

The world's most complete range of DC thrusters



E-series tunnel thrusters	E100/185T	E120/215T	E130/250T	E150/215T	E170/250TC	E210/250TC	E240/250TC	E250/300TC	E300/300TC
Thrust at 24/48V (kg) *	100	120	130	150	170	210	240	250	300
Thrust at 21/42V (kg) *	100	120	130	150	170	210	240	250	300
Ideal Vessel Size (m/ft)	12-17/35-55	14-20/44-64	13-19/42-63	14-20/44-64	15-22/50-70	17-24/55-78	17-24/55-78	22-30/72-100	22-30/72-100
Internal Diameter (mm)	185	215	250	215	250	250	250	300	300
Propulsion System	Twin	Twin	Twin	Twin	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter
Power Output (kW • Hp)	5.6 • 7.6	6.0 • 8.0	5.1 • 6.8	8.1 • 10.9	7.3 • 9.9	10.4 • 14.0	12.7 • 17.0	11.1 • 14.9	15 • 20
Power requirement (V)	24/48	24/48	24/48	24/48	24/48	24/48	48	24/48	48
Weight (kg)	25	27	29	30	37	43	37	43	43
Min. Battery CCA** (DIN)	290/130	330/170	270/160	430/210	395/200	580/290	330	585/295	360
Item Code 24V	E100/185T-24V	E120/215T-24V	E130/250T-24V	E150/215T-24V	E170/250TC-24V	E210/250TC-24V		E250/300TC-24V	
Item Code 48V	E100/185T-48V	E120/215T-48V	E130/250T-48V	E150/215T-48V	E170/250TC-48V	E210/250TC-48V	E240/250TC-48V	E250/300TC-48V	E300/300TC-48V



Please visit sleipnergroup.com for complete technical information and an overview of features per product.

* Most battery based electrical systems will have a voltage drop when loaded with a demanding load, such as a powerful electric motor. It's important to be aware of this voltage drop when comparing thruster models, as the thrust output will vary depending on the voltage reaching the electric motor. The new E-series motors are more advanced and will electronically keep the rated thrust in a wider voltage range.

** All Battery CCA Ratings are stated at the DIN Rating, multiply by 1.9 to equal the SAE rating at 0° F which is ABYC standard. Cold cranking amperes (CCA) is the amount of current a battery can provide at 0° F (-18° C). The rating is defined as the current a lead-acid battery at that temperature can deliver for 30 seconds and maintain at least 1.2 volts per cell (7.2 volts for a 12-volt battery). It is a more demanding test than those at higher temperatures. This is the most widely used cranking measurement for comparison purposes.

Contact your battery supplier/electrical engineer for technical details regarding batteries.

*** Performance thrust equivalent (kgf x 1.4) due to increased leverage, depth of installation and short transverse tunnel. Depending on displacement and hull shape considerations. The EX series are not recommended as bow thruster on planing hulls, since the external unit may cause unwanted spray. A tunnel thruster is recommended for planing hulls.



