



Product Specifications Sheet



Product Specifications DC Thruster Series

Declaration of Conformity

We, Sleipner Motor AS hereby Declare that following Side-Power DC thruster products complies with the EC Directives and Standards:

94/25 Recreational Craft Directive 2006/42 Machinery Safety 89/336 Electromagnetic Compatibility

SE series	Side-Power Electric Tunnel Thruster	30-210kg thrust ON/OFF
SEP series	Side-Power Electric Tunnel Thruster	30-240kg thrust Proportional
SE-IP series	Side-Power Electric Tunnel Thruster	30-170kg thrust ON/OFF-Ignition Protection
SEP-IP series	Side-Power Electric Tunnel Thruster	30-170kg thrust Proport. Ignition Protection
SR series	Side-Power Retractable Thruster	80/100kg thrust On/Off
SRP series	Side-Power Retractable Thruster	80/100kg thrust Proportional
SRL series	Side-Power Retractable Thruster	80/100kg thrust On/Off Low Profile
SRLP series	Side-Power Retractable Thruster	80/100kg thrust Low Profile Proportional
SRV series	Side-Power Retractable Thruster	80-285kg thrust Vertical On/Off
SRVP series	Side-Power Retractable Thruster	80-210kg thrust Vertical Proportional
SRVL series	Side-Power Retractable Thruster	80/100kg thrust Vertical On/Off Low Profile
SP Series	Side-Power Electric Tunnel Thruster	240/285kg thrust On/Off
EB Series	Side-Power Electric Tunnel Thruster	20-90kg thrust On/Off Belt
EX Series	Side-Power External Thruster	25-180kg thrust On/Off
SX Series	Side-Power External Thruster	80/100kg thrust On/Off External
SXP Series	Side-Power External Thruster	80/100kg thrust Proportional External

Leading boat builders all over the world choose Side-Power for performance, reliability, ease of installation and unrivalled safety features.

This commitment to quality and product development has made the Side-Power range of thrusters the benchmark in the industry.

Arne Skauen

Arne K Skauen
Managing Director, Sleipner Motor AS

FREDRIKSTAD, 26th of January 2016



ISO 9001 CERTIFIED COMPANY



Confidence by Control

SIDE-POWER.com

Version 1_0_3_2016



Product Specifications Sheet



Specifications and performance data

- Actual performances will vary for each installation depending on many factors.
- Specifications shown here are based on a thruster installed at a depth equal to one tunnel diameter and with DC electric power at thruster as shown.

SE Series thrusters*	SE 30/I25 S	SE 40/I25 S	SE 60/I85 S	SE 80/I85 T	SE 100/I85 T	SE 120/215 T
Thrust at 10.5V/21V* (kg • lbs)	30 • 66	40 • 88	60 • 132	80 • 176	100 • 220	120 • 264
Thrust at 12V/24V* (kg • lbs)	40 • 88	48 • 105	73 • 161	96 • 212	116 • 256	139 • 306
Typical boat size (ft • m)	20' - 28' • 6 - 8.5	26' - 34' • 8 - 10.5	29' - 39' • 9 - 12	35' - 48' • 10 - 15	39' - 55' • 12 - 17	42' - 60' • 13 - 18
Tunnel I.D. (mm • in)	125 • 4.92"	125 • 4.92"	185 • 7.3"	185 • 7.3"	185 • 7.3"	215 • 8.46"
Propulsion system	Single	Single	Single	Twin	Twin	Twin
Power at 10.5V/21V* (kw • Hp)	1.5 • 2	2.2 • 3	3.1 • 4	4.4 • 6	6.3 • 8.4	6.4 • 8.55
For DC system (V)	12	12	12/24	12/24	12/24	24
Weight (kg • lbs)	9.5 • 21	10 • 22	16 • 35	20 • 44	31 • 68	34 • 74
Rec. CCA (DIN** 12/24V)	200	300	350 • 175	550/300	750/400	- / 400

Item Code I2V	SE30/I25S(-IP)	SE40/I25S(-IP)	SE60/I85S-I2V(I2IP)	SE80/I85T-I2V(-I2IP)	SE100/I85T-I2V(-I2IP)	
Item Code 24V			SE60/I85S-24V(24IP)	SE80/I85T-24V(-24IP)	SE100/I85T-24V(-24IP)	SE120/215T (-IP)
Item Code I2V PRO*	SEP30/I25S(-IP)	SEP40/I25S(-IP)	SEP60/I85S-I2V (IP)	SEP80/I85T-I2V(-I2IP)	SEP100/I85T-I2V(-I2IP)	
Item Code 24V PRO*			SEP60/I85S-24V (IP)	SEP80/I85T-24V(-24IP)	SEP100/I85T-24V(-24IP)	SEP120/215T (-IP)



SE 130/250 T	SE 150/215 T	SE 170/250 TC	SE 210/250 TC	SP 240 TCi	SP 285 TCi
130 • 284	150 • 330	170 • 374	210 • 462	240 • 528	285 • 627
160 • 352	182 • 400	210 • 462	250 • 550	300 • 660	340 • 748
42' - 62' • 13 - 19	44' - 65' • 14 - 20	50' - 72' • 15 - 22	55' - 78' • 17 - 24	60' - 82' • 18 - 25	72' - 98' • 22 - 30
250 • 9.8"	215 • 8.46"	250 • 9.8"	250 • 9.8"	300 • 11.8"	300 • 11.8"
Twin	Twin	Twin Counter rot.	Twin Counter rot.	Twin Counter rot.	Twin Counter rot.
6.5 • 8.7	8.8 • 11.8	8 • 10.7	10 • 13.15	11.4 • 15.5	15 • 20
12/24	24	24	24	24	24 (48V motor)
37 • 77	38 • 79	44 • 97	68 • 150	70 • 154	73 • 160
750/400	- / 560	- / 550	- / 650	- / 700	- / 2x450 - 24V

SE130/250T-I2V(-I2IP)					
SE130/250T-24V(-24IP)	SE150/215T	SE170/250TC(-IP)	SE210/250TC	SP240TCi	SP285TCi
SEP130/250T-I2V(-I2IP)					
SEP130/250T-24V(-24IP)	SEP150/215T	SEP170/250TC(-IP)	SEP210/250TC	SEP240TCi	



EB Series thrusters*	EBS 20/I10 S	EB 40/I60 S	EB 60/I60 S	EB 75/I85 S	EB 90/I85 S
Thrust at 10.5V/21V* (kg • lbs)	20 • 44	40 • 88	60 • 132	75 • 165	90 • 198
Thrust at 12V/24V* (kg • lbs)					
Typical boat size (ft • m)	up to 23' • 7	23' - 29' • 7 - 8.8	29' - 38' • 9 - 12	32' - 45' • 9.7 - 14	39' - 50' • 12 - 17
Tunnel I.D. (mm • in)	110 • 4.33"	160 • 6.3"	160 • 6.3"	185 • 7.3"	185 • 7.3"
Propulsion system	Single	Single	Single	Single	Single
Power at 10.5V/21V* (kw • Hp)	1.6 • 2.2	2.0 • 2.7	5.0 • 6.8	6.0 • 8.1	6.5 • 8.8
For DC system (V)	12	12	12/24	12/24	12/24
Weight (kg • lbs)	5 • 11	13 • 28.5	15 • 33	17 • 37.5	17 • 37.5
Rec. CCA (DIN** 12/24V)	200	250	630/ 315	750/375	820/410
Item Code I2V	EBS20/I10S	EB40/I60S	EB60/I60S-I2V	EB75/I85S-I2V	EB90/I85S-I2V
Item Code 24V			EB60/I60S-24V	EB75/I85S-24V	EB90/I85S-24V



