



HARROLD MARINE WHOLESAL



CATALOGUE

VOLUME 3



HARROLD MARINE WHOLESALE

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Harrold Marine Wholesale has been servicing the needs of Australia's marine industry since 1994. The Harrold family have played a part in the marine industry for three generations. Originally trading as AE Harrold, commencing wholesale distribution of marine products in 1960, from a warehouse in the Brisbane CBD.

The team at Harrold Marine Wholesale offer you a wealth of experience combined with a premium level of service. Stocking only premium brands means you are purchasing industry renown products which have stood the test of time and ensures you will get peak performance from your vessel.

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bomar hatches

low profile

Low Profile Extruded Hatches

Bomar low profile hatches are the standard for the majority of quality boat builders throughout the world. The reason? These stylish, high-performance hatches combine sleek design with unsurpassed functionality. Constructed for rugged durability, they feature a heavy-duty aluminum frame and a high-impact acrylic lens. Design features include the option of a shade screen and/or privacy shade on some models.



Features

- Anodised heavy-duty aluminum frames.
- Heavy-duty acrylic lens.
- No sharp corners to snag lines or sails.
- Spare parts available.
- CE approval available. Please specify when ordering.
- Heavy-duty hinges.
- Quick acting, adjustable tie-down dogs.
- Molded trim ring, sewn screen available on select sizes.
- Locked vent position.
- SS riser arm rod.

Options:

- Inside/Outside opening.
- Powder coating.
- White acrylic lens.



P Series Round Hatch Sizes

Part Number		Height Deck to Lid	Hatch Opening	Cutout	OD Deck Flange	OD Lid 'P' Style	Trim Ring Off White	Extruded Screen
Anodised	White	mm	mm	mm	mm	mm		
BN1139-10PX	BN1139-10PX-W	24	487	516	557	581	BNT1139	BNS1139-EX
BN1170-10PX	BN1170-10PX-W	24	392	421	462	486	BNT1170	BNS1170-EX

Square/Rectangle Part Number		Height Deck to Lid	Hatch Opening		Cut Out		O.D. Deck Flange		O.D. Lid Style P		Trim Ring (Off White)	Extruded Screen
Anodised	White	Z mm	X mm	Y mm	X1 mm	Y1 mm	X2 mm	Y2 mm	X5 mm	Y5 mm		
BN1000-10P	BN1000-10P-W	24	244	244	273	273	314	314	341	341	BNT2000	BNS2000-EX
BN1011-10P	BN1011-10P-W	24	337	203	365	232	406	273	433	300	BNT2029	BNS2029-EX
BN1029-10PX	BN1029-10PX-W	24	441	311	470	340	511	381	538	408	BNT2039	BNS2039-EX
BN1039-10PX	BN1039-10PX-W	24	484	484	513	513	554	554	581	581	BNT2040	BNS2040-EX
BN1040-10PX	BN1040-10PX-W	24	491	362	519	391	560	432	587	459	BNT2049	BNS2049-EX
BN1049-10PX	BN1049-10PX-W	24	610	610	638	638	679	679	706	706	BNT2049	BNS2049-EX
BN1060-10PX	BN1060-10PX-W	24	300	300	359	359	400	400	427	427		
BN1070-10PX	BN1070-10PX-W	24	392	392	421	421	462	462	489	489	BNT2070	BNS2070-EX

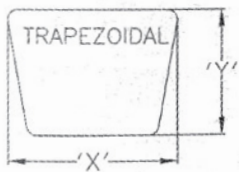
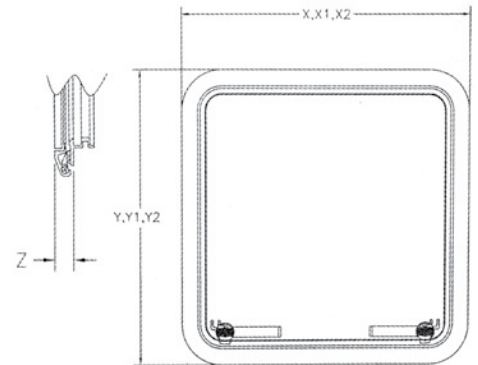
bomar hatches

low profile

P Series Low Profile Continued

P Series Sizes

- OD Radius is 2 7/8" (73 mm) on all square and rectangular hatches.
- Cut Out Radius is 1 11/16" (43 mm) on all square and rectangular hatches.
- CE approval available. Please specify when ordering.



Trapezoid Part Number		Height Deck To Lid Z	Hatch Opening X Y		Cut Out X1 Y1		O.D. Deck Flange X2 Y2		O.D. Lid Style P X4 Y4		Trim Ring (Off White)	Extruded Screen
Anodised	White	mm	mm	mm	mm	mm	mm	mm	mm	mm		
BN1090-10PX	BN1090-10PX-W	24	530	394	559	422	600	464	622	489	BNT1090	BNS1090-EX
BN1094-10PX	BN1094-10PX-W	24	616	460	645	489	686	530	713	557	BNT1094	BNS1094-EX
BN1017-10PX	BN1017-10PX-W	24	537	560	565	589	606	630	624	659		



bomar hatches

high profile



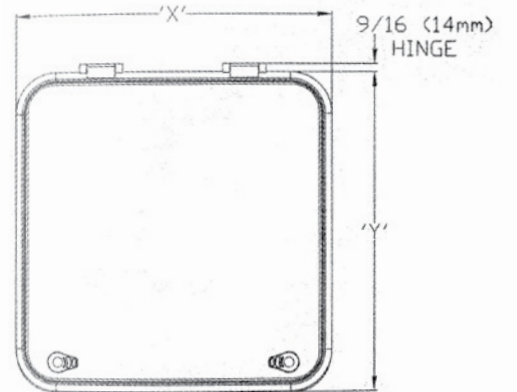
High Profile Extruded Hatches

Features

- Anodised heavy-duty aluminum frames.
- Heavy-duty acrylic lens.
- Extra high sealing lip on base.
- No sharp corners to snag lines or sails.
- Spare parts available
- Heavy-duty hinges.
- Quick acting, adjustable tie down dogs.
- Locked vent position.
- Height above deck approx. 1-3/4".
- Molded trim ring, sewn screen available on select sizes.
- SS riser arm rod.

Options

- Inside/Outside opening.
- Power coating.
- White acrylic lens.



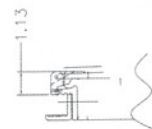
2000 series trim and screen.

2000 Series

Square/Rectangle Part Number		Height Deck To Lid	Hatch Opening		Hole Cut Out		O.D. of Deck Flange		O.D. of Lid		Weight Lbs.	Trim Ring (Off White)	Extruded Screen
Anodised	Black	Z mm	X mm	Y mm	X1 mm	Y1 mm	X2 mm	Y2 mm	X5 mm	Y5 mm			
BN2000-10A	BN2000-10A-Z	44	244	244	273	273	314	314	318	318	7	BNT2000	BNS2000-EX
BN2029-10A	BN2029-10A-Z	44	441	311	338	468	381	511	389	519	13	BNT2029	BNS2029-EX
BN2039-10A	BN2039-10A-Z	44	486	486	514	514	556	556	559	559	13	BNT2039	BNS2039-EX
BN2040-10A	BN2040-10A-Z	44	491	362	519	391	560	432	564	435	15	BNT2040	BNS2040-EX
BN2049-10AX	BN2049-10AX-Z	44	610	610	637	637	679	679	687	687	22	BNT2049	BNS2049-EX
BN2070-10A	BN2070-10A-Z	44	391	391	419	419	460	460	464	464	14	BNT2070	BNS2070-EX

bomar hatches

gray 900 series



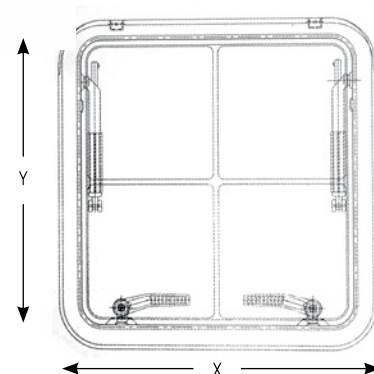
Gray 900 Series

Molded Hatch Features

- Quick action dogs.
 - Collect arm.
 - Available in black or white.
 - Smoke acrylic lens.
 - Vent position.
 - CE approval available.
- Please specify when ordering.

Options

- Inside/Outside opening.
- Trim ring.
- Screen.
- White acrylic lens.



Part Number		Hatch Opening		Hole Cut Out		O.D. of Deck Flange		O.D. of Lid		Weight	Cutout Radius	Trim		Screen	
Black	White	X	Y	X1	Y1	X2	Y2	X5	Y5	Lbs.	mm	Black	White	Black	White
BG910-1100-IO	BG910-2100-IO	225	225	241	241	292	292	300	306	3.5	32	BGT910-1	BGT910-2	BGS910-18	BGS910-28
BG927-1100-IO	BG927-2100-IO	445	318	454	327	505	378	518	384	6.5	43	BGT927-1	BGT927-2	BGS927-18	BGS927-28
BG966-1100-IO	BG966-2100-IO	414	414	428	428	480	480	486	492	7.5	43	BGT966-1	BGT966-2	BGS966-18	BGS966-28
BG995-1100-IO	BG995-2100-IO	489	489	501	501	556	556	560	567	9.75	43	BGT995-1	BGT995-2	BGS995-18	BGS995-28

Note: When ordering, specify black or white. Black is standard.