Tunnel Thrusters	SE20/110S	SE25/110S	SE30/125S2	SE40/125S2	SE50/140S	SE60/185S2	SE80/185T	SE100/185T	SE120/215T	SE130/250T	SE150/215T	SE170/250TC	SE210/250TC	SE250/300TC	SE300/300TC						
Thrust at 12/24V (kg) *	25	30	40	48	62	62	73	96	96	116	116	139	160	160	182	210	240	240	240	48V	
Thrust at 10.5/21V (kg) *	20	25	30	40	50	50	60	80	80	100	100	120	130	130	150	170	210	240	240	340	
Ideal Vessel Size (m/ft)	>7/23	>7/24	6-8/20-28	8-10.5/26-34	8-11/27-37	8-11/27-37	10-15/35-48	12-17/35-55	13-18/42-60	13-19/42-62	14-20/44-64	15-22/50-70	17-24/55-78	18-25/60-84	22-30/72-100						
Internal Diameter (mm)	110	110	125	125	140	140	185	185	215	250	250	215	250	250	300	300	300	300	300	300	
Propulsion System	Single	Single	Single	Single	Single	Single	Single	Twin	Twin	Twin	Twin	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter	
Power Output (kW • Hp)	1.5 • 2	1.5 • 2	1.5 • 2	2.2 • 3	2.4 • 3.2	2.4 • 3.2	3.1 • 4.0	3.1 • 4.0	4.4 • 6	4.4 • 6	6.3 • 8.4	6.3 • 8.4	6.4 • 8.55	6.5 • 8.7	6.5 • 8.7	8.8 • 11.8	8.8 • 11.8	10 • 13.15	11.4 • 15.5	15 • 20	
Power requirement (V)	12V	12V	12V	12V	12V	24V	12V	24V	12V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	48V
Weight (kg)	9.5	9.5	9.5	10	15	15	15	20	31	31	34	37	37	38	44	68	70	70	70	73	
Min. Battery CCA** (DIN)	200	200	200	300	350	175	350	175	550	300	750	400	450	750	400	560	560	560	700	400	
Item Code 12V	SE20/110S	SE25/110S	SE30/125S2	SE40/125S2	SE50/140S-12V	SE60/185S2-12V	SE80/185T-12V	SE100/185T-12V			SE130/250T-12V										
Item Code 24V					SE50/140S-24V	SE60/185S2-24V	SE80/185T-24V	SE100/185T-24V	SE120/215T		SE130/250T-24V		SE150/215T	SE170/250TC	SE210/250TC	SE250/300TC	SE300/300TC				
Item Code 12V PRO	SEP20/110S	SEP25/110S	SEP30/125S2	SEP40/125S2	SEP50/140S-12V	SEP60/185S2-12V	SEP80/185T-12V	SEP100/185T-12V													
Item Code 24V PRO					SEP50/140S-24V	SEP60/185S2-24V	SEP80/185T-24V	SEP100/185T-24V	SEP120/215T	SEP130/250T-24V	SEP150/215T	SEP170/250TC	SEP210/250TC	SEP250/300TC	SEP300/300TC-48						
Item Code 12V IP			SE30/125S2-IP	SE40/125S2-IP		SE60/185S2-12IP	SE80/185T-12IP	SE100/185T-12IP													
Item Code 24V IP					SE50/140S-24IP	SE60/185S2-24IP	SE80/185T-24IP	SE100/185T-24IP													
Item Code 12V PRO IP			SEP30/125S2-12IP	SEP40/125S2-12IP	SEP50/140S-12IP	SEP60/185S2-12IP	SEP80/185T-12IP	SEP100/185T-12IP													
Item Code 12V PRO IP					SEP40/125S2-24IP	SEP50/140S-12IP	SEP60/185S2-24IP	SEP80/185T-24IP	SEP100/185T-24IP												



E-series retract thrusters	ERL100/185T	ERL130/250T	ERL170/250TC	ERV100/185T	ERV130/250T	ERV170/250TC	ERV210/250TC	ERV250/300TC	ERV300/300TC
Thrust at 24V/48 (kg) *	100	130	170	100	130	170	210	250	300
Thrust at 21/42V (kg) *	100	130	170	100	130	170	210	250	300
Ideal Vessel Size (m/ft)	12-17/35-55	13-19/42-62	15-22/50-70	12-17/35-55	13-19/42-62	15-22/50-70	17-24/55-78	22-30/72-100	22-30/72-100
(ID) Internal Diameter (mm)	185	250	250	185	250	250	250	300	300
Propulsion System	Twin	Twin	Twin Counter	Twin	Twin Counter	Twin Counter	Twin Counter	Twin Counter	Twin Counter
Power Output (kW • Hp)	5.6 • 7.6	5.1 • 6.8	7.3 • 9.9	6.3 • 8.4	5.1 • 6.8	7.3 • 9.9	10.4 • 14.0	11 • 14.9	15 • 20
Power requirement (V)	24/48V	24/48V	24/48V	24/48V	24/48V	24/48V	24/48V	48V	48V
Weight (kg)	51.7/51.5	92.5/92.3	93.0/92.8	44.4/44.2	83.4/83.2	83.9/83.7	90.8/90.6	122.3	122.3
Min. Battery CCA** (DIN)	300/150	300/180	420/255	300/150	300/180	420/220	600/320	350	395
Item Code 24V	ERL100/185T-24V	ERL130/250T-24V	ERL170/250TC-24V	ERV100/185T-24V	ERV130/250T-24V	ERV170/250TC-24V	ERV210/250TC-24V		
Item Code 48V	ERL100/185T-48V	ERL130/250T-48V	ERL170/250TC-48V	ERV100/185T-48V	ERV130/250T-48V	ERV170/250TC-48V	ERV210/250TC-48V	ERV250/300TC-48V	ERV300/300TC-48V