Product Specifications Sheet



SR Series thrusters*

	SR 80/185 T	SR 100/185 T	SRL 80/185 T	SRL 100/185 T	SRV 80/185 T
Thrust at 10.5V/21V* (kg • lbs)	80 • 176	100 • 220	80 • 176	100 • 220	80 • 176
Thrust at 12V/24V* (kg • lbs)	96 • 212	96 • 212	96 • 212	96 • 212	96 • 212
Typical boat size (ft • m)	35' - 48' • 10 - 15	35' - 55' • 12 - 17	35' - 48' • 10 - 15	35' - 55' • 12 - 17	35' - 48' • 10 - 15
Tunnel I.D. (mm • in)	185 • 7.3"	185 • 7.3"	185 • 7.3"	185 • 7.3"	185 • 7.3"
Propulsion system	Twin	Twin	Twin	Twin	Twin
Power at 10.5V/21V* (kw • Hp)	4.4 • 6	6.3 • 8.4	4.4 • 6	6.3 • 8.4	4.4 • 6
For DC system (V)	12/24	12/24	12/24	12/24	12/24
Weight (kg • lbs)	31 • 68	44 • 97	31 • 68	44 • 97	31 • 68
Rec. CCA (DIN** 12/24V)	550/300	750/400	550/300	750/400	550/300
Installation	mould-in	mould-in	flange	flange	flange

Item Code 12V	SR80/185T-12V	SR100/185T-12V	SRL80/185T-12V	SRL100/185T-12V	SRV80/185T-12V
Item Code 24V	SR80/185T-24V	SR100/185T-24V	SRL80/185T-24V	SRL100/185T-24V	SRV80/185T-24V
Item Code 12V PRO*	SRP80/185T-12V	SRP100/185T-12V	SRLP80/185T-12V	SRLP100/185T-12V	SRVP80/185T-12V
Item Code 24V PRO*	SRP80/185T-24V	SRP100/185T-24V	SRLP80/185T-24V	SRLP100/185T-24V	SRVP80/185T-24V



SRV 100/185 T	SRV 130/250 T	SRV 170/250 TC	SRV 210/250 TC	SRV 285/300 TC
100 • 220	130 • 284	170 • 374	210 • 462	285 • 627
116 • 256	160 • 352	210 • 462	250 • 550	340 • 748
35' - 55' • 12 - 17	42' - 62' • 13 - 19	50' - 70' • 15 - 22	55' - 78' • 17 - 24	72' - 98' • 22 - 30
185 • 7.3"	250 • 9.8"	250 • 9.8"	250 • 9.8"	300 • 11.8"
Twin	Twin	Twin Counter rot.	Twin Counter rot.	Twin Counter rot.
6.3 • 8.4	6.5 • 8.7	8 • 10.7	11 • 14.5	15 • 20
12/24	12/24	24	24	24 (48V motor)
44 • 97	82 • 181	88 • 194	112 • 247	117 • 258
750/400	750/400	550	650	- / 2x450 - 24V
flange	flange	flange	flange	flange
SRV100/185T-12V	SRV130/250T-12V			
SRV100/185T-24V	SRV130/250T-24V	SRV170/250TC-24V	SRV210/250TC-24V	SRV 285/300TC-48
SRVP100/185T-12V	SRVP130/250T-12V			
SRVP100/185T-24V	SRVP130/250T-24V	SRVL170/250TC-24V	SRVP210/250TC-24V	

EX Series thrusters

	EX 35 S	EX 55 S	EX 75 S	EX 95 S	EX 110 D	EX 180 D
Thrust at 11.5V/23V* (kg • lbs)	25 • 55	40 • 88	53 • 117	67 • 148	80 • 176	130 • 264
Performance thrust* (kg • lbs)	35 • 77	55 • 121	74 • 163	95 • 210	110 • 243	180 • 397
Typical boat size (ft • m)	20' - 28' • 6 - 8.5	26' - 34' • 8 - 10.5	29' - 38' • 9 - 12	35' - 48' • 10 - 15	35' - 53' • 12 - 16	44' - 59' • 14 - 18
Tunnel I.D. (mm • in)	150 • 5.9"	150 • 5.9"	150 • 5.9"	150 • 5.9"	150 • 5.9"	150 • 5.9"
Propulsion system	Single	Single	Single	Single	Dual	Dual
Power at 11.5V/23V* (kw • Hp)	1.3 • 1.75	1.8 • 2.4	2.3 • 3.1	3.0 • 4.0	4.0 • 5.4	6.0 • 8.0
For DC system (V)	12	12	24	24	12	24
Weight (kg • lbs)	19,5 • 43	19,5 • 43	19,5 • 43	19,5 • 43	35 • 77	35 • 77
Rec. CCA (DIN** 11.5/23V)	170	225	150	190	250	375

Item Code 12V	EX35S	EX55S	EX75S	EX95S	EX110D	EX180D
Item Code 24V						



EX 25 C	EX 40 C	EX 55 C	EX 70 C
25 • 55	40 • 88	53 • 117	67 • 148
-	-	-	-
18' - 26' • 5 - 8	24' - 34' • 7,5 - 10,5	28' - 36' • 8,5 - 11	32' - 42' • 9,5 - 13
150 • 5.9"	150 • 5.9"	150 • 5.9"	150 • 5.9"
Single	Single	Single	Single
1.3 • 1.75	1.8 • 2.4	2.3 • 3.1	3.0 • 4.0
12	12	24	24
12 • 26,5	12 • 26,5	12 • 26,5	12 • 26,5
170	225	150	190
EX25C	EX40C	EX55C	EX70C





Product Specifications Sheet



SX Series thrusters	SX 80/185 T	SX 100/185 T
Thrust at 10.5V/21V* (kg • lbs)	80 • 176	100 • 220
Thrust at 12V/24V* (kg • lbs)	96 • 212	116 • 256
Typical boat size (ft • m)	35' - 48' • 10 - 15	35' - 55' • 12 - 17
Tunnel I.D. (mm • in)	185 • 7.3"	185 • 7.3"
Propulsion system	Twin	Twin
Power at 10.5V/21V* (kw • Hp)	4.4 • 6	6.3 • 8.4
For DC system (V)	12/24	12/24
Weight (kg • lbs)	52 • 115	57 • 125
Rec. CCA (DIN** 12/24V)	550/300	750/400
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

Product features

- For more information regarding each feature go to our website and read more, or contact your Side-Power representative.





Product Specifications Sheet



Battery and cable recommendations

SE, SEP, IP, SR, SRV, SRL, SX - series

- All cable lengths are the total of both - and + cables.
- Battery size is stated as minimum cold crank capacity, not Ah.
- Use slow fuse rated to hold stated Amp-Draw for min. 5 minutes.

Minimum and recommended cable dimensions can be identical due to safety margins and cable heat considerations for short cable lengths.