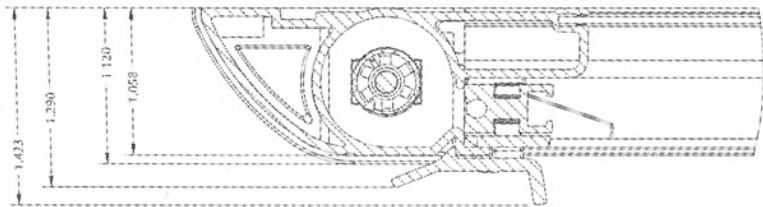
bomar **shade screen**

seabreeze series

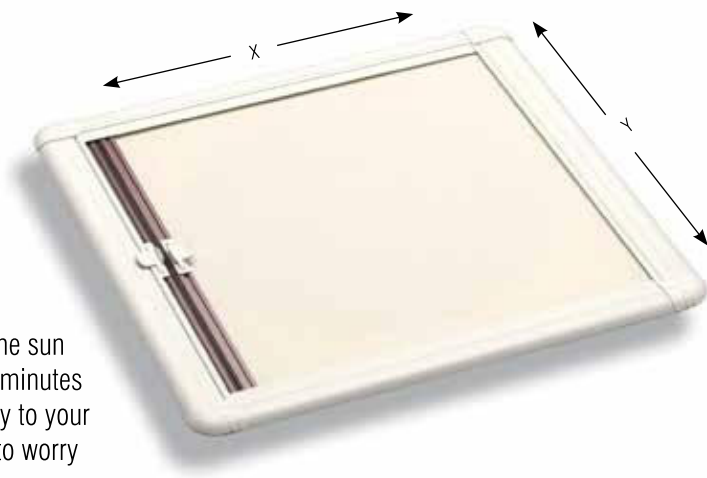
Seabreeze Series

Part Number	X mm	Y mm
BGSB2000	412	380
BGSB2029	577	478
BGSB2039	652	620
BGSB2070	560	529

Round Part Number		
BGSB2139	683	651
BGSB2170	609	577



Surface Mount System



Shade Screen

Introducing the SeaBreeze Shade / Screen. The solution that keeps the sun and insects out without ruining your elegant silhouette. It only takes minutes and a screwdriver to install the SeaBreeze, because it mounts directly to your Bomar hatch with only four screws and no additional finishing work to worry about.

Our unique built-in track system has been designed to keep the shade and screen from rolling unevenly. It always looks trim, performs with flawless precision, and can block both sun and bugs, or let in the breeze while blocking bugs. Or you can set it to do a combination of both. And of course, you can count on the quality materials and craftsmanship Bomar is known for.



bomar portlight

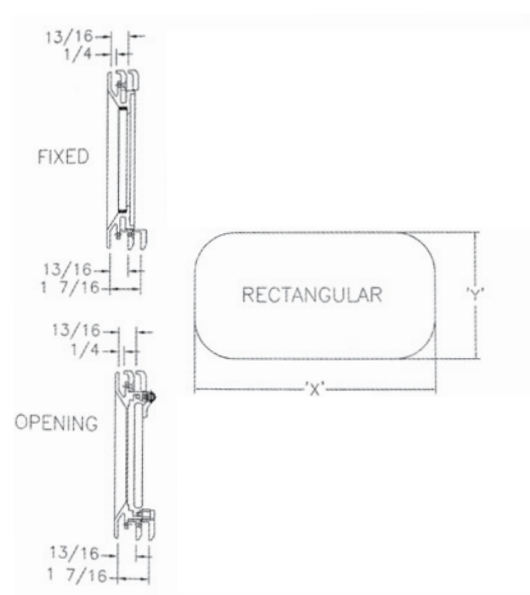
2000 series



2000 Series

Rectangular Portlight

Part Number		Style	Clear View		Cutout		OD Port		OD Trim	
Anodised	Black		X	Y	X	Y	X	Y	X	Y
BNC2410-SA	BNC2410-ZSA	Opening	243mm	94mm	305mm	156mm	325mm	176mm	329mm	179mm
BNC2414-SA	BNC2414-ZSA	Opening	343mm	94mm	405mm	156mm	425mm	176mm	429mm	179mm
BNC2512X-SA		Fixed	287mm	111mm	349mm	173mm	370mm	194mm	373mm	197mm
BNC2515-SA	BNC2515-ZSA	Opening	367mm	110mm	429mm	171mm	449mm	192mm	452mm	195mm
BNC2523-SA		Opening	565mm	110mm	627mm	171mm	648mm	192mm	651mm	195mm



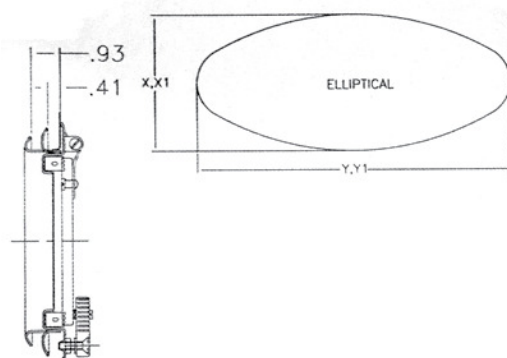
Extruded Portlight

Features

- Anodised heavy-duty aluminum frames.
- Smoke lens standard.
- CE approval available.
- Complete with trim ring and screen.
- Adjustable quick dogs.
- Deep drain angle.
- No visible exterior screws.
- Minimum hull thickness is 1/4".
- Maximum is 1-7/16.

bomar portlights

classic ss series



Stainless Steel Portlights

Features

- Polished stainless steel opening portlights.
- Friction hinge.
- Complete with outside finishing ring and screen.
- Smoked acrylic lens with polished edges.
- Internal mounting holes.
- Adjustable quick dog.
- CE approved.



Portlight No.	O.D. of Finishing Ring		Cutout		Suit Hull Thickness
	X	Y	X1	Y1	
Part Number	mm	mm	mm	mm	
BS616MBSS-2	190	448	159	413	10-20mm
BS616MBSS-3	176	430	159	413	20-35mm



bomar portlights

gray series



Gray Series

Part Number		O.D. of Finishing Ring		Cutout		Spigot Length	Weight Lbs.
Elliptical		X	Y	X1	Y1		
Part No.		mm	mm	mm	mm	mm	
BG515-28SS		149	419	92	362	29	2
BG626-28SS		208	467	152	406	32	3
Rectangle							
Black	White						
BG410-A-17	BG410-A-27	167	318	117	265	49	2.5
BG414-A-17	BG414-A-27	165	419	114	368	48	3
BG512-AD17	BG512-AD27	198	373	140	318	60	3.5
BG715-AD17	BG715-AD27	244	451	192	394	48	4.5
BG818-AD17	BG818-AD27	271	524	216	468	48	5.5

NOTE: AD=angled drain. Straight Drain versions are available to order.

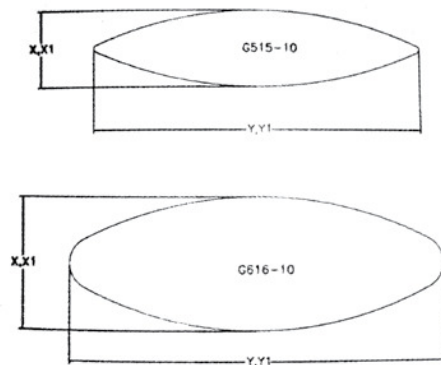
Molded Portlight

Features

- No visible exterior screws.
- Large viewing area.
- Adjustable quick dog.
- Complete with trim ring & screen.
- Minimum hull thickness is 1/4". Maximum is 1-7/8".
- Please specify hull thickness when ordering.
- CE approved.