Retract thrusters*	SR80/185T	SR100/185T	SRL80/185T	SRL100/185T	SRL130/250T	SRL170/250TC	SRV80/185T	SRV100/185T	SRV130/250T-12V	SRV170/250TC	SRV210/250TC	SRV300/300TC
Thrust at 12/24V (kg) *	96	116	96	116	160	210	96	116	160	210	250	340
Thrust at 10.5/21V (kg) *	80	100	80	100	130	170	80	100	130	170	210	300
Ideal Vessel Size (m/ft)	10-15/35-48	12-17/35-55	10-15/35-48	12-17/35-55	13-19/42-62	15-22/50-70	10-15/35-48	12-17/35-55	13-19/42-62	15-22/50-70	17-24/55-78	22-30/72-98
(ID) Internal Diameter (mm)	185	185	185	185	250	250	185	185	250	250	250	300
Propulsion System	Twin	Twin	Twin	Twin	Twin	Twin Counter	Twin	Twin	Twin	Twin Counter	Twin Counter	Twin Counter
Power Output (kW • Hp)	4.4 • 6	6.3 • 8.4	4.4 • 6	6.3 • 8.4	6.5 • 8.7	8 • 11.8	4.4 • 6	6.3 • 8.4	6.5 • 8.7	8 • 11.8	10 • 13.5	15 • 20
Power requirement (V)	12/24V	12/24V	12/24V	12/24V	12/24V	24V	12/24V	12/24V	12/24V	12/24V	24V	48V
Weight (kg)	31	44	31	44	82	88	31	44	82	88	112	120
Min. Battery CCA** (DIN)	550/300	750/400	550/300	750/400	750/400	560	550/300	750/400	750/400	560	560	400
Item Code 12V	SR80/185T-12V	SR100/185T-12V	SRL80/185T-12V	SRL100/185T-12V	SRL130/250T-12V		SRV80/185T-12V	SRV100/185T-12V	SRV130/250T-12V			
Item Code 24V	SR80/185T-24V	SR100/185T-24V	SRL80/185T-24V	SRL100/185T-24V	SRL130/250T-24V	SRL170/250TC-24V	SRV80/185T-24V	SRV100/185T-24V	SRV130/250T-24V	SRV170/250TC-24V	SRV210/250TC-24V	SRV300/300TC-48V
Item Code 12V PRO	SRP80/185T-12V	SRP100/185T-12V	SRLP80/185T-12V	SRLP100/185T-12V	SRLP130/250T-12V		SRVP80/185T-12V	SRVP100/185T-12V	SRVP130/250T-12V			
Item Code 24V PRO	SRP80/185T-24V	SRP100/185T-24V	SRLP80/185T-24V	SRLP100/185T-24V	SRLP130/250T-24V		SRVP80/185T-24V	SRVP100/185T-24V				

Main thruster features



GALVANIC SEPARATION

Immersed parts exposed to seawater are galvanic isolated from the onboard electrical system, eliminating stray currents.



OVERHEAT PROTECTION

Automatic detection of overheating of internal components. When an unsafe temperature is detected, the unit is automatically shut off to prevent overheating.



SAFE STARTUP

Sleipner control panels use dual 'ON' buttons to engage the product to start to prevent accidental activation for a child-safe environment.



GRAVITY FEED LUBRICATION

The thruster gearleg is supplied with oil from a separate reservoir above the waterline. This generates overpressure, making an effective seal against water intrusion while allowing easy access for oil change.



