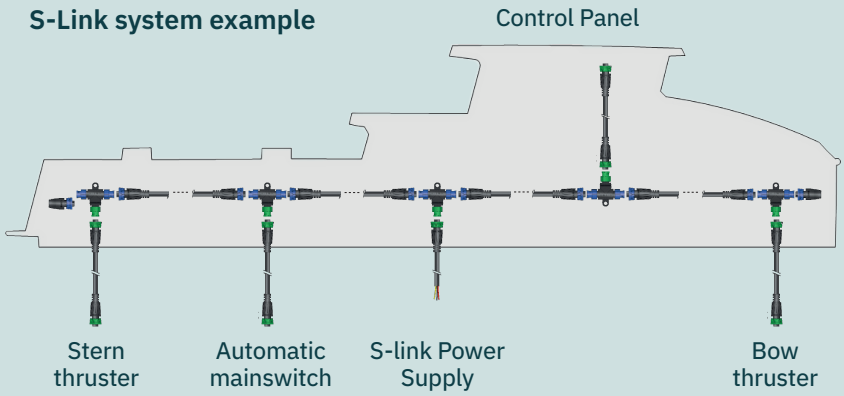
S-Link

S-Link is a CAN-bus based control system with full intelligent communication between all units in the system, much like a computer network. The system saves precious installation time as you can control DC, AC or Hydraulic thrusters, Stabilizers, Hydraulic Power Systems, control panels, joysticks, and various interfaces and automatic main switches all on the same network.

Advantages

- Round, compact and waterproof plugs with unique keying and color coding to avoid faulty hookup
- Unlimited number of commands or information transfer on a single cablel
- User feedback to panel
- Intelligent troubleshooting

S-Link system example



S-Link system with two control positions and a dual PRO thruster setup (bow and stern).

Depending on the boat's construction, there might be several different ways to route the S-Link backbone. Find the most practical way to implement the backbone and remember that the S-Link equipment does not need to be connected in a specific order.

Item code	Description	Parts
6 1320-xx	Backbone cable	4 pcs
6 1321-xx	Spur cable	4 pcs
6 1326	T connector	5 pcs
6 1328	Power cable	1 pc
6 1327	End terminator	2 pcs



Backbone cables

Forms the communication and power bus throughout the vessel. Available in different standard lengths.

Item code:
6 1320-xxM (xx=length)
6 1320-0.2M (0.2m)
6 1320-2M (2.0m)
6 1320-4M (4.0m)
6 1320-7M (7.0m)
6 1320-10M (10.0m)
6 1320-15M (15.0m)
6 1320-20M (20.0m)



Spur cables

Used to connect S-Link compliant products to the backbone cable. One SPUR Cable must be used for each connected component, with no exceptions. Recommended to be as short as practically possible. Available in different standard lengths.

Item code:
6 1321-xxM (xx=length)
6 1321-0.4M (0.4m)
6 1321-1M (1.0m)
6 1321-3M (3.0m)
6 1321-5M (5.0m)



Power cable

Required in all installations for connection of BACKBONE cable to a power supply. It shall not be more than one POWER cable in an installation. Length: 2,5 m.

Item code: 6 1328



End terminator

Must be one at each end of the BACKBONE bus.

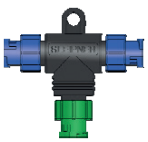
Item code: 6 1327



Backbone extender

Connects two BACKBONE cables to extend the length.

Item code: 6 1322



T connector

Used for connection of SPUR or POWER Cable to the BACKBONE Cable. One T-Connector for each connected cable.

Item code: 6 1326



S-Link 4-Port T-connector

Allows four spur cable connections in the same devic for a more tidy installation with fewer parts. Two sealing caps included for protection.

Item code: 6 1403

Accessories S-Link system



Voyage Data Recorder Interface

The VDRI-1 acts as a gateway between the Sleipner S-Link™ bus and a Voyage Data Recorder (VDR) NMEA0183 interface. VDRI-1 is compliant with SOLAS' and IMO's VDR requirements.

VDRI-1	
H (mm)	43,2
W (mm)	121,2
D (mm)	96



Thruster Monitoring Unit

The TMU-1 makes additional thruster information available on the S-Link bus. RPM of the thruster motor and gearleg low oil level alarm can be made available on Sleipner's PJC4 control panels by interfacing the thruster with TMU-1. This requires an RPM sensor on the thruster motor and a connection of Sleipner's 2.5 litres oil tank kit to the gearleg.

TMU-1 - SAC/SH	
H (mm)	43,2
W (mm)	121,2
D (mm)	96



Oil tank kit for thruster 2.5 litres

Connecting the external oil tank to the gearleg enables on-water oil change on selected models. By interfacing the oil tank's built-in level switch to TMU-1, S-Link control panels supporting TMU-1 can generate low-level alarms.



S-Link Interface

S-Link interface to connect footswitch, control panel and radio remote to the S-Link system (foot switch, panel and remote not included). Multivoltage 12/24V.