Part Number	O.D. of Finishing Ring		Cutout	
Molded Fixed With Stainless Steel Exterior	X	Y	X1	Y1
Cutout	mm	mm	mm	mm
BG515-1028	124	397	89	356
BG616-1028	197	457	146	400



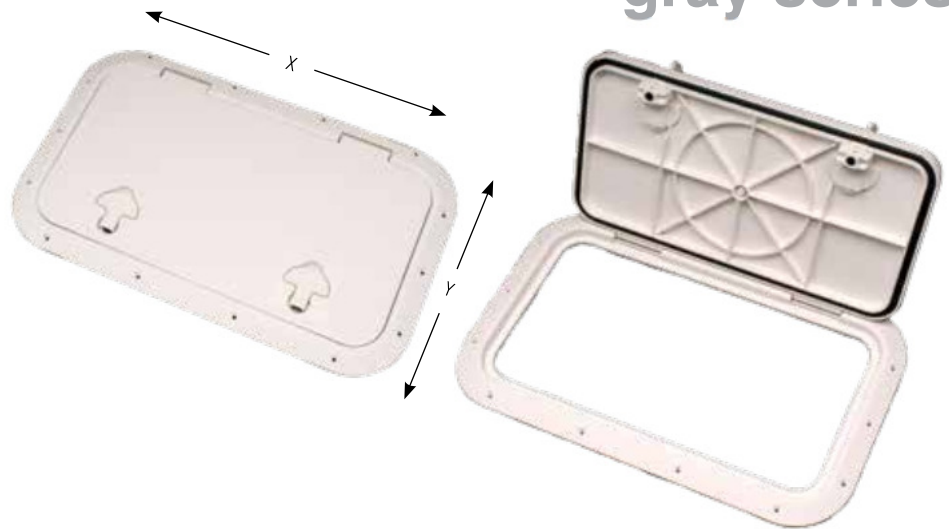
bomar hatch/deck plates

gray series

Inspection Hatch

Features

- Molded low profile.
- T-handle for easy operation.
- Stainless steel hinge pins.
- UV stabliser resin.
- Black or off white.
- Non-skid surface.
- Flush mounting.
- Also available in cast aluminum sizes.



Part Number		I.D. Opening		Cut Out Size		O.D. Size		Weight Lbs.
Black	White	X mm	Y mm	X mm	Y mm	X mm	Y mm	
BG8711-11	BG8711-22	279	178	310	208	362	260	2
BG8812-11	BG8812-22	289	216	329	273	394	318	2.5
BG81020-11	BG81020-22	495	248	537	308	597	349	4.5
BG81618-11	BG81618-22	406	356	448	413	513	460	5
BG81030-11	BG81030-22	679	248	721	289	787	356	6

Deck Plates

Features

- UV stabliser resin.
- Black or off white.
- "O" ring seal.



Part Number		Lock In	I.D. Opening mm	Cut Out Size mm	O.D. Size mm
Black	White				
BG837	BG836	6" Lock In	132	213	162
BG841	BG840	8" Lock In	186	268	216
BG845	BG844	10" Lock In	235	318	267



bomar flush watertight hatches

commercial grade series

Commercial Grade Series

Part Number	Description	Opening	Cut Out	O.D. of Deck Flange	Extends Below Deck	Weight Lbs.
		mm	mm	mm	mm	Lbs.
BC41218	Oval	310 x 464	380 x 534	475 x 629	143	27
BC41524	Oval	380 x 610	450 x 680	552 x 775	127	34
BC42424	Square	380 x 610	520 x 568	597 x 775	127	34

Flush Watertight Hatches

Features

- Cast Almag – 35
- Stainless steel t-handle.
- Steel ring available.
- Inside/Outside opening standard.
- ¼" height off mounting surface.



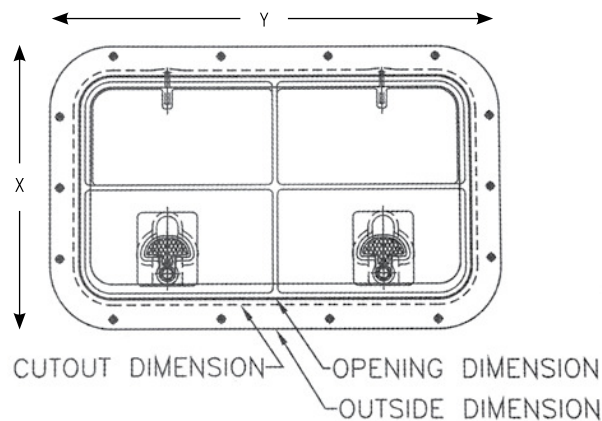
bomar aluminum hatches

commercial grade series

Aluminum Inspection Hatches & Deckplates

Features

- Almag-35.
- Low Profile.
- Non skid surface.
- Locking T-handle.
- Removable lid for easy access.



Part Number	Description	Opening		Cut Out		O.D. of Deck Flange		Extends Below Deck	Weight
		X	Y	X1	Y1	X2	Y2		
T-Handle		mm	mm	mm	mm	mm		mm	Lbs.
BC4812	Rectangle	283	224	327	273	398	335	13	7
BC41020	Rectangle	489	256	553	304	621	367	13	12
BC41416	Rectangle	400	344	448	398	511	460	13	12



Anchor Winch Selection Guide

Boat Length (Feet)

Anchor Winch Selection Guide						
	MOTOR WATTS	VOLTS	MAX PULL KG			
HORIZONTAL						
	GENIUS MINI / FF	250	12	550		
	GENIUS ULTRA / FF	800	12	900		
	HECTOR	1000	12/24	1300		
	HECTOR	1500	12/24	1500		
HECTOR	2300	24	2400			
VERTICAL						
	DP2E	500	12	620		
	DP2	700	12/24	680		
	DP3	1000	12/24	1000		
	DP3	1500	12/24	1100		
	DAVE	2300	24	2400		
DRUM / CAPTIVE REEL						
	MINI ME	300	12	100		
	MINI / NG	500	12	195		
	MIDI / NG	1400	12	250		
	MAXI / NG	1400	12	275		
	MIGHTY / NG	1700	12	350		
	PTR	250	12	600		

NB: Boat size is a GUIDE ONLY. Depending on the style of your boat and where you go boating, your winch requirements may vary. For personalised professional advice, call the team at Harrold Marine

quick anchor winches

mini genius

Horizontal Anchor Winch – Mini Genius 250

Quicks appropriately named Genius series of horizontal windlass are the epitome of Italian elegance and ingenuity working in perfect synergy. Robust inner workings and a tough chrome plated bronze gypsy are encased within a sleek anodised housing making them as aesthetically pleasing as they are functional.

Features

- Ideal for restricted above deck mounting
- Anodised alloy housing for reduced corrosion
- Integral chain pipe
- Dual direction permanent magnet motor for greater output and reduced power consumption
- IP66 Watertight

Standard Inclusions

- Composite clutch release handle
- Dual direction solenoid pack
- Remote up/down panel switch
- Isolator/circuit breaker panel



Part Number	Model	Watts	Volts	Chain Std mm	Rope mm	Max. Pull kg	Max. Chain Speed m/min	Weight kg	Boat Size Guide M
FSGM02500006A03	250	250	12	6	12	550	22	8	5-7
FSGM02500008A01	250	250	12	8	12	550	22	8	5-7

Horizontal Anchor Winch – Mini Genius Free Fall 250F

The ultimate tool for the serious fisherman. The free fall series of Genius windlass allows fast, precision anchoring when hitting that ledge or wreck matters. These units include all the quality traits of the standard Genius with the addition of Quick's patented free fall mechanism. This easy to operate function allows the operator to engage the free fall with ease from the dash at the touch of a button. The free fall versions also come with 'power up, power down' capabilities if the free fall function is not required.

Features

- Quick free fall technology
- Ideal for restricted above deck mounting
- Anodised alloy housing for reduced corrosion
- Integral chain pipe
- IP66 Watertight

Standard Inclusions

- Composite clutch release handle
- Dual direction solenoid pack
- Remote up/down panel switch
- Isolator/circuit breaker panel



Part Number	Model	Watts	Volts	Chain Std mm	Rope mm	Max. Pull kg	Max. Chain Speed m/min	Weight kg	Boat Size Guide M
FSGM0250F006A02	250F	250	12	6	12	550	22	10.5	6-7
FSGM0250F008A01	250F	250	12	8	12	550	22	10.5	6-7

quick anchor winches

genius

Horizontal Anchor Winches

– Genius 1000

Quicks appropriately named Genius series of horizontal windlass are the epitome of Italian elegance and ingenuity working in perfect synergy. Robust inner workings and a tough chrome plated bronze gypsy are encased within a sleek anodised housing making them as aesthetically pleasing as they are functional.

Features

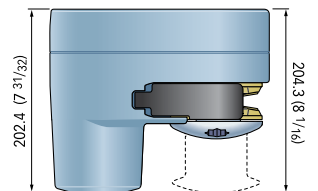
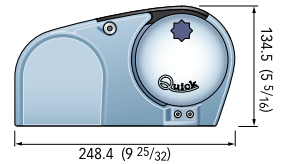
- Completely above deck mount
- IP66 Watertight
- Anodised alloy housing reduces corrosion
- Integral chain pipe
- Sensor included for use with optional digital chain counters

Standard Inclusions

- Clutch release handle
- Dual direction solenoid pack
- Remote up/down panel switch
- Isolator/circuit breaker panel

Optional

- Digital chain counters (sensor installed as standard feature)
- Foot switches
- Hand held remote controls



Part Number	Model	Watts	Volts	Chain mm	Rope mm	Max. Pull kg	Max. Chain Speed m/min	Weight kg	Boat Size Guide M
FSGU10000006A02	1000	800	12	6	12	900	30.3	10.5	7-10
FSGU10000008A04	1000	800	12	8	14	900	30.3	10.5	7-10

Horizontal Anchor Winches

– Genius Free Fall 1000F

The ultimate tool for the serious fisherman. The free fall series of Genius windlass allows fast, precision anchoring when hitting that ledge or wreck matters. These units include all the quality traits of the standard Genius with the addition of Quick's patented free fall mechanism. This easy to operate function allows the operator to engage the free fall from the dash at the touch of a button. The free fall versions also come with 'power up, power down' capabilities if the free fall function is not required.