PRO™ VARIABLE SPEED CONTROL

A PRO™ thruster system enables you to apply only the necessary power to complete your maneuver. The variable speed control eliminates the noise associated with standard on/off thrusters.

The system also includes a practical hold-function. In a dual system (bow and stern) a single press of a button will keep you alongside the docks - making docking truly a one-person job.

Speed controlled thrusters are the best choice for joystick interaction.



IGNITION PROTECTION

Our ignition-protected products are compliant with ISO 8846 and ensure gasoline or other flammable fumes cannot enter or be ignited.



SEALED DRIVE LUBRICATION

The thruster gearleg is pre-filled for lifetime lubrication and sealed using a long-time mechanical seal with ceramic and carbon surfaces for ultimate security against water intrusion.



S-LINK™

S-Link™ is a CAN-based control system used for communication between Sleipner products installed on a vessel.

- Compact and waterproof plugs
- Keyed and color-coded connectors to ensure correct and easy installation
- Different cable lengths, extenders and T-connectors makes the system scalable and flexible to install.



Q-PROP

The Q-PROP™ has measured noise reductions of up to 75% in controlled environments. The five-bladed skew propeller reduces noise levels while maintaining exceptional efficiency. Some thruster models even see an increase in thrust power.

The expected noise reduction in average installations: 20-40%.

Upgrade kits are available for most Sleipner thruster models with special adaptors.



INTELLIGENT POWER CONTROL

Sleipner's patented intelligent power control provides a minimal delay between drive directions to reduce wear of the mechanical parts while monitoring solenoid functions. In the case of a solenoid lock-in, the thruster will automatically stop without extra user action or controlling the main switch.



SMART SHUT-OFF

Sleipner control panels are programmed to shut down automatically after approximately 6 minutes without use to avoid accidental activation.

Please visit sleipnergroup.com for complete technical information and an overview of features per product.

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Sleipnergroup constantly seeks ways of improving specifications, design and production. Thus, alterations take place continuously. Whilst every effort is made to produce up-to-date literature, this brochure should not be regarded as a definitive guide to current specifications, nor does it constitute an offer for the sale of any particular product.

Some product images used in this brochure are 3D model illustrations and might deviate in color and texture from actual product.

All Sleipner products fulfill the requirements of the relevant CE-directives.

Sleipner DC Thruster Range May 2024



Upgrade to PRO variable speed control

Most Sleipner (Side-Power) DC 12 and 24V models from 1999/2000 and later can be updated to PRO with variable speed control.

Scan the QR code to read more about upgrading



Add a remote control

Free yourself from the dashboard. You can operate the system remotely for easy short-handed docking by adding a remote control.

Scan the QR code to go directly to products



Add a stern thruster

The selection of stern thrusters has increased significantly, allowing space-saving solutions for additional vessel types. Scan the QR code to see our complete stern thruster program.



For more information about thruster accessories, please visit www.sleipnergroup.com

Most thruster systems can be upgraded with several practical benefits.



SX External thrusters	SX35/140 50MM	SX35/140 150MM	SX50/140 50MM	SX50/140 150MM	SX35/140 50POD	SX50/140 50POD
Thrust at 12V (kg) *	42	42	62	62	42	62
Thrust at 10.5V (kg) *	35	35	50	50	35	50
Ideal Vessel Size (m/ft)	6-10/19-32	6-10/19-32	8-11/27-37	8-11/27-37	6-10/19-32	8-11/27-37
ID (mm)	140	140	140	140	140	140
Single Propeller	Yes	Yes	Yes	Yes	Yes	Yes
Power Output (kW • Hp)	1.8 • 2	1.8 • 2	2.8 • 3.75	2.8 • 3.75	1.8 • 2	2.8 • 3.75
Power requirement (V)	12V	12V	12V	12V	12V	12V
Weight (kg)	15.3	15.3	15.3	15.3	15.3	15.3
Min. Battery CCA** (DIN)	200	200	350	350	200	350
Item Code 12V	SX35/140-12V-50MM	SX35/140-12V-150MM	SX50/140-12V-50MM	SX50/140-12V-150MM	SX35/140-12V-50POD	SX50/140-12V-50POD
Item Code 24V	-	-	-	-	-	-
Item Code 12V PRO	SXP35/140-12V-50MM	SXP35/140-12V-150MM	SXP50/140-12V-50MM	SXP50/140-12V-150MM	SXP35/140	SXP50/140
Item Code 24V PRO	-	-	-	-	-	-
Cowls	COWL-SX35/50	COWL-SX35/50	COWL-SX35/50	COWL-SX35/50	COWL-SX35/50	COWL-SX35/50