* Minimum or recommended cable cross section in mm²

Model	Voltage	Nominal current draw	Min. battery CCA	Rec. fuse		<7m total + & -		7-14m total + & -		15-21m total + & -		22-28m total + & -		28-35m total + & -		36-45m total + & -	
						Min.	Rec.	Min.	Rec.	Min.	Rec.	Min.	Rec.	Min.	Rec.	Min.	Rec.
SE30/125S	12 V	225 A	DIN: 200 SAE:380	ANL 150	mm2 AWG	35	50	50	70	70	95	95	120	120	2x70	2x70	2x95
						1	1/0	1/0	2/0	2/0	3/0	3/0	4/0	4/0	2x 2/0	2x2/0	2x 3/0
SE40/125S	12 V	315 A	DIN: 300 SAE: 570	ANL 250	mm2 AWG	35	50	70	95	95	120	120	2x95	2x95	2x120	2x120	260*
						1	1/0	2/0	3/0	3/0	4/0	4/0	2x 3/0	2x 3/0	2x 4/0	2x 4/0	
SE60/185S	12 V	370 A	DIN: 350 SAE:665	ANL 250	mm2 AWG	50	50	70	95	120	2x 70	2x70	2x95	2x 95	2x120	2x120	280*
						1	1/0	2/0	3/0	4/0	2x 2/0	2x2/0	2x 3/0	2x 3/0	2x 4/0	2x 4/0	
	24 V	170 A	DIN: 175 SAE: 332	ANL 150	mm2 AWG	25	35	25	35	25	35	35	50	50	60	60	70
						1	1	1	1	1	1	1	1/0	1/0	2/0	2/0	2/0
SE80/185T	12 V	530 A	DIN: 550 SAE:1045	ANL 400	mm2 AWG	70	70	120	2x 70	2x 70	2x 95	2x 95	2x120	2x 120	340*	NA	NA
						2/0	2/0	3/0	2x 2/0	2x 2/0	2x 2/0	2x 3/0	2x120	2x 4/0			
	24 V	260 A	DIN: 300 SAE: 570	ANL 250	mm2 AWG	35	35	35	50	70	70	70	95	95	120	120	2x 95
						1	1	1	1/0	2/0	2/0	2/0	3/0	3/0	4/0	4/0	2x 3/0
SE100/185T	12 V	740 A	DIN: 750 SAE: 1425	ANL 500	mm2 AWG	95	95	2x 70	2x 95	2x 95							
						3/0	3/0	2x 2/0	2x 3/0	2x 3/0	280*	250*	375*	NA	NA	NA	NA
	24 V	340 A	DIN: 400 SAE: 760	ANL 325	mm2 AWG	50	50	50	70	70	95	95	120	120	2x 95	2x95	2x 120
						1	1/0	1/0	2/0	2/0	3/0	3/0	4/0	4/0	2x 3/0	2x 3/0	2x 4/0
SE120/215T	24V	420 A	DIN: 450 SAE: 855	ANL 325	mm2 AWG	70	-	50	-	70	-	95	-	120	-	150	-
						1/0	-	0	-	2/0	-	3/0	-	4/0	-	2x2/0	-
SE130/250T	12V	800 A	DIN: 400 SAE: 760	ANL 500	mm2 AWG	95	-	2x70	-	2x95	-	250*	375*	-	-	-	-
						3/0	-	2x2/0	-	2x3/0	-			-			
	24V	340 A	DIN: 400 SAE: 760	ANL 325	mm2 AWG	35	-	50	-	70	-	95	-	120	-	2x95	-
						1	-	1/0	-	2/0	-	3/0	-	4/0	-	2x3/0	-
SE150/215T	24V	610 A	DIN: 500 SAE: 900	ANL 500	mm2 AWG	70	-	95	-	120	-	2x95	-	2x95	-	2x95	-
						2/0	-	3/0	-	4/0	-	2x3/0	-	2x3/0	-	2x4/0	-
SE 170/250	24V	550 A	DIN: 500 SAE: 950	ANL 400	mm2 AWG	70	-	95	-	120	-	2x70	-	2x95	-	2x120	-
						0	-	3/0	-	4/0	-	2x2/0	-	2x3/0	-	2x4/0	-
SE 210/250	24V	500 A	DIN: 700 SAE: 1330	ANL 400-500	mm2 AWG	70	-	95	-	120	-	2x70	-	2x95	-	2x120	-
						2/0	-	3/0	-	4/0	-	2x2/0	-	2x3/0	-	2x4/0	-
SP 240/300	24V	610-670A	DIN: 700 SAE: 1330	ANL 500	mm2 AWG	70	-	95	-	120	-	190 (350CCA)	2x95 (400CCA)	2x95 (400CCA)	2x120 (400CCA)	2x120 (400CCA)	
						2/0	-	3/0	-	4/0	-	2x3/0 (665CCA)	2x3/0 (760CCA)	2x3/0 (760CCA)	2x4/0 (760CCA)	2x4/0 (760CCA)	
SP 285/300	24*2 48V	400-430A (48V)	DIN: 400 SAE: 760	ANL 325	mm2 AWG	50	-	70	-	95	-	95	-	103	-	140	-
						1	-	2/0	-	3/0	-	3/0	-	0	-	2x00	-





Product Specifications Sheet



Battery and cable recommendations EB-series and EX-series

- All cable lengths are the total of both - and + cables.
- Battery size is stated as minimum cold crank capacity, not Ah.
- Use slow fuse rated to hold stated Amp-Draw for min. 5 minutes.

Minimum and recommended cable dimensions can be identical due to safety margins and cable heat considerations for short cable lengths.

* Minimum or recommended cable cross section in mm²

Model	Voltage	Nominal current draw	Min. battery CCA	Rec. Fuse		>5m total + & -		1-10m total + & -		10-20m total + & -	
						Min.	Rec.	Min.	Rec.	Min.	Rec.
EBS20	12 V	60 A	DIN: 200 SAE:380	150	mm2 AWG	50 1/0	-	-	-	-	-
EB40	12 V	115 A	DIN: 300 SAE:570	250	mm2 AWG	50 1/0	-	70 2/0	-	-	-
EB60	12 V	115 A	DIN: 350 SAE:665	400	mm2 AWG	-	-	95 3/0	-	120 4/0	-
	24 V	115 A	DIN: 175 SAE:380	325	mm2 AWG	-	-	95 3/0	-	95 3/0	-
EB75	12 V	115 A	DIN: 500 SAE: 950	400	mm2 AWG	-	-	95 3/0	-	120 4/0	-
	24V	150 A	DIN: 250 SAE:475	325	mm2 AWG	-	-	95 3/0	-	95 3/0	-
EB90	12 V	115 A	DIN: 500 SAE:950	400	mm2 AWG	-	-	95 3/0	-	120 4/0	-
	24V	150 A	DIN: 250 SAE:475	325	mm2 AWG	-	-	95 3/0	-	95 3/0	-

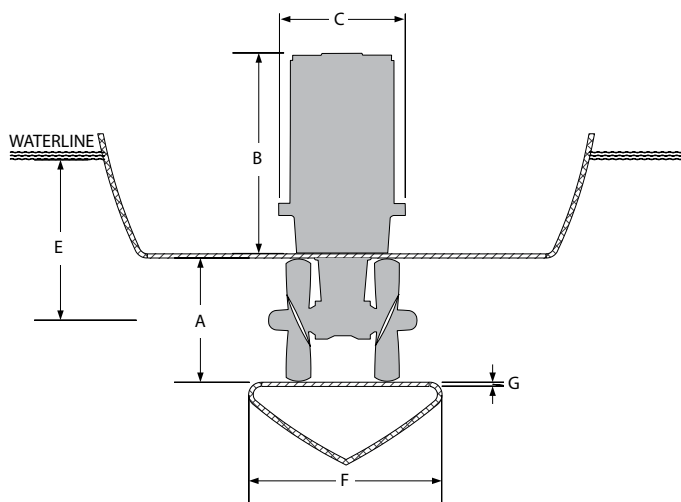
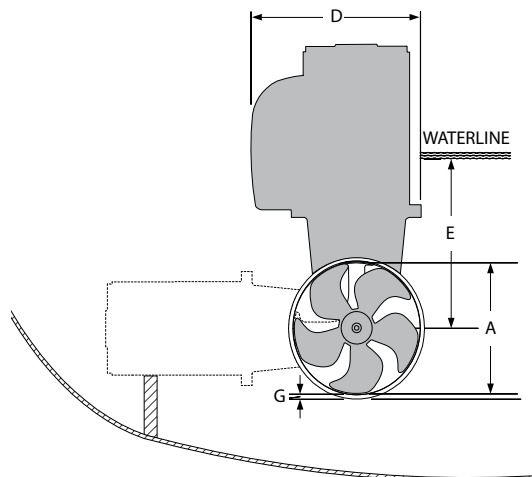
Model	Voltage	Nominal current draw	Min. battery CCA	Rec. Fuse		>8m total + & -		8-16m total + & -	
						Min.	Rec.	Min.	Rec.
EX35S	12 V	140 A	DIN: n/a SAE:550	100	mm2 AWG	35	-	70 2/0	-
EX25C									
EX55S	12 V	187 A	DIN: n/a SAE:550	125	mm2 AWG	50 1/0	-	70 2/0	-
EX40C									
EX75S	24 V	120 A	DIN: n/a SAE:550	80	mm2 AWG	25	-	50 1/0	-
EX55C									
EX95S	24V	175 A	DIN: n/a SAE:550	100	mm2 AWG	50 1/0	-	70 2/0	-
EX70C									
EX110D	12 V	2x187 A	DIN: n/a SAE:550	2x125	mm2 AWG	50 1/0	-	70 2/0	-
EX180D	24V	2x175 A	DIN: n/a SAE:551	2x125	mm3 AWG	50 1/0	-	70 2/0	-