Standard Inclusions

- Clutch release handle
- Dual direction solenoid pack
- Remote up/down panel switch
- Isolator/circuit breaker panel

Optional

- Digital chain counters (sensor installed as standard feature)
- Foot switches
- Hand held remote controls



Part Number	Model	Watts	Volts	Chain mm	Rope mm	Max. Pull kg	Max. Chain Speed m/min	Weight kg	Boat Size Guide M
FSGU1000F006A01	1000F	800	12	6	12	900	30.3	10.9	7-10
FSGU1000F008A01	1000F	800	12	8	14	900	30.3	10.9	7-10

quick anchor winches

hector 1000, 1500 & 2300

Horizontal Anchor Winches – Hector 1000, 1500 & 2300

For boats 9-20 metres the Hector is the big brother of the Genius series of windlass. The Hector comes with built in solenoids for easy installation and is IP66 watertight. This winch is the best choice when there is little room in the anchor locker for a motor and gear box. The Hector installs completely above deck.

Features

- On-deck windlasses
- Base in anodized aluminium in hard oxide
- Jacket in composite material or in anodized aluminium in hard oxide
- With drum
- Rope and chain on a single gypsy
- Integrated solenoids
- Emergency manual lift system
- Manual Free fall system

Standard Inclusions

- Clutch release and manual lift handle
- Remote up/down panel switch
- Isolator/circuit breaker panel

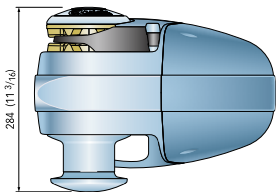
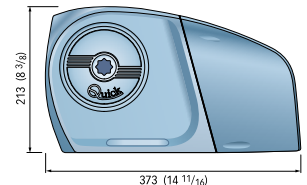
Optional

- Hand held remote controls
- Chain Counters
- Foot Switches

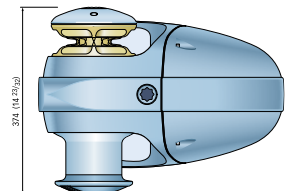
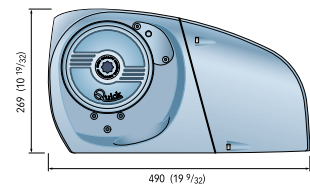


Hector 2300w

Hector 1000/1500w



Hector 2300w



Part Number	Watts	Volts	Chain mm	Rope mm	Max. Pull kg	Max. Chain Speed m/min	Weight kg	Boat Size m
FSHC1012D008A00	1000W	12V	8mm	12-16	1300	37.3	25.3	9-13
FSHC1012D010A00	1000W	12V	10mm	12-16	1300	37.3	25.3	9-13
FSHC1024D008A00	1000W	24V	8mm	12-16	1300	37.3	25.3	9-13
FSHC1024D010A00	1000W	24V	10mm	12-16	1300	37.3	25.3	9-13
FSHC1512D008A00	1500W	12V	8mm	14-16	1500	37.5	25.4	12-15
FSHC1512D010A00	1500W	12V	10mm	14-16	1500	37.5	25.4	12-15
FSHC1524D008A00	1500W	24V	8mm	14-16	1500	40.0	25.4	12-15
FSHC1524D010A00	1500W	24V	10mm	14-16	1500	40.0	25.4	12-15
FSHC2324DB00A00	2300W	24V	10mm	N/A	2400	41.2	61.5	15-20
FSHC2324DB02A00	2300W	24V	13mm	N/A	2400	41.2	61.5	15-20

quick nautical equipment

PTR

PTR 700

PTR 700

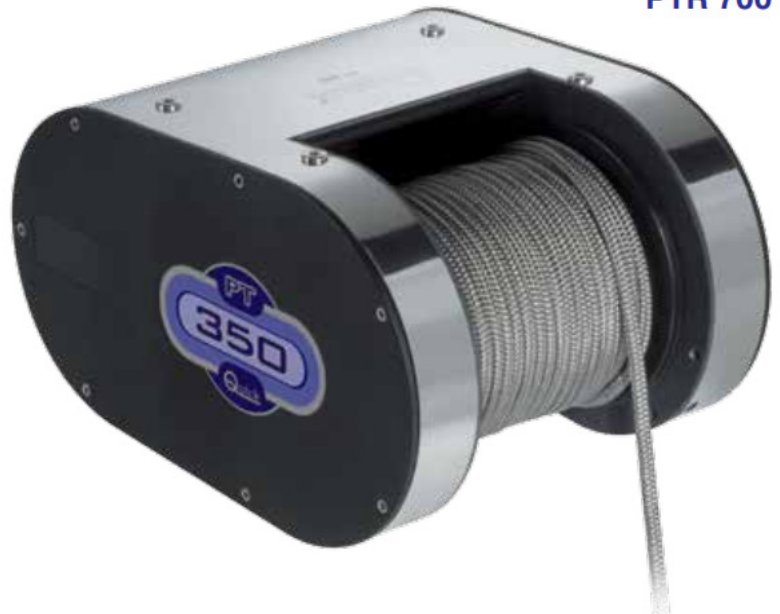
On-deck or under-deck windlasses in AISI 316 stainless steel and anodized aluminium.

IP67 watertight motor

Watertight IP67

PT multipurpose capstan

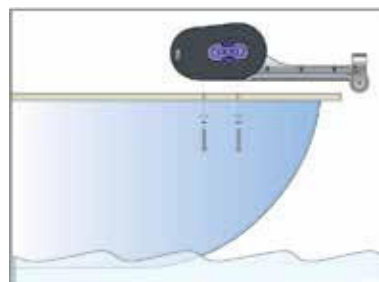
The PT model is available in the windlass version, complete with bow-roller on request, or in a tender-recovery version, complete with reel for lines with snap-hook.



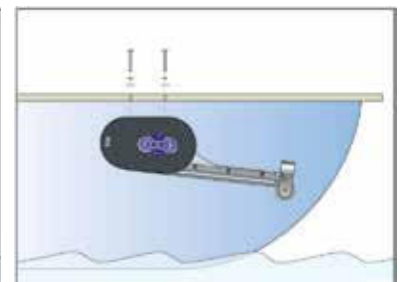
PTR windlass
FSPT0700R000A00



PTR windlass with bow-roller
FSPT0700R000A01



On-deck installation



Under-deck installation

Standard versions

	PT 700 R
Motor power	250 W
Motor supply voltage	12 V
Maximum pull	600 Kg
Maximum chain speed ⁽¹⁾	20.8 m/min
Weight	10.2 kg

(1) Measurements taken with rope 6 mm.

For boats from 5 - 9 metres

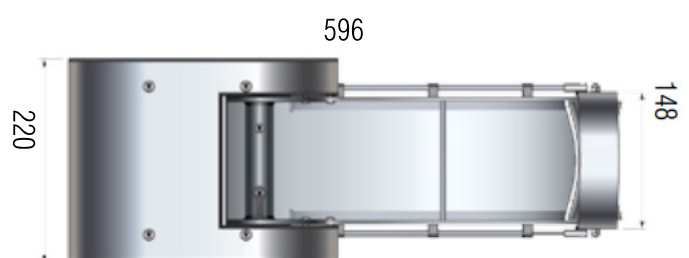
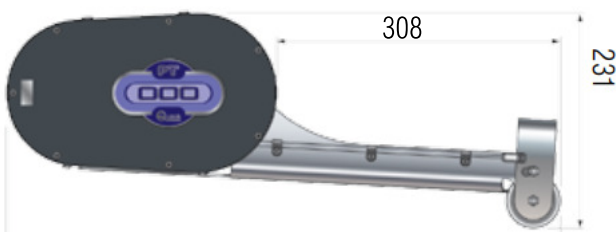
PT 700R	250 W	5 - 9 m
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Attention: the indication may vary according to the boat.



All Quick® capstans come with a 3 years warranty

PTR 700 with bow-roller



Dimensions in mm

quick nautical equipment

PTG Capstan

PTG 700

Capstans for tender in AISI 316 stainless steel and anodized aluminium
IP67 watertight motor

PT multipurpose capstan

The PT model is available in the windlass version, complete with bow-roller on request, or in a tender-recovery version, complete with reel for lines with snap-hook.



PTG Capstan

Flat strap with spring catch available on request.