S-Link Interface 8730 B / 8730 S	
H (mm)	45
W (mm)	80
D (mm)	145
Item code bow thruster	8730 B
Item code stern thruster	8730 S



Gateway

The GW-1 gateway is used to interface NMEA2000 devices and Sleipner's S-Link system. The gateway can also be used to interface NMEA 0183 compliant GPS products, enabling S-Link products to receive GPS time and position data. Manufacturer can apply for access to parts of Sleipner's S-Link™ protocol, allowing 3rd party products to monitor and control Sleipner's S-Link™ thrusters and stabilizer systems.

GW-1	
H (mm)	26
W (mm)	50
D (mm)	127



S-Link Display Interface

The S-Link™ Display Interface (SDI-1) activates a Sleipner app on Multi-Functional Displays (MFD). The app enables monitoring and configuration of thruster and stabilizer systems.

SDI-1	
H (mm)	84
W (mm)	118
D (mm)	54



External Signal Interface

The ESI-1 External Signal Interface is used to interface digital IO signals and Sleipner's S-Link™ system. Two analog 4-20mA inputs offer proportional control of S-Link™ compliant bow and stern thrusters. Digital IOs are available for control and feedback signals.

ESI-1	
H (mm)	156
W (mm)	212
D (mm)	62



Foot switch

Foot switch kit suitable for 8730 S-Link™ interface. Kit contains 2 switches with covers to protect from unwanted operation. (Cables from switches to 8730 S-Link™ interface not included).

Foot Switch	
Diameter (mm)	105
Item code (kit)	8751

Built for every mission

From pilot boats and patrol vessels to ferries and offshore support ships, Sleipner thruster and hydraulic systems are trusted by commercial operators worldwide. Our project engineering team has delivered complete systems across a wide range of vessel types and operational requirements.

Vessel types we work with

Pilot boats
Demanding duty cycles and frequent manoeuvring in all weather conditions. Sleipner systems are built to handle it – every day, without compromise.

Workboats & tugboats
Heavy-duty operations require heavy-duty thrusters. Our hydraulic systems deliver continuous runtime and the raw thrust needed to get the job done.

Passenger ferries
Reliability and safety are non-negotiable. Sleipner systems are delivered with full class documentation and type approvals for passenger vessel operations.

Offshore support vessels
Precise positioning and long operational periods demand systems that never fail. Our SAC and SH thruster series are designed exactly for this.

Navy & patrol vessels
Performance under pressure. Sleipner delivers engineered systems with the documentation and approvals required for defence and government vessel programmes.

Fishing & aquaculture vessels
Robust systems for demanding marine environments, with worldwide spare parts availability and service support.



© OCEA FPB 100 SOKAN

Project engineering

Sleipner has been working in close partnership with leading boat builders for decades. Our in-house knowledge amongst our engineers represents more than 250 years of combined experience.

More than 5.500 vessels have been fitted with a Sleipner hydraulic system just in the last 20 years.

Main services

- Complete designs for thrusters, stabilizers and hydraulic power systems
- 3D modeling
- Calculations
- System specific documentation
- Type approvals/certifications
- On board system set up/training

A reliable partner

- In-house engineering, manufacturing and assembly
- Engineering assisted by extensive experience
- Use of superior material
- Controlled quality of every supplied part
- Only high quality brand components
- Worldwide product support

Scan the QR code below to see our commercial reference list for a small selection of our deliveries.



Thruster Features Explained

Sleipner thrusters are engineered with a wide range of features designed to enhance safety, control, and performance on the water. This page gives you a detailed overview of available features across our thruster lineup. Not all features are available on every model - please refer to individual product specifications or consult your dealer for guidance.



OVERHEAT
PROTECTION

Automatically detects high internal temperatures and shuts off the system before damage can occur - protecting the thruster from overheating.



GRAVITY FEED
LUBRICATION

A separate oil reservoir above the waterline feeds the gearleg using gravity. This creates overpressure for effective water sealing and allows for easy oil changes.



Q-PROP

A five-bladed skewed propeller that reduces noise by 20-40% in real-world installations - and up to 75% in controlled tests. Maintains or improves thrust performance. Upgrade kits are available for most models.



SMART
SHUT-OFF

Control panels automatically power down after approximately six minutes of inactivity to prevent accidental operation.



GALVANIC
SEPARATION

All submerged parts are electrically isolated from the onboard system to eliminate stray currents and prevent galvanic corrosion.



PRO™
VARIABLE SPEED CONTROL

Enables smooth, quiet, and precise maneuvering with variable speed operation. Includes a hold function for dual systems, keeping the boat gently pressed against the dock with a single button press. Ideal for joystick integration.



S-LINK™

A CAN-based control system for seamless communication between Sleipner components. Waterproof, color-coded connectors ensure easy, error-free installation. Scalable with extension cables, T-connectors, and varying lengths.