Product Specifications Sheet

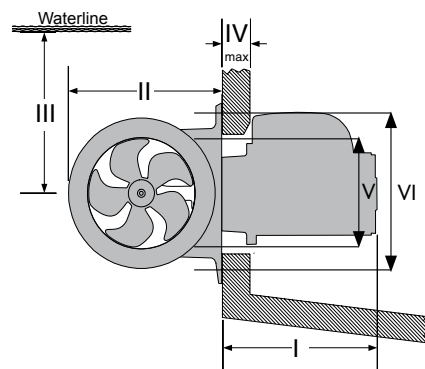


Measurements SE Series



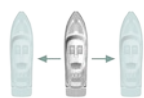
Thruster (mm • in)	A	B	C	D	E _{min}	F	F _{recommended}	G _{min}	G _{max}
SE30/125S	125 • 4.92	245 • 9.65	190 • 7.5	180 • 7.1	125 • 4.9	92 • 3.6	184 • 7.25	4 • 0.16	5 • 0.20
SE40/125S	125 • 4.92	245 • 9.65	190 • 7.5	180 • 7.1	125 • 4.9	92 • 3.6	184 • 7.25	4 • 0.16	5 • 0.20
SE60/185S	185 • 7.3	268 • 10.5	208 • 8.2	197 • 7.8	150 • 5.9	117 • 4.6	234 • 9.2	4 • 0.16	6 • 0.24
SE80/185S	185 • 7.3	361 • 14.2	208 • 8.2	200 • 7.9	200 • 7.9	170 • 6.7	340 • 13.4	6 • 0.24	8 • 0.31
SE100/185T	185 • 7.3	396 • 15.6	245 • 9.6	245 • 9.6	200 • 7.9	170 • 6.7	340 • 13.4	6 • 0.24	8 • 0.31
SE120/215T	215 • 8.46	389 • 15.3	245 • 9.6	250 • 9.8	215 • 8.5	280 • 11.0	560 • 22.0	6 • 0.24	8 • 0.31
SE130/250T	250 • 9.84	398 • 15.7	254 • 10.0	256 • 10.1	230 • 9.0	280 • 11.0	560 • 22.0	7 • 0.28	10 • 0.39
SE150/215T	215 • 8.46	398 • 15.7	254 • 10.0	260 • 10.2	230 • 9.0	280 • 11.0	560 • 22.0	7 • 0.28	10 • 0.39
SE170/250TC	250 • 9.84	421 • 16.6	230 • 9.1	256 • 10.1	250 • 9.8	300 • 11.8	600 • 23.6	7 • 0.28	10 • 0.39
SE210/250TC	250 • 9.84	478 • 18.8	260 • 10.2	281 • 7.5	250 • 9.8	300 • 11.8	600 • 23.6	7 • 0.28	13 • 0.51
SP240TCi	300 • 11.81	503 • 19.8	266 • 10.5	296 • 11.7	300 • 11.8	300 • 11.8	600 • 23.6	10 • 0.39	13 • 0.51
SP285TCi	300 • 11.81	455 • 17.9	270 • 10.6	310 • 12.2	300 • 11.8	300 • 11.8	600 • 23.6	10 • 0.39	13 • 0.51

Stern thruster (mm • in)	I	II	III _{min}	IV _{max}	V	VI	Tunnel Length
SE30/125S	207 • 8.15	190 • 7.48	135 • 5.31	14 • 0.55	160 • 6.3	217 • 8.5	197 • 7.76
SE40/125S	207 • 8.15	190 • 7.48	135 • 5.31	14 • 0.55	160 • 6.3	217 • 8.5	197 • 7.76
SE60/185S	228 • 8.97	256 • 10.1	150 • 5.91	35 • 1.38	200 • 7.8	300 • 11.8	337 • 13.27
SE80/185S	321 • 13.7	256 • 10.1	200 • 7.87	54 • 2.13	200 • 7.8	300 • 11.8	337 • 13.27
SE100/185T	356 • 14.0	256 • 10.1	200 • 7.87	54 • 2.13	200 • 7.8	300 • 11.8	337 • 13.27
SE120/215T	349 • 4.92	300 • 11.8	215 • 8.46	54 • 2.13	200 • 7.8	300 • 11.8	330 • 13.0
SE130/250T	359 • 14.13	340 • 13.4	250 • 9.84	60 • 2.36	200 • 7.8	350 • 11.8	350 • 13.87
SE150/215T	359 • 14.13	300 • 11.8	215 • 8.46	54 • 2.13	200 • 7.8	350 • 13.8	330 • 13.0
SE170/250TC	382 • 15.04	340 • 13.4	250 • 9.84	60 • 2.36	200 • 7.8	350 • 13.8	350 • 13.87
SE210/250TC	420 • 46.54	360 • 14.2	300 • 11.81	50 • 1.97	200 • 7.8	350 • 13.8	350 • 13.87
SP240TCi	454 • 17.9	420 • 16.5	300 • 11.81	60 • 2.36	258 • 10.2	396 • 15.6	456 • 17.95
SP285TCi	406 • 15.98	420 • 16.5	300 • 11.81	60 • 2.36	258 • 10.2	396 • 15.6	456 • 17.95