SX External thrusters	SX 80/185 T	SX 100/185 T
Thrust at 12/24V (kg) *	96	116
Thrust at 10.5/21V (kg) *	80	100
Ideal Vessel Size (m/ft)	10-15/35-48	12-17/35-55
(ID) Internal Diameter (mm)	185	185
Propulsion System	Twin	Twin
Power Output (kW • Hp)	4.4 • 5.9	6 • 8.05
Power requirement (V)	12/24	12/24
Weight (kg)	52	57
Min. Battery CCA** (DIN)	550	750
Item Code 12V	SX80/185T-12V	SX100/185T-12V
Item Code 24V	SX80/185T-24V	SX100/185T-24V
Item Code 12V PRO	SXP80/185T-12V	SXP100/185T-12V
Item Code 24V PRO	SXP80/185T-24V	SXP100/185T-24V
Cowls	90080	90080



EX Thruster*	EX70C	EX95S	EX180D
Thrust at 23V (kg)	67	67	130
Performance thrust at 24V (kg)***	95	95	180
Ideal Vessel Size (m/ft)	10-15/35-48	10-15/35-48	14-18/44-59
Tunnel ID (mm)	150	150	150
Propulsion system	Single	Single	dual
Power Output (kW • Hp)	3.0 • 4.0	3.0 • 4.0	6.0 • 8.0
Power requirement (V)	12V	24V	24v
Weight (kg)	19.5	19.5	35
Min. Batt. Cap CCA** (DIN)	190	190	375
Item Code 12V	-	-	-
Item Code 24V	EX70C	EX95S	EX180D

ON/OFF



Control Panels	8950	8955	8960	8965	8940	8909
Description	Touchpanel	Round touchpanel	Joystick panel	Boat switch panel	Dual joystick panel	Docking panel
Height (mm)	70	Ø86.5	70	Ø86.5	120	120
Width (mm)	70		70		70	70
Thruster signal	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off
Multi-voltage	Yes	Yes	Yes	Yes	Yes	Yes
Child safety	Yes	Yes	Yes	Yes	Yes	Yes
For PRO DC Speed Control	-	-	-	-	-	-
Item Code Grey	8950 G	8955 G	8960 G	8965	8940 G	8909 C
Item Code Black			8960 S		8940 S	

S-LINK™



Control Panels	8700	PJC211	PJC212	RCS-20 ¹⁾	RC-20 ¹⁾	RC-21 ¹⁾	RC-22 ¹⁾	RC-23 ¹⁾
Description	Touch panel retract	Single joystick PRO	Dual joystick PRO	Remote bow/stern	Remote bow/stern	Remote bow/windl.	Remote windl. x2	Remote bow x2/windl.x2
Height (mm)	70	141	141	95	95	95	95	95
Width (mm)	70	83	83	48	48	48	48	48
Thruster signal	S-Link™ CAN-bus	S-Link™ CAN-bus	S-Link™ CAN-bus	S-Link™ CAN-bus	On/Off	On/Off	On/Off	On/Off
Multi-voltage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Child safety	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
For PRO DC Speed Control	-	Yes	Yes	Yes (On/Off only)	-	-	-	-
Item Code Grey	8700	PJC211	PJC212	RCS-20E/RCS-20U	RC-20E/RC-20U	RC-21E/RC-21U	RC-22E/RC-22U	RC-23E/RC-23U
Item Code Black								

The remote receiver accepts up to four independent transmitters.

¹⁾ Please use E type remotes for EU and U type remotes for North America.



SLEIPNER
Ocean born. Tech bred.



MODEL RANGE
DC ELECTRIC THRUSTERS