PTG capstan for tender

FSPT0700G000A00



PTG

Deck thickness ⁽³⁾
 20 - 40 mm



294

173



220

Dimensions in mm



All Quick® capstans come with a 3 years warranty

Part Number

Standard versions

PT 700 G

Motor power	250 W
Motor supply voltage	12 V
Maximum pull	600 Kg
Maximum chain speed ⁽¹⁾	20.8 m/min
Weight	10.2 kg

(1) Measurements taken with rope 6 mm.



quick winch

prince series



DP2E

Prince series,
medium top
500 Watt

Prince Windlass Series

PRINCE series is the new range of Quick electric windlasses, equipped with motors ranging from 300W to 1500W.

The new models display contemporary-inspired shapes and design and above all the Made-in-Italy style, and have been conceived to perfectly meet the market requirements.

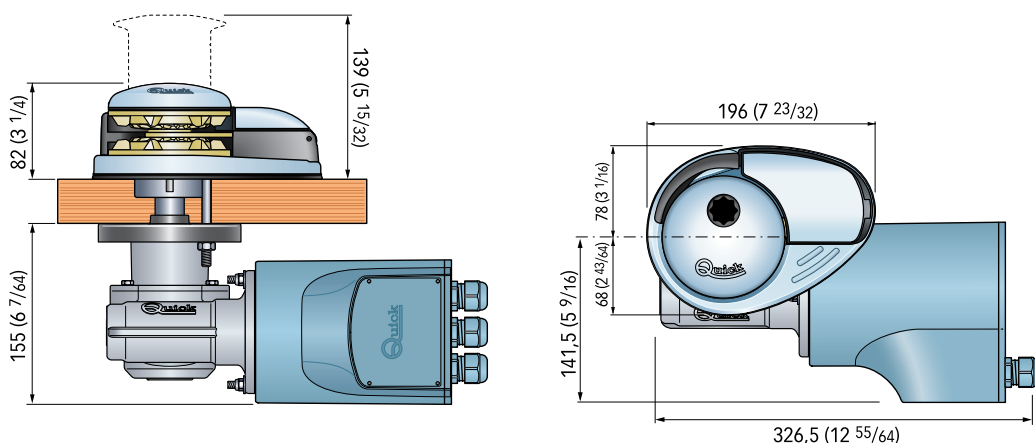
Prince windlasses are the result of a long route of research and design, aimed at creating a high-quality and competitive range. The choice of materials includes both stainless steel, which offers high-resistance features and aluminum with a special plastic fiber used for some parts of the structure that enhances the mechanical and functional performance.

The motor-gearboxes, manufactured by Quick, are in Anodised aluminium and all motors are equipped with a waterproof casing.

The DP 700, 1000 and 1500 W models have an IP67 protection.



DP2/d 700 Watt



Deck Thickness
25-50 mm (31/32 - 1"31/32)*

quick winch

prince series



DP2

Prince series,
medium top
700 Watt



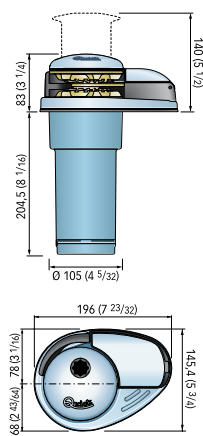
All Quick winclases
come with a 3-YEARS
warranty.



DP3

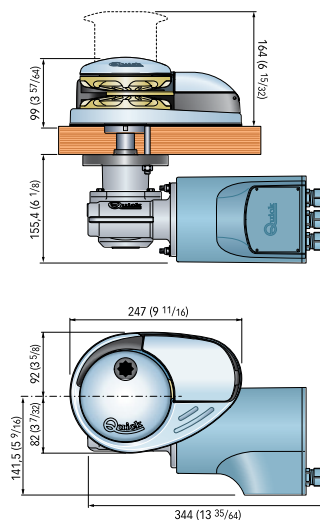
Prince series,
large top
1000/1500 Watt

DP2E/d 500/800 Watt



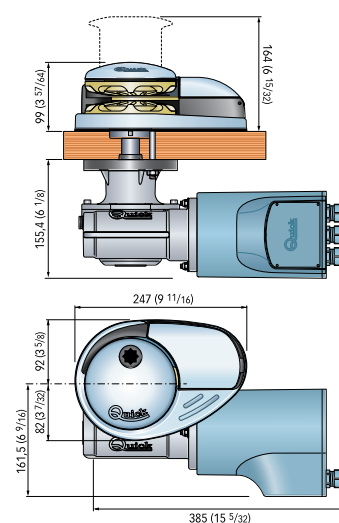
Deck Thickness
20-40 mm (25/32" - 1" 9/16)"

DP3/d 1000 Watt



Deck Thickness
25-50 mm (31/32" - 1" 31/32)"

DP3/d 1500 Watt



Deck Thickness
30-50 mm (1" 3/16" - 1" 31/32)"



DP2E

Prince series,
medium top
500 Watt

Epicyclical
gearbox
Vertical drive
motor: easy and
quick drop-in
installation.

DP2E – 500 W DC

The DP2E windlass is equipped with an epicyclical gearbox, that provides much higher efficiency (40% compared to equivalent traditional gearboxes).

Features

- Vertical windlasses
- Aisi 316 Stainless steel base
- Without drum Rope and chain on a single gypsy
- Manual Free-Fall system
- Supplied with pressure lever - Inspection lid
- IP67 watertight motor
- Anodised aluminium gearbox

For boats from 6 to 10 metres (20 - 33 ft)*

Gypsy - DP2E

Gypsy	6mm		8mm	
Chain size	6 mm	6 mm	8 mm	8 mm
	DIN 766	ISO	DIN 766	ISO
Rope size	1/2"		1/2"	

Part Number	Watts	Volts	Size	With Drum
FSDP2E060006A01	500W	12V	6 mm	No
FSDP2E060008A02	500W	12V	8 mm	No
FSDP2E06D006A01	500W	12V	6 mm	Yes
FSDP2E06D008A01	500W	12V	8 mm	Yes

DP2E models with DC electric motor

Standard versions	DP2E 600/600D
Motor power	500 W
Motor supply voltage	12 V
Maximum pull	620 Kg
Maximum working load	200 Kg
Maximum chain speed (1)	22,9m/min
Weight without drum	8,3 Kg

Measurements taken with a gypsy for a 8 mm chain.



DP2 – 700 W DC

Features

- Vertical windlasses
- Aisi 316 Stainless steel base
- With and without drum Rope and chain on a single gypsy
- Manual Free-Fall system
- Supplied with pressure lever - Inspection lid
- IP67 watertight motor
- Anodised aluminium gearbox



DP2

Prince series,
medium top
700 Watt

Gypsy - DP2

Gypsy	6mm		8mm	
Chain size	6 mm	6 mm	8 mm	8 mm
	DIN 766	ISO	DIN 766	ISO
Rope size	1/2"		1/2"	

Part Number	Watts	Volts	Size	With Drum
FSDP20712006A04	700W	12V	6 mm	No
FSDP20712008A01	700W	12V	8 mm	No
FSDP20712D06A01	700W	12V	6 mm	Yes
FSDP20712D08A02	700W	12V	8 mm	Yes

DP2 models with DC electric motor

Standard versions	DP2 700 / 700 D	
Motor power	700 W	
Motor supply voltage	12 V	24 V
Maximum pull	680 Kg	680 Kg
Maximum working load	300 Kg	320 Kg
Maximum chain speed (1)	22,6 m/min	25,3 m/min
Weight without drum	15,6 Kg	15,6 Kg
Weight with drum	16,3 Kg	16,3 Kg

Measurements taken with a gypsy for a 8 mm chain.

DP3 – 1000 W DC & 1500 W DC

The DP2E windlass is equipped with an epicyclical gearbox, that provides much higher efficiency (40% compared to equivalent traditional gearboxes).

Features

- Vertical windlasses
- Aisi 316 Stainless steel base
- With and without drum
- Rope and chain on a single gypsy
- Manual Free-Fall system
- Supplied with pressure lever Inspection lid
- IP67 watertight motor
- Anodised aluminium gearbox

For boats from 7 to 15 metres (23 - 49 ft)*

Gypsy - DP3

Gypsy	8mm		10mm	
Chain size	8 mm	8 mm	10 mm	10 mm
	DIN 766	ISO	DIN 766	ISO
Rope size	9/16" - 5/8"		5/8"	

DP3 models with DC electric motor

Standard versions	DP3 1000 / 1000 D		DP3 1500 / 1500 D	
Motor power	1000 W		1500 W	
Motor supply voltage	12 V	24 V	12 V	24 V
Maximum pull	1000 Kg	1000 Kg	1100 Kg	1100 Kg
Maximum chain speed (1)	39,6 m/min	40,9 m/min	29,2 m/min	29,7 m/min
Weight without drum	18,1 Kg	18,1 Kg	20,4 Kg	20,4 Kg
Weight with drum	19,1 Kg	19,1 Kg	21,4 Kg	21,4 Kg

Measurements taken with a gypsy for a 8 mm chain.