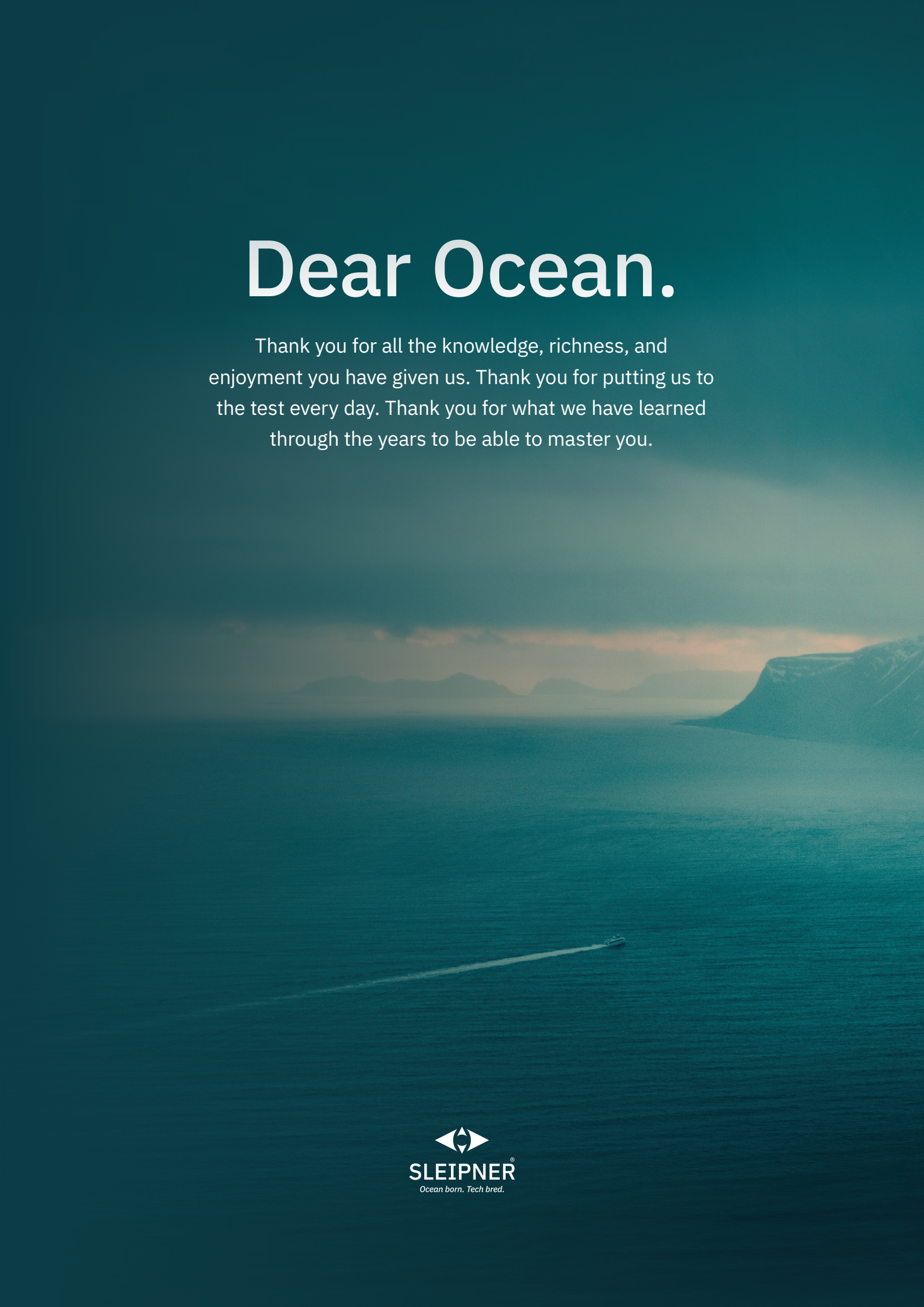
SEALED DRIVE
LUBRICATION

Factory-filled, lifetime lubrication sealed with long-life ceramic and carbon mechanical seals - offering maximum protection against water intrusion.



IGNITION
PROTECTION

Certified to ISO 8846 standards, these products prevent the ignition of flammable fumes by fully enclosing all electrical components.


Dear Ocean.
Thank you for all the knowledge, richness, and enjoyment you have given us. Thank you for putting us to the test every day. Thank you for what we have learned through the years to be able to master you.
SLEIPNER®
Ocean born. Tech bred.

Also from Sleipner

Sleipner also offers world-leading stabilizer systems. Vector Fins are available in both hydraulic and electric versions, reducing roll at anchor and underway – for a safer, more comfortable working environment at sea.



Hydraulic
Stabilizer



Electric
Stabilizer

Scan QR code for more information

Sources

p. 07: © Shutterstock
p. 28: © OCEA FPB 100 SOKAN

© Sleipner Group
Sleipner Group is committed to continuous improvement in product specifications, design, and manufacturing. As a result, changes may occur without prior notice. While every effort is made to keep this brochure up to date, it should not be regarded as a definitive guide to current specifications, nor does it constitute a formal offer for sale of any specific product.

Some images featured in this brochure are 3D renderings and may differ slightly in color or texture from the final product.
All Sleipner products comply with the relevant CE directives.