

Standard on-off versus variable speed control

Dock smooth and quietly with speed controlled thrusters

Put a throttle in your thruster!

Get the luxury of silently adjusting how much thrust to use when maneuvering your boat into our out of a tight spot using variable speed control. Combining known performance and reliability with total control of thruster power provides an ease to beginners as well as seasoned boaters, while eliminating much of the noise associated with on-off thrusters.

Increasing boat sizes and the number of boats have outrun the harbor space for many years around the globe, making docking more challenging than ever. Easy maneuvering has become more critical, making thrusters a standard fit in most boats, as they undeniably offer great help while docking in challenging locations or adverse weather conditions.

With many boat owners having had boats with under-powered thrusters, they now would like to have enough power in their thrusters to make sure they perform well and do their job in the worst conditions. To install a thruster system rated for the worst conditions is advisable, as it is in these situations you need a thruster system the most.

However, while docking in calm weather conditions, many boat owners find that using 100% of the thruster effect is unnecessary and creates unwanted noise in an otherwise quiet harbor.

Sleipner PRO (proportional) thrusters will be a different experience and provide a no-compromise solution with fully speed-controlled thrusters. Unlike on-off thruster systems, where you will get a 100% thrust at once, a proportionally controlled system starts at a lower RPM as you throttle on. This makes a massive difference as the softer acceleration

creates a lot less cavitation in the tunnel, which reduces noise in a thruster.

As you can now choose the right thrust for any docking situation, docking in a quiet harbor does not need a lot of power, and you will find that you can slip the boat into your dock almost without making a sound.

When running the thruster at reduced power, the heat development in a DC electric motor is much lower. In most cases, at 50% power or less, you can expect close to continuous run time, only limited by your available power supply.

The first part of docking is maneuvering alongside the pier safe and smoothly. The second part is staying there until you are tied off. With a twin system with variable speed control (bow and stern thruster), you also get a practical hold-function, enabling you to set and leave the level of thrust. It's a feature that short-handed skippers often rely on to pin their boats against the dock while they step off to secure the lines. You can easily adjust the amount of thrust applied depending on the docking conditions.

Visit www.sleipnergrouper.com to learn more.





SLEIPNER

Ocean born. Tech bred.



Ignition Protected DC electric tunnel thrusters

Benefits

- Tested according to ISO 8846 Ignition Protected standards
- Waterproof housing
- Tinned plated brass terminals
- Manufactured, tested and delivered as a ready sealed unit, ensuring that the installer does not have to fit any other parts that can jeopardize the hermetical seal
- Plug-and-go control cables
- Accessible components and easy maintenance
- Flexible installation/mounting

Sleipner offers modified versions of our DC electric thrusters to provide reliable and safe thruster installations. The IP version (ignition protected) have a hermetically sealed composite housing around all electric parts. The IP versions are for use in stern and other locations that may get wet or be exposed to gasoline fumes.

An additional advantage is that electric parts that could obtain water damage are also covered and protected, making these thrusters the ideal choice for stern thruster installations where ensuring that the thruster will always remain dry is difficult.

The IP versions have all the benefits and proven reliability of our standard DC electric tunnel thrusters.

AMI
SINGAPORE

AMI Marine International Pte Ltd

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Blk 196 Pandan Loop #4-15,
Pantech Business Hub,
Singapore 128384

Singapore +65 6775 0081
Vietnam +84 (254) 3513 345
A member of the AMI Group

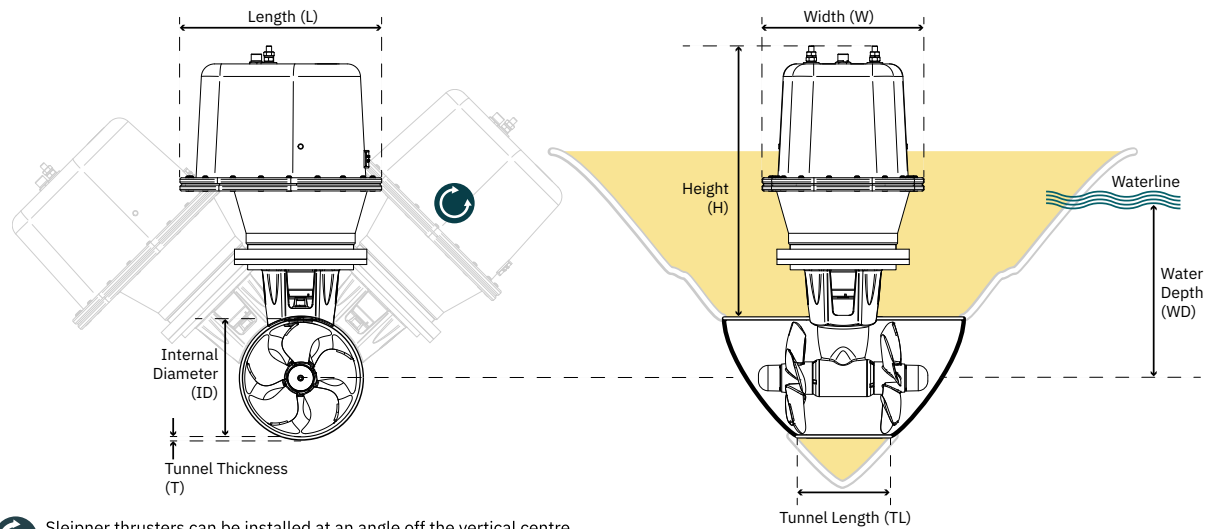
Connect with us:


sales@amisales.com.sg
www.amisales.com.sg





IP Thruster*	SE30/125S2-IP	SE40/125S2-12IP	SE50/140S-IP	SE60/185S2-IP
Thrust at 12/24V (kg)	40	48	62	73
Thrust at 10.5/21V (kg)	30	40	50	60
Ideal Vessel Size (m/ft)	6-8/20-28'	8-10.5/26-34'	8-11/27-37'	9-12/29-38'
(ID) Internal Diameter (mm)	125	125	140	185
Propulsion System	Single	Single	Single	Single
Power Output (kW)	1.5	2.2	2.4	2.4
Power requirement (V)	12V	12V	12/ 24V	12/ 24V
Weight (kg)	9.5	10	15	16
Min. Battery CCA* (DIN)	200	300	350	350
Item Code 12V	SE30/125S2-IP	SE40/125S2-IP	SE50/140S-12V-IP	SE60/185S2-12IP
Item Code 24V			SE50/140S-24V-IP	SE60/185S2-24IP
Item Code 12V PRO	SEP30/125S2-12IP	SEP40/125S2-12IP	SEP50/140S-12V-IP	SEP60/185S2-12IP
Item Code 24V PRO		SEP40/125S2-24IP	SEP50/140S-24V-IP	SEP60/185S2-24IP
Stern tunnel kit	90124i	90124i	—	90052i
Cowls - short model	—	—	—	90075
Cowls - long model	90126	90126	—	90077

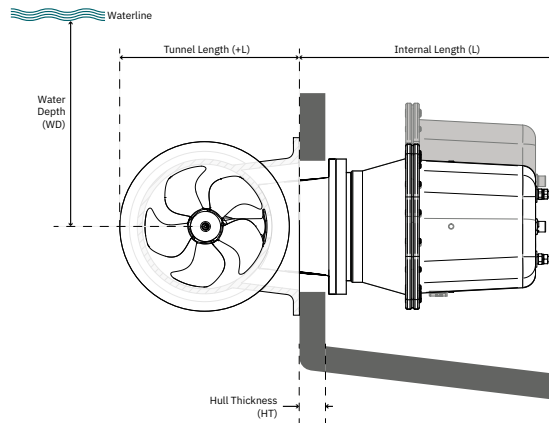


 Sleipner thrusters can be installed at an angle off the vertical centre. Tailored to fit any space available in your vessel.

Bow Thruster	SE30-IP	SE40-IP	SE50-IP	SE50	SE60-IP	SE80-IP	SE100-IP	SE120-IP	SE130-IP	SE170-IP
mm	12V	12V	12V	24V	12/24V	12/24V	12V/ 24V	24V	12V/ 24V	24V
(H) Height	291	288	323	323	321	406	499/ 510	501	511	514
(L) Length	238	238	272	272	272	327	381	381	381	381
(W) Width	234	234	232	232	232	262	306	306	306	306
(ID) Internal Diameter	125	125	140	140	185	185	185	215	250	250
(WD) Water Depth	125	125	140	140	185	185	185	215	250	250
(TL) Recommended Tunnel Length	136	136	152	152	165	216	195/ 216	276	303	322
(TL min.) Minimum Tunnel Length	111	111	124	124	128	179	158	233	253	272
(T min.) Min. Tunnel Wall Thickness	4	4	5	5	4	6	6	6	6	7
(T max.) Max. Tunnel Wall Thickness	6	6	7	7	6	8	8	8	8	9



SE80/185T-IP	SE100/185T-IP	SE120/215T-24IP	SE130/250T-IP	SE170/250TC-IP
96	116	139	160	210
80	100	120	130	170
10-15/35-48'	12-17/35-55'	13-18/42-60'	13-19/42-62'	15-22/50-70'
185	185	215	250	250
Twin	Twin	Twin	Twin	Twin Counter
4.4	6.3	6.4	6.5	8.8
12/ 24V	12/ 24V	24V	12/ 24V	24V
20	31	34	37	44
550	750	450	400	560
SE80/185T-12V-12IP	SE100/185T-12V-12IP		SE130/250T-12V-12IP	
SE80/185T-24V-24IP	SE100/185T-24V-24IP	SE120/215T-IP	SE130/250T-24V-24IP	SE170/250TC-IP
SEP80/185T-12V-12IP	SEP100/185T-12V-12IP		SEP130/250T-12V-12IP	
SEP80/185T-24V-24IP	SEP100/185T-24V-24IP	SEP120/215T-IP	SEP130/250T-24V-24IP	SEP170/250TC-IP
90086i	90086i	90135i	90150i	90150i
90075	90075	—	—	—
90077	90077	90136	90130	90130



Stern Thruster	SE30-IP	SE40-IP	SE50-IP	SE50	SE60-IP	SE80-IP	SE100-IP	SE120-IP	SE130-IP	SE170-IP
mm	12V	12V	12V	24V	12/24V	12/24V	12V/ 24V	24V	12V/ 24V	24V
(L) Internal Length	256	268	-	-	278	364	458/ 468	463	463	362
(+L) Tunnel Length	188	188	-	-	265	265	265	300	345	345
(WD) Stern Water Depth	125	125	-	-	185	185	185/ 125	215	250	250
(HT) Maximum Hull Thickness	70	65	-	-	88	64	72	97	83	56

* Note - See page 115