Part Number	Watts	Volts	Size	With Drum
FSDP31012008A01	1000W	12V	8 mm	No
FSDP31012010A04	1000W	12V	10 mm	No
FSDP31012D08A01	1000W	12V	8 mm	Yes
FSDP31012D10A02	1000W	12V	10 mm	Yes
FSDP31024008A02	1000W	24V	8 mm	No
FSDP31024010A01	1000W	24V	10 mm	No
FSDP31024D08A01	1000W	24V	8 mm	Yes
FSDP31024D10A01	1000W	24V	10 mm	Yes

Part Number	Watts	Volts	Size	With Drum
FSDP31512008A02	1500W	12V	8 mm	No
FSDP31512010A05	1500W	12V	10 mm	No
FSDP31512D08A02	1500W	12V	8 mm	Yes
FSDP31512D10A01	1500W	12V	10 mm	Yes
FSDP31524008A02	1500W	24V	8 mm	No
FSDP31524010A03	1500W	24V	10 mm	No
FSDP31524D08A01	1500W	24V	8 mm	Yes
FSDP31524D10A03	1500W	24V	10 mm	Yes



DAVE

2300 W DC

Features

- Vertical windlasses
- Stainless steel Aisi 316 base
- With and without drum
- Rope and chain on a single gypsy
- Manual Free-Fall system
- Emergency manual lift system with chain-stopper (optional)
- Supplied with pressure lever
- Inspection cover
- Motor watertight to IP66 (2300 W)
- Anodised aluminium gearbox

For boats from 16 To 24 metres

DAVE	2300 W	DC	16 - 24 m
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Gypsy - DAVE

Gypsy	10 mm		12/13 mm	
Chain size	10 mm	10 mm	13 mm	12 mm
	DIN 766	ISO	DIN 766	ISO
Rope size	20mm		20mm	

DAVE DY

Left chain pipe
(with drum)



Part Number	Watts	Volts	Size	With Drum
FSDV23240Y10A00	2300W	24V	10 mm	No
FSDV23240Y12A00	2300W	24V	12/13 mm	No
FSDV2324DY10A00	2300W	24V	10 mm	Yes
FSDV2324DY12A00	2300W	24V	12/13 mm	Yes

DAVE DY

Standard versions

DAVE 2300 / 2300 D

Motor power	2300 W
Motor supply voltage	24 V
Maximum pull	2400 Kg
Maximum chain speed (2)	41,2 m/min

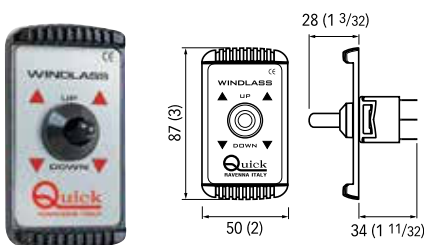
Measurements taken with a gypsy for a 12 mm chain.



Reversing Solenoids

The contactor and reversing contactor units are capable of to operating electric motors for windlasses and capstans. Thanks to their external connections, they are very easy to install.

Part Number	Volts	Motor Type	No# Of Poles	Height mm	Weight	Depth mm
FTT631512000A00	12	Series	3	96	100	64
FTT631524000A00	24	Series	3	96	100	64
FTT641512000A00	12	Permanent	4	96	100	64
FTT641524000A00	24	Permanent	4	96	100	64



Remote Up-Down Panel Switch

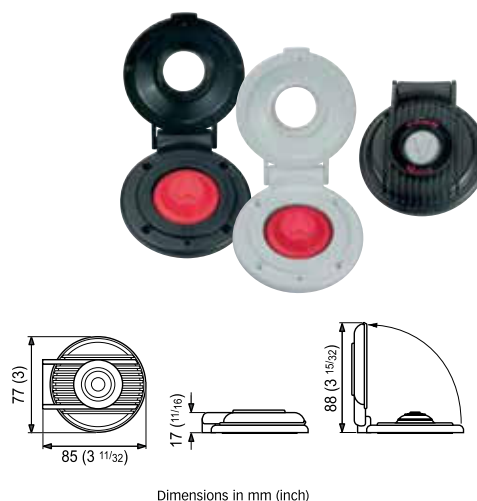
Dashboard, surface mounted up and down control suitable for use with all winches.

Part Number	Volts	Max. amps
FP8000000000A00	12/24	10

Foot Switches

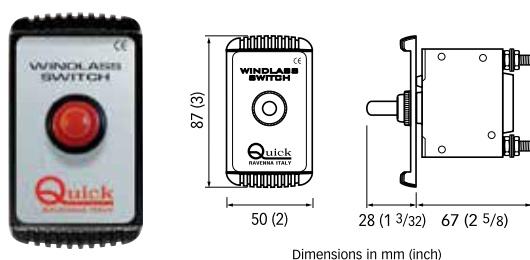
With safety cover to prevent accidental push-button operation.

Part Number	Colour	Direction	Button Colour	Volts
FP900UB000000A00	Black	Up	Red	12/24
FP900DB000000A00	Black	Down	Grey	12/24
FP900UW000000A00	White	Up	Red	12/24
FP900DW000000A00	White	Down	Grey	12/24



Circuit Breakers

Quick “slow burn” hydraulic magnetic circuit breakers offer protection when using direct currents. In over current situations they will trip, break the circuit and protect the equipment, they may be reset manually and are suitable up to 80 Vdc.



Part Number	Amps	Volts
FD10040000000A00	40	12/24
FD10050000000A00	50	12/24
FD10060000000A00	60	12/24
FD10080000000A00	80	12/24
FD10010000000A00	100	12/24

Digital Chain Counter

Quick offers a range of digital chain counter solutions to make anchoring easy. Quick chain counters are compatible with most other brands of electric windlass. From dash mounted panels to hand held wireless remotes, Quick has your chain counting needs covered.

Quick's base model chain counter is a surface mount unit that is quick and easy to install with a myriad of features to make anchoring stress free.

CHC 1202 allows for versatile mountings:

- Retro-fit
- Surface-mounted

Functions

- Simple user-friendly interface.
- Information displayed in 5 different languages.
- Automatic lowering function.
- Up alarm function.
- Locked keys function.
- Ability to control free fall windlass feature.
- Chain speed displayed.
- Supply voltage displayed.
- Equipped with clock/calendar.
- Depth of chain lowered shown in metres or feet.

- Graphic LCD display screen that can be easily read at various angles.
- Backlight display screen with 8 brightness levels.
- 8 different display contrast levels can be set.
- Automatic display contrast compensation according to outside temperature.
- Universal power supply (12/24Vdc).
- Backlight illuminated function keys.
- CAN BUS interface for data transfer.
- Capable of operating in a wide range of ambient temperatures.
- Protection rating IP67 (except for the electric contact are connected).

Part Number	Mount Type	Volts	Power Consumption
FNCHC1202M00C00	Surface	12/24	50MA (max.)



Hand Held Chain Counter

This chain counter incorporates all of the design features of the CHC 1202 into an ergonomic handheld control. This control features a built in LED torch and comes with a pre-wired plug and socket and mounting bracket. The unit is IP67 watertight.

Functions

- Up-down winch control
- Automatic lowering to programmed length of chain
- Depth of chain lowered in metres or feet
- Chain speed
- Up alarm
- Supply voltage
- Clock and calendar
- Information in five languages



Part Number	Volts	Cable Length m
FNCHC1102M00C00	12/24	3.5

Hand Held Remote Controls

Quick offers hand held remotes with 2, 4, 6 and 8 buttons for a multitude of solenoid activated applications such as anchor winches, thrusters, cranes and davits. These units come standard with a 3.5 m coil retracting cable. The unit is IP67 watertight. There is also an option exclusive to Quick to have a LED torch built into the remote making anchoring in the dark a safer and easier task.



Part Number	No of Switches	Volts
FNHRC1002000C00	2	12/24
FNHRC1004000C00	4	12/24
FNHRC1006000C00	6	12/24
FNHRC1008000C00	8	12/24
Remote With LED		
FNHRC1002L00C00	2	12/24
FNHRC1004L00C00	4	12/24
FNHRC1006L00C00	6	12/24
FNHRC1008L00C00	8	12/24



Watertight Connectors

Spare IP67 watertight connectors to suit above hand held remotes or any other switch application that needs to pass through a deck or bulkhead. Gold plated contacts ensure a long life and superior conductivity. The plug comes with comes pre-wired with a 3.5m harness, the sockets come pre-wired with 30cm of wire and include a protective cap and gasket when the socket is not in use.

Part Number	Socket
FVSCC71XX000A00	Suit Any Socket

Note: Spare Cap And Gasket



Plug pre-wired with 3.5m harness

Part Number	Poles No.	Suits Button
FVSPSCHRC200A00	3	2
FVSPCHRC400A00	5	4
FVSPSCHRC600A00	7	6
FVSPCHRC800A00	9	8

Socket with dust cap and rubber gasket

FVSPCHRC200A00	3	2
FVSPCHRC400A00	5	4
FVSPCHRC600A00	7	6
FVSPCHRC800A00	9	8

Hand Held Radio Remote Controls

The pinnacle of handheld technology, Quicks range of wireless handheld remotes allow users complete freedom while operating solenoid activated switching hardware such as anchor winches, thrusters, cranes and davits. To be used in conjunction with radio receivers described below. Both hand and pocket remotes are IP67 watertight and come with a lanyard.