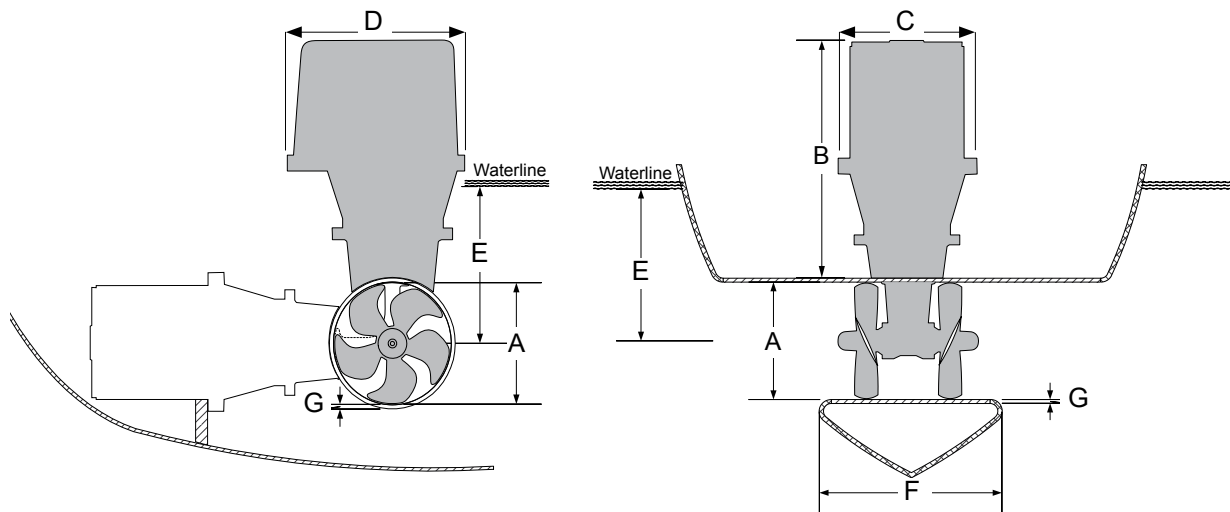




Product Specifications Sheet

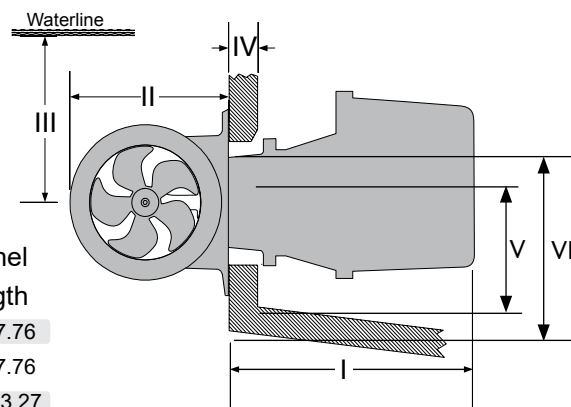


Measurements SE IP Series



Thruster (mm • in)	A	B	C	D	E _{min}	F	F _{recommended}	G _{min}	G _{max}
SE30/125S IP	125 • 4.92	245 • 9.6	226 • 8.9	230 • 9.1	125 • 4.92	92 • 3.6	184 • 7.25	4 • 0.16	5 • 0.20
SE40/125S IP	125 • 4.92	245 • 9.6	226 • 8.9	230 • 9.1	125 • 4.92	92 • 3.6	184 • 7.25	4 • 0.16	5 • 0.20
SE60/185S IP	185 • 7.3	270 • 10.6	230 • 9.1	272 • 10.7	150 • 5.91	117 • 4.6	234 • 9.2	4 • 0.16	6 • 0.24
SE80/185S IP	185 • 7.3	376 • 14.8	262 • 10.3	327 • 12.9	200 • 7.87	170 • 6.7	340 • 13.4	6 • 0.24	8 • 0.31
SE100/185T IP	185 • 7.3	451 • 17.8	308 • 12.1	382 • 15.0	200 • 7.87	170 • 6.7	340 • 13.4	6 • 0.24	8 • 0.31
SE120/215T IP	215 • 8.46	451 • 17.8	308 • 12.1	382 • 15.0	215 • 8.46	280 • 11	560 • 22.0	6 • 0.24	8 • 0.31
SE130/250T IP	250 • 9.84	451 • 17.8	308 • 12.1	382 • 15.0	230 • 9.00	280 • 11	560 • 22.0	7 • 0.28	10 • 0.39
SE170/250TC IP	250 • 9.84	451 • 17.8	308 • 12.1	382 • 15.0	250 • 9.84	300 • 11.8	600 • 23.6	7 • 0.28	10 • 0.39

Stern thruster (mm • in)	I	II	III _{min}	IV _{max}	V	VI	Tunnel Length
SE30/125S IP	226 • 8.89	190 • 7.48	135 • 5.1	14 • 0.55	160 • 6.3	217 • 8.5	197 • 7.76
SE40/125S IP	226 • 8.89	190 • 7.48	135 • 5.31	14 • 0.55	160 • 6.3	217 • 8.5	197 • 7.76
SE60/185S IP	235 • 10.43	256 • 10.1	150 • 5.91	35 • 1.38	200 • 7.8	300 • 11.8	337 • 13.27
SE80/185S IP	399 • 15.70	256 • 10.1	200 • 7.87	54 • 2.13	200 • 7.8	300 • 11.8	337 • 13.27
SE100/185T IP	414 • 16.29	256 • 10.1	200 • 7.87	44 • 1.73	200 • 7.8	300 • 11.8	337 • 13.27
SE120/215T IP	417 • 16.40	300 • 11.8	215 • 8.46	44 • 1.73	200 • 7.8	300 • 11.8	330 • 13.00
SE130/250T IP	417 • 16.40	340 • 13.4	250 • 9.84	60 • 2.36	200 • 7.8	350 • 13.8	350 • 13.87
SE170/250TC IP	417 • 16.40	340 • 13.4	250 • 9.84	60 • 2.36	200 • 7.8	350 • 13.8	350 • 13.87





Product Specifications Sheet

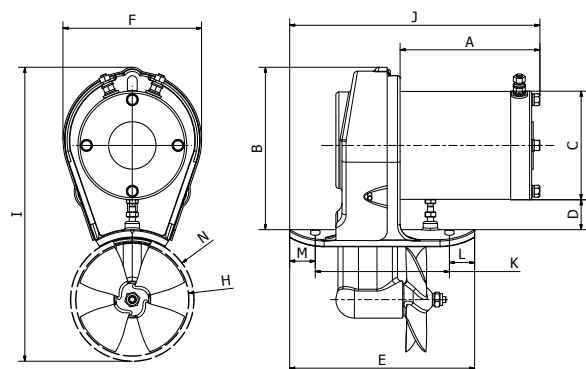


Measurements EB Series

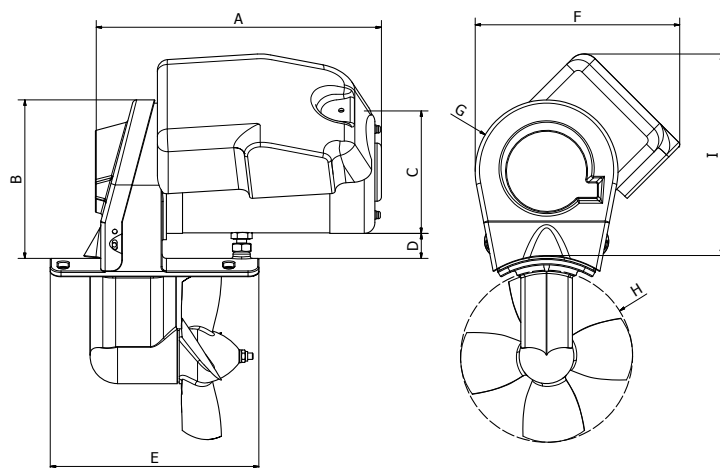
Model	EBS20	EB40	EB60	EB75	EB90
A	197 • 7.8	270 • 10.63	310 • 12.25	310 • 12.25	310 • 12.25
B	158 • 6.25	150 • 6.0	150 • 6.0	150 • 6.0	150 • 6.0
C	106 • 4.2	120 • 4.75	130 • 5.15	130 • 5.15	130 • 5.15
D	29 +/- 5 • 1.15 +/- 0.2	15 +/- 8 • 0.6 +/- 0.32	15 +/- 8 • 0.6 +/- 0.32	50 +/- 8	50 +/- 8
E	180 • 7.1	192 • 7.6	192 • 7.6	200 • 7.9	200 • 7.9
F	135 • 5.32	198 • 7.8	210 • 8.3	210 • 8.3	210 • 8.3
G	136 • 5.36	65,5 • 2.6	65,5 • 2.6	75 • 3.0	75 • 3.0
H	110 • 4.34	160 • 6.3	160 • 6.3	185 • 7.3	185 • 7.3
I	286 • 11.3	230 • 9.1			
J	248 • 9.8				
K	130,5 • 5.12				
L	24,5 • 0.95				
M	25 • 0.99				
N	120 • 4.73				