Hand Remotes



Pocket Fobs

Part Number	Channels
FRRRCPO20000A00	2
FRRRCPO40000A00	4

Part Number	Channels
FRRRCH020000A00	2
FRRRCH040000A00	4

Radio Receivers

Standard Radio Receivers are in 2 and 4 channel configurations. (more channels available on request) Quicks radio receivers can be programmed to receive signals from multiple transmitters allowing for multiple applications per unit. The Receivers are IP67 watertight.

Part Number	Channels
FRRRCR020000B00	2
FRRRCR040000B00	4



quick thrusters

bow and stern

Quick Bow and Stern Thrusters

Quick's thorough research and development has culminated in their range of bow and stern thrusters. The range covers boats from 20ft to 90ft with 140mm 1.5KW thrusters through to the large 300mm 12.0KW thruster producing 270KGF of thrust. Wholly manufactured in house, Quick's range is comprised of electric and hydraulic thrusters as well as retractable versions with electric motor. Standard electric versions as listed are stocked, hydraulic and retracting versions are available on request.

Gearbox

- Sleek hydrodynamic design
- Gives equal thrust in both directions
- Sealed for life – no maintenance required, no external oil reservoir

Propellers

- 4-Blade propellers offer maximum efficiency and a reduction in current absorption.
- Composite material resistant to all forms of corrosion
Produces equal thrust in each direction

Elasticised Joint

- Exclusive to Quick
- Optimises alignment between motor and gear box – Prolongs life of components

Motors

- Designed for harshest environment
- Utilizes the latest in materials to provide maximum performance and guarantee the required output
- Motors can be mounted up to 90 degrees off vertical (support bracket required when mounted over 30 degrees)

Protection

- Zinc anode attached to end of drive shaft. Independent of gear leg for fast servicing
- Propeller secured separately from anode, so propeller is not lost in case of anode completely dissolving

All Quick® bow thrusters come with a 3 year warranty

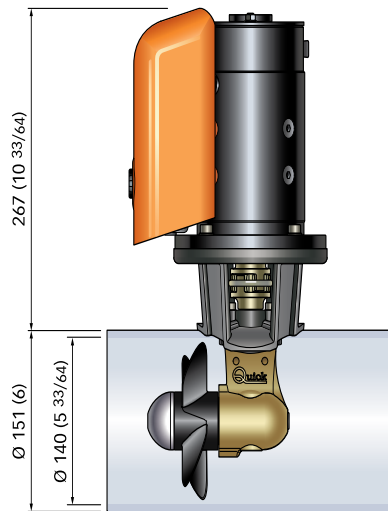


quick thrusters

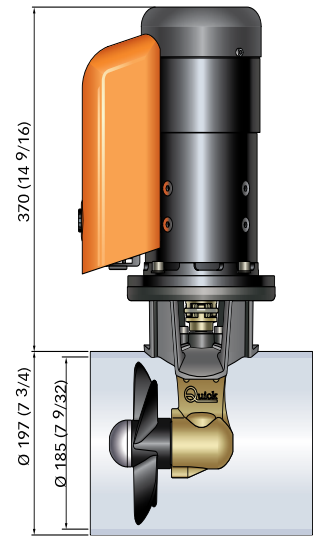
bow and stern



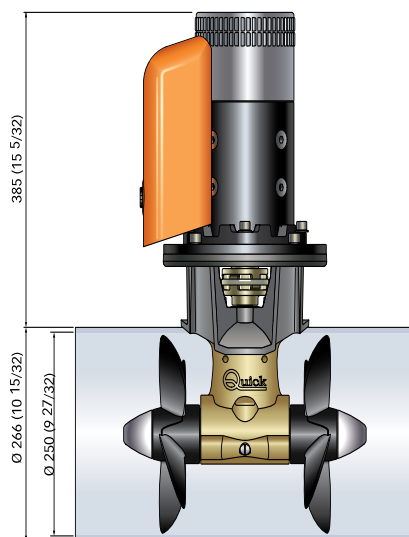
140mm
Thruster



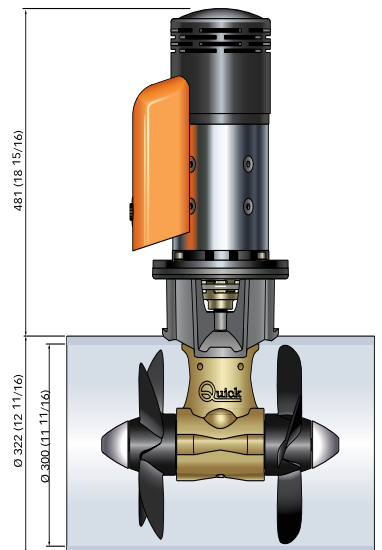
185mm
Thruster



250mm
Twin Prop
Thruster



300mm Twim Prop
Thruster



Part Number	KW	KGF	Prop	Volts	Tunnel Dia mm	Boat Size Guide M & FT	Fuse Amp
FGBT14030120A00	1.5KW	30KGF	Single	12	140	6-8M - 20-26FT	200
FGBT18055120A00	3.0KW	55KGF	Single	12	185	8-10M - 26-33FT	300
FGBT18075120A00	4.0KW	75KGF	Single	12	185	10-12M - 33-40FT	500
FGBT18095120A00	6.0KW	95KGF	Single	12	185	12-14M - 40-46FT	2 x 325
FGBT18095240A00	6.0KW	95KGF	Single	24	185	12-14M - 40-46FT	355
FGBT25120120A00	6.5KW	120KGF	Twin	12	250	14-16M - 46-53FT	2 x 355
FGBT25120240A00	6.5KW	120KGF	Twin	24	250	14-16M - 46-53FT	400
FGBT25140240A00	8.0KW	140KGF	TWIN	24	250	15-17M - 50-56FT	400
FGBT30250240A00	10.0KW	250KGF	TWIN	24	300	16-18M - 53-60FT	2 x 300
FGBT30270240A00	12.0KW	270KGF	TWIN	24	300	18-21M - 60-70FT	2 x 325

quick accessories

bow and stern

Bow Thruster Accessories



wireless controls
available on
request



Fuses & Fuse Holder

Part Number	Description
FVGEFF200FTBA00	200A Fuse
FVGEFF275FTBA00	275A Fuse
FVGEFF300FTBA00	300A Fuse
FVGEFF325FTBA00	325A Fuse
FVGEFF355FTBA00	355A Fuse
FVGEFF400FTBA00	400A Fuse
FVGEFF500FTBA00	500A Fuse
FVGEFPBTQQ00000	Fuse Holder

Thruster Controls

Part Number	Description
FNTCD1022000C00	Touch Panel Control
FNTCD1042000C00	Single Joy Stick Control
FNTCD1044000C00	Dual Joy Stick Control

Thruster Cables

Part Number	Description
FNTCDEX06000A00	6m control cable
FNTCDEX12000A00	12m control cable
FNTCDEX18000A00	18m control cable
FNTCDEX24000A00	24m control cable
FNTCDSP00000A00	"Y" harness

Bow and Stern Tunnels

Tunnels - Bow & Stern

Part Number	Dia. mm	Length mm
Bow Tunnels		
SAPVTL140075	140	750
SAPVTL140100	140	1000
SAPVTL185075	185	750
SAPVTL185100	185	1000
SAPVTL185150	185	1500
SAPVTL250100	250	1000
SAPVTL250150	250	1500
SAPVTL250200	250	2000
SAPVTL300150	300	1500
SAPVTL300200	300	2000

Stern Tunnels

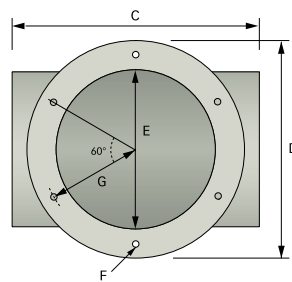
FGTLPV140000A00	140
FGTLPV185000A00	185
FGTLPV250000A00	250
FGTLPV300000A00	300



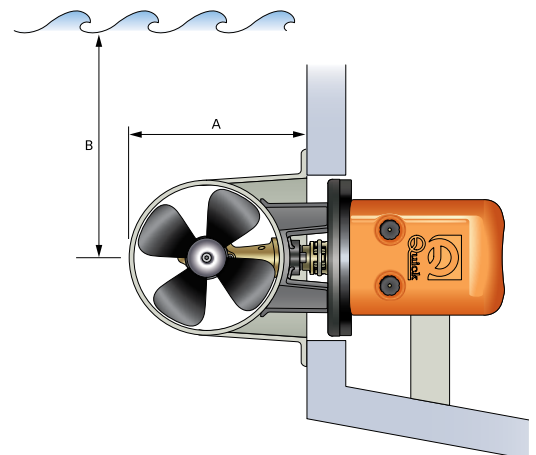
Stern Tunnel



Bow Tunnel



B : distance to water line
D : external flange diameter
E : internal flange diameter
F : bolt holes diameter
G : bolt position radius from the centre



Models	BTQ 140	BTQ/BTQH 185	BTQ/BTQH 250	BTQ/BTQH 300
Propulsion system	Single propeller	Single propeller	Double propeller	Double propeller
Ø Tunnel	140 mm (5,5")	185 mm (7,3")	250 mm (9,85")	300 mm (11,8")
A	176 mm	235 mm	325 mm	380 mm
B	130 mm	170 mm	230 mm	280 mm
C	250 mm	325 mm	420 mm	490 mm
D	250 mm	300 mm	380 mm	380 mm
E	158 mm	196 mm	255 mm	255 mm
F	9 mm	10,5 mm	10,5 mm	10,5 mm
G	105 mm	127,5 mm	160 mm	160 mm

quick nautical equipment

water heaters

Nautic Boiler

All lines of our range of products present the following advantages and high-quality characteristics.