Measurements in mm • in

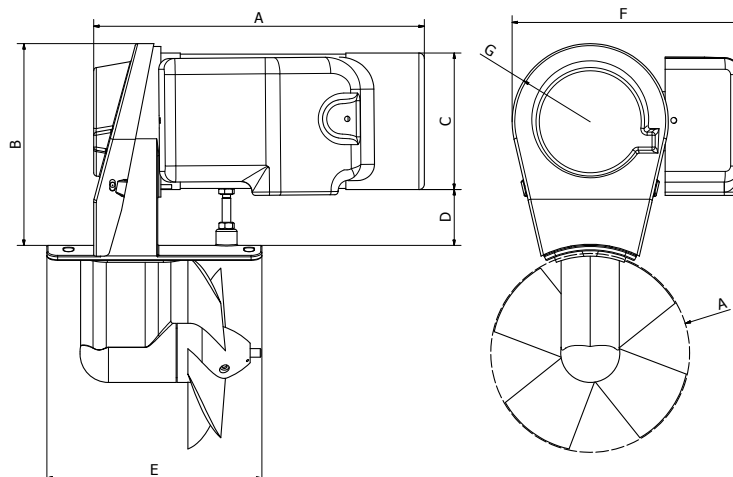
EBS 20



EB 40

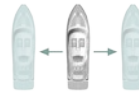


EB 60/ 75/90



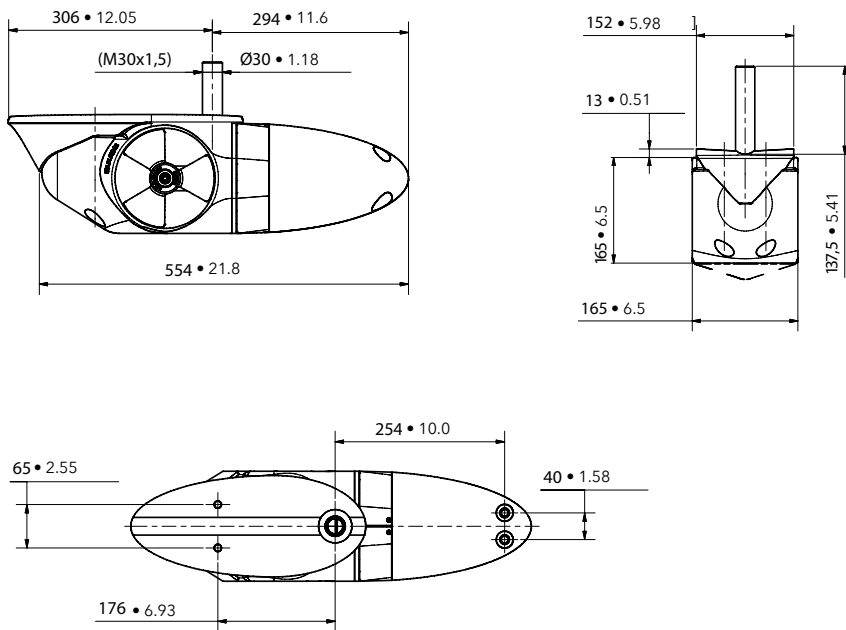


Product Specifications Sheet

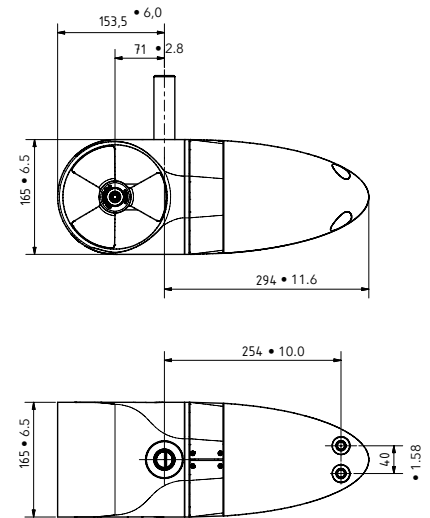


Measurements EX Series

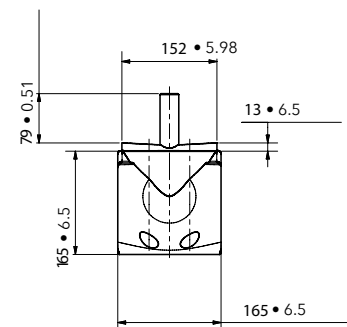
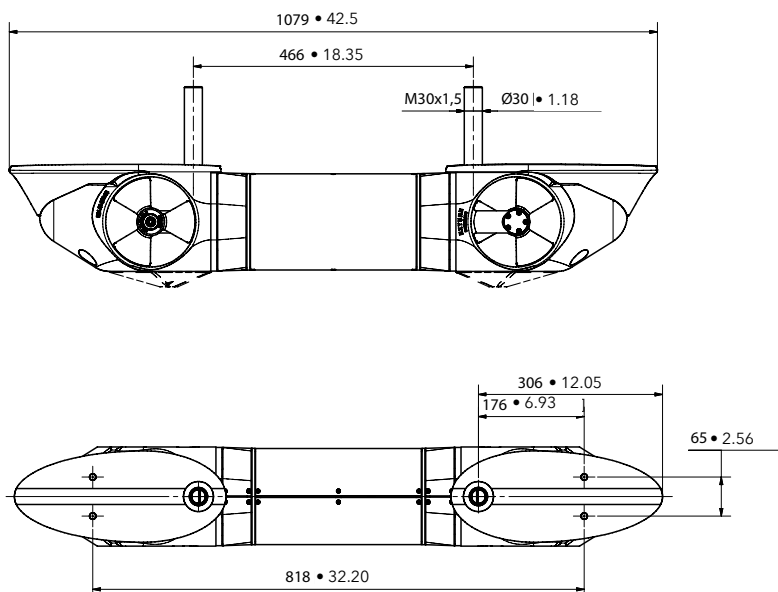
EX Single



EX Compact



EX Dual

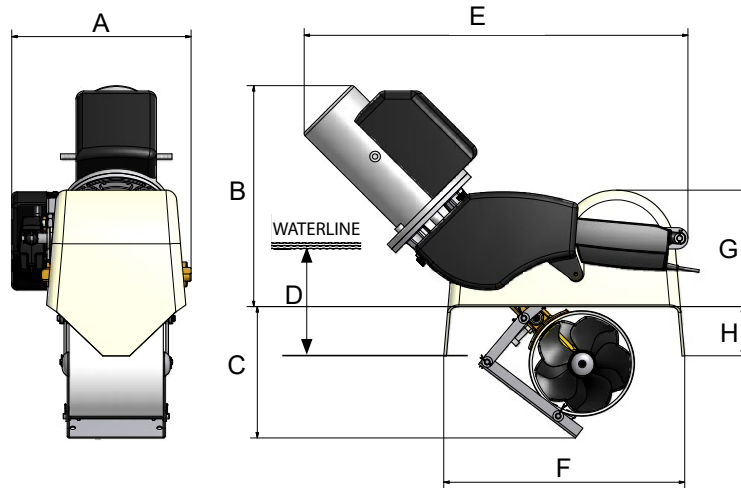




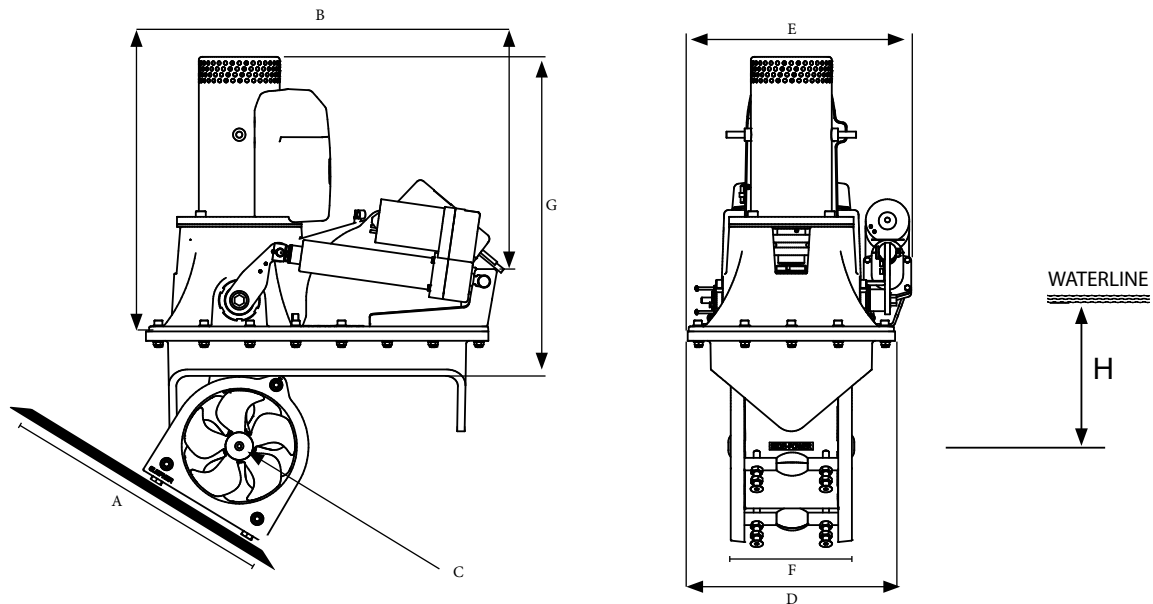
Product Specifications Sheet



Measurements SR Series



Thruster (mm • in)	A	B	C	D _{min}	E	F	G	H
SR80/185T	335 • 13.2	413 • 16.3	245 • 9.6	185 • 7.3	716 • 28.2	450 • 17.7	218 • 8.6	92 • 3.6
SR100/185T	335 • 13.2	460 • 18.1	245 • 9.6	185 • 7.3	745 • 29.3	450 • 17.7	218 • 8.6	92 • 3.6



Thruster (mm • in)	A	B	C	D	E	F	G	G _(w. Hyd. motor)	H _{min}
SRV80/185T	450 • 17.7	564 • 22.2	Ø185 • 7.3	335 • 13.2	359 • 14.1	234 • 9.2	500 • 19.7	353 • 13.9	185 • 7.3
SRV100/185T	450 • 17.7	564 • 22.2	Ø185 • 7.3	335 • 13.2	359 • 14.1	234 • 9.2	535 • 21.1	353 • 13.9	185 • 7.3
SRV130/250T	600 • 23.6	688 • 27.1	Ø250 • 9.8	395 • 15.6	480 • 18.9	370 • 14.7	594 • 23.4	482 • 19.0	250 • 9.8
SRV170/250TC	600 • 23.6	688 • 27.1	Ø250 • 9.8	395 • 15.6	480 • 18.9	370 • 14.7	609 • 24.0	482 • 19.0	250 • 9.8
SRV210/250TC	600 • 23.6	688 • 27.1	Ø250 • 9.8	395 • 15.6	480 • 18.9	370 • 14.7	694 • 27.3	482 • 19.0	250 • 9.8
SRV285/300TC	600 • 23.6	843 • 33.2	Ø300 • 11.8	580 • 15.6	580 • 22.8	413 • 16.3	732 • 28.8	- - -	300 • 11.8

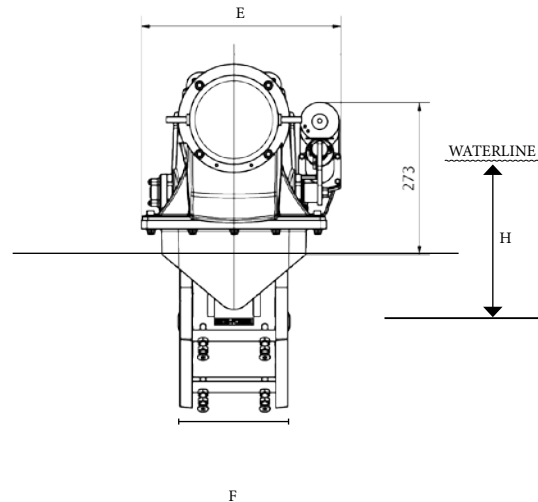
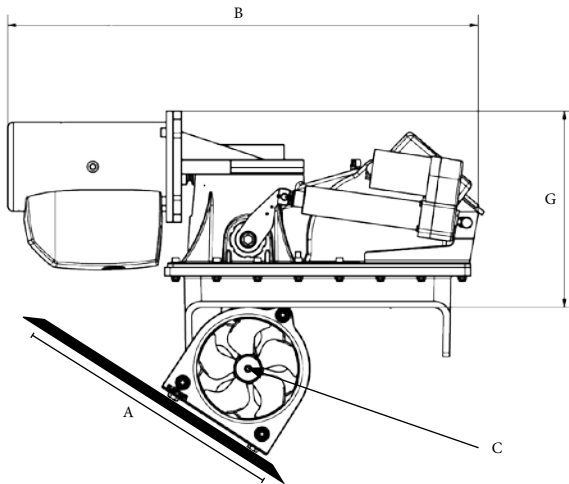




Product Specifications Sheet

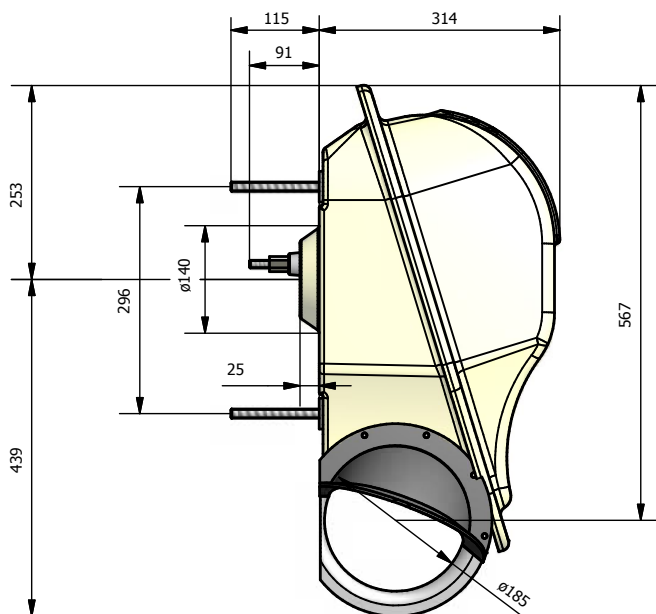


Measurements SR Series

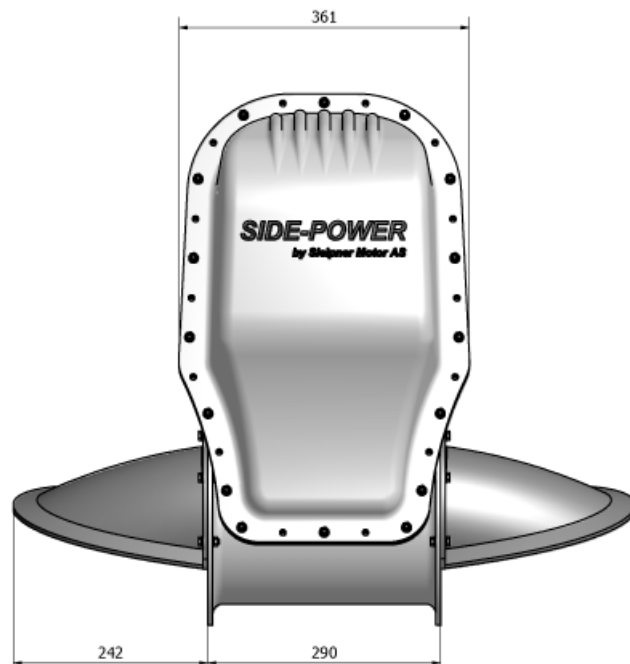


Thruster (mm • in)	A	B	C	D	E	F	G	H _{min}
SRL80/185T	500 • 17.7	845 • 33.3	Ø185 • 7.3	335 • 13.2	359 • 14.1	234 • 9.2	352 • 13.6	185 • 7.3
SRL100/185T	500 • 17.7	845 • 33.3	Ø185 • 7.3	335 • 13.2	359 • 14.1	234 • 9.2	352 • 13.6	185 • 7.3

Measurements SX Series



Max. stern thickness: 100mm (80mm recommended)





Product Specifications Sheet



Maintenance

- DC motor: See User and Installation manuals for each model for more information.

Material specifications

- DC Motor: There are no hazardous materials in this product, ref material declaration.

Health and Safety

- Gearleg and DC motor: The Gearleg is shipped with gear oil - precautionary measures must be taken . The gearleg and DC Motor is very powerful and precautionary measures must be taken considering rotating propeller and electrical installation. Gear oil is flameable and and gasses from a fire is generally toxic.
- See Installation and User manual for more information.

This document may contain typographical errors and changes, to which Sleipner Motor assumes no responsibility.



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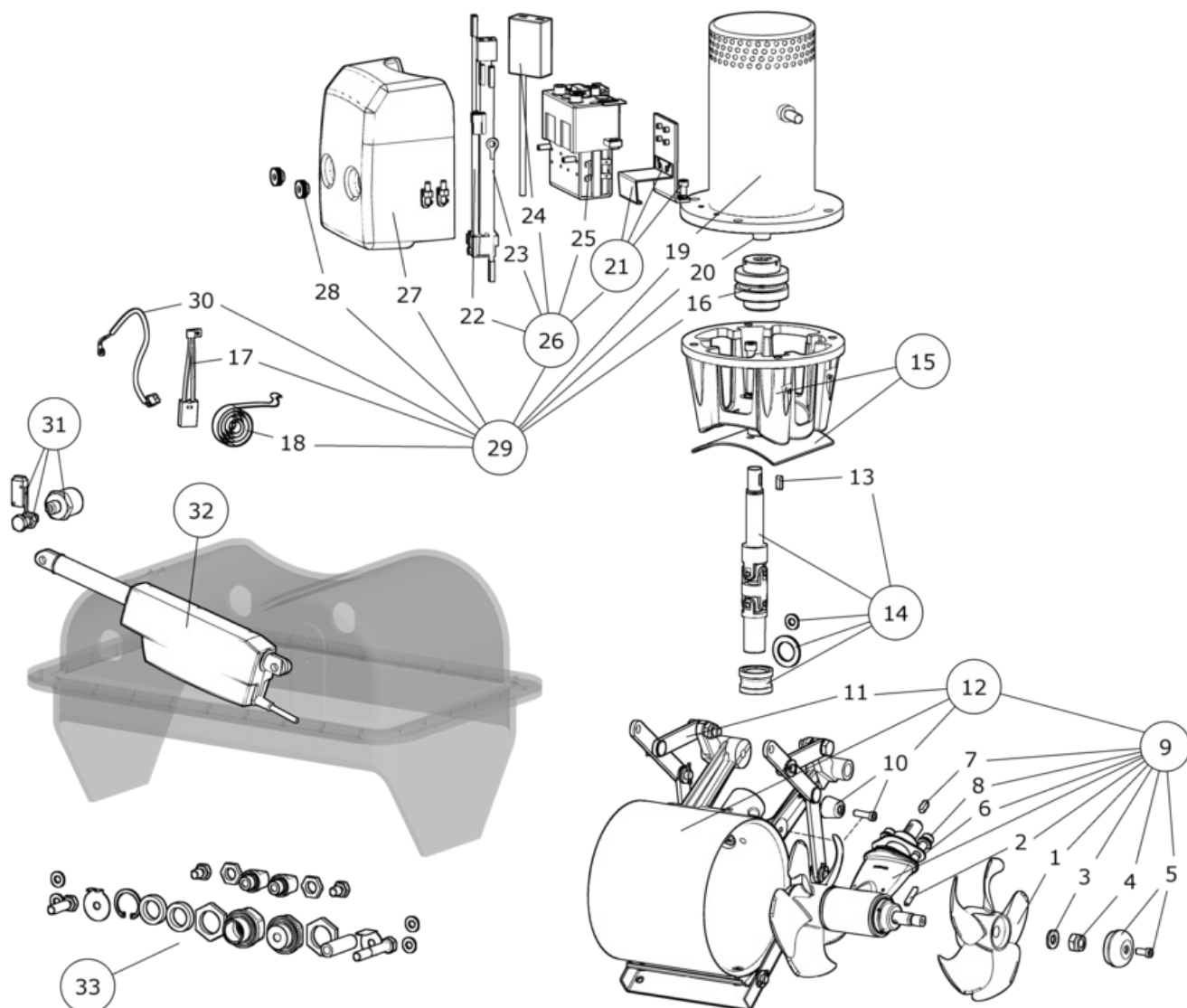
SR80/185T-24V

SR80 Retractable bow/stern thruster 24V



SLEIPNER

Spare parts (valid from 2017-06-30)



#	Name	Item Code	Description
1	Propeller	7 1261	Thruster propeller Twin Ø185 / 5 bl
2	Propeller drivepin	6 1241	Drive pin for propeller 5mm
3	Propeller washer	7 1181	Propeller washer SE60/80/100
4	Locknut	4 1260	Lock nut
5	Anode	7 1190 A	Anode kit, aluminium for SE60/80/100
6	Gasket	7 1314	Gasket for gearleg installation in tunnel,SE80/100
7	Driveshaft key	6 1440	Key for flexible coupling 7HP/SP75/95
8	Gearleg bolt	7 1080	Bolt M8 x 55 Unbraco
9	Complete gearleg	8 0601	Complete gearleg SE80/100
10	Anode retract mechanism	6 1180	Anode kit, zinc for 4HP up to 1999
11	Support stay kit	6 2200	Support stay set Retract
12	Complete SR retract mechanism	6 2199	Retract Ø185 Tunnel Complete Set
13	Key for shaft	10 1440	Key for drive shaft SP95/125++
14	Complete shaft kit	SM-125229	Complete joint w/key and seal SR80/100
15	Motor bracket complete	125230	Motor bracket SR80/100
16	Complete flexible coupling	7 1462	Flexible coupling Ø16/Ø20mm
17	Brushes for motor (kit)**		**
18	Brush springs for motor (kit)**		**
19	Electric motor	6 1024 K	Elektromotor SE80 24V
20	Key for eletric motor shaft	10 1440	Key for drive shaft SP95/125++
21	Solenoid bracket kit	6 0136	Solenoid bracket kit SR80
22	Internal wiring loom	6 1227	Internal wiring harness
23	Internal wiring loom	6 1223	Internal wiring harness
24	Electronic control unit	6 1242	Control box Retract
25	Solenoid	41371243	Solenoid replacement
26	Complete solenoid kit	6 0132 24	Solenoid, complete replacement with IPC & bracket
27	Solenoid Cover	6 2025	Solenoid cover for SE80T
28	Nut for solenoid cover	6 8810	Nut for solenoid cover
29	Complete electric motor assembly	6 0104 24	Electric motor for thruster SR80/24V,complete
30	Temp switch*		*
31	Sensor kit	6 2104	End stop sensor kit 24V
32	Actuator kit	6 2301	Actuator retract, complete 24V
33	Complete sealing SR kit	125224	Bushing kit SR80/100

The installer alone has responsibility for the installation of the spare parts. Side-Power only warranty the spare parts supplied only.

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