Benefits

- High quality materials
- Heat exchanger with wide exchange surface.
- Produces hot water from the electric element, that is fitted with an adjustable safety bi-thermostat.
- Relief / non-return valve that allows discharging of the water heater in case of disuse.
- Can be mounted anywhere from 0 degrees to 90 degrees.

Features

- The heat exchanger used for Quick "Nautic Boiler B3" is in stainless steel AISI 316.
- The heat exchange capacity is notably higher than that achieved from other manufacturers.
- The tank is made in stainless steel 316 AISI welded with Argon shielding gas and hence highly resistant to corrosive agents. The electrical heating element is made of Incoloy®.
- The thermal insulation is high density polyurethane foam injected between the cover and tank giving excellent heat retention properties.

Optional accessories

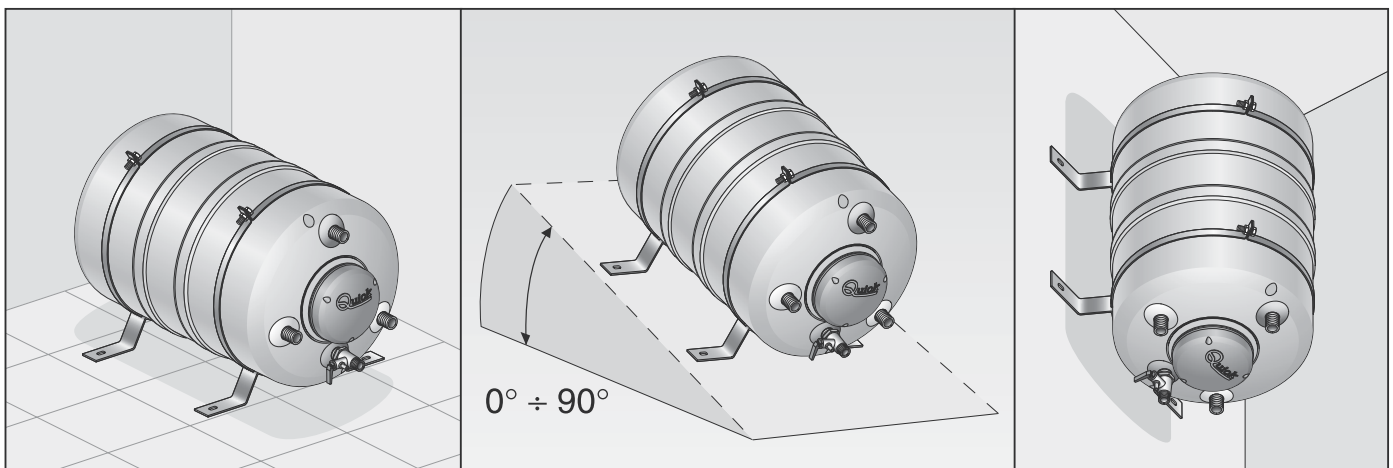
- Anti-flare protection.
The heating element can be provided with an anodized aluminium case that protects the water heater in potentially explosive environments (ISO 8846).
- Thermostatic mixing valve kit.



New line product B3 from 15 to 80 litre.



All Quick® water heaters come with a 3 years warranty



quick nautical equipment

water heaters



Nautic Boiler B3

Casing in composite material
Tank in stainless steel AISI 316















Tank mounting brackets or wall or floor-mounted are in stainless steel AISI 316 and are supplied as standard in each package.



Nautic Boiler B3

Tank pressure (running test)	800 kPa (1)
Maximum working pressure	600 kPa (1)
Electric element voltage rating (2)	220 Vac \pm 10% [-]
Electric element power (2)	1200 W
Outputs diameter	1/2"

(1) 1 Bar = 100 kPa / 1 Bar = 100 kPa / (2) Available on request

Tank capacity		Diameter		Length	Weight	Heating element	Model
Nautic Boiler B3		L	mm	mm	Kg	Watt	Code
		15	300	405	7.0	1200	FLBX1512S000A00
		20	300	500	8.1	1200	FLBX2012S000A00
		25	300	605	8.5	1200	FLBS2512S000A00
		30	360	495	10.5	1200	FLBX3012S000A00
		40	360	620	11.7	1200	FLBX4012S000A00
		60	400	721	14.6	1200	FLBX6012S000A00
		80	400	921	17.8	1200	FLBX8012S000A00

VRS Switching voltage reducers

Our long experience in the nautical field has enabled us to develop a line of voltage reducers that guarantee superior performance levels with respect to the standards normally available on the market.

EMC Class EN 55022

Important advantages

- Low residual output fluctuation (ripple lower than 50 mV RMS).

Protections

- Protection against shorts
- Output overvoltage
- Reverse output polarity.



Part Number	FZVRS1000000A00	FZVRS1600000A00	FZVRS2300000A00	FZVRS3000000A00
Models	VRS 10	VRS 16	VRS 23	VRS 30
Maximum output current (1)	8 A	12 A	18 A	25 A
Maximum output load (2)	10 A	16 A	23 A	30 A
Rated output voltage	13,5 Vdc \pm 0,5 Vdc			
Output voltage stability	1%			
Residual ripple	50mV max RMS			
Supply voltage	20 ÷ 30 Vdc			
Maximum absorbtion	7.5 A	12.5 A	18.5 A	22.2 A
Cooling	Natural			
Case material	Aluminium			
Dimensions W x H x D - mm	171.5 x 60 x 25	171.5 x 90 x 25	200 x 100 x 35	189 x 254 x 68
Weight	320 g	500 g	710 g	1700 g

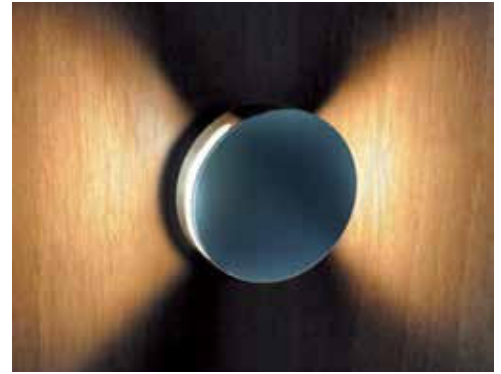
(1) For continuous operation.

(2) For intermittent operation (1 min ON, 1 min OFF at an ambient temperature of 21°C).



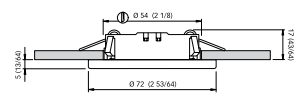
Quick Marine Lighting

Brighten up your boat with Italian designed and made LEDs! Quick's Marine Lighting is a range of high-quality products specially designed for the marine environment. Their principle dedication has been the creation of LED light fixtures with solutions that perfectly integrate or replace traditional light sources. Below is a list of the most popular Quick LEDs but if you would like something a little different or want to see the complete range please contact us for a standalone Quick Marine Lighting catalogue. Quick's Marine Lighting range also includes dimmer switches, LED strip lighting, wall lights, table lights, LED light bars and even a pop-up "secret" light. Whatever your lighting requirement, Quick is the answer.



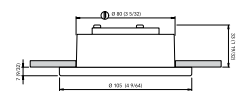
Ted – Ultra Shallow LED Down Lights

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP1342X02CA00	TED	POLISHED SS	12/24	WARM WHITE	IP40
FAMP1342B02CA00	TED	WHITE	12/24	WARM WHITE	IP40



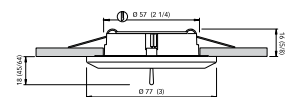
Sonia – High Powered LED Down Lights

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP0912X12CD00	SONIA	POLISHED SS	12/24	WARM WHITE	IP65
FAMP0912B11CD00	SONIA	WHITE	12/24	DAYLIGHT	IP65



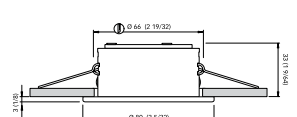
Selene – Ultra Shallow LED Down Lights

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP1582X02CD00	SELENE	POLISHED SS	12/24	WARM WHITE	IP40
FAMP1582B02CD00	SELENE	WHITE	12/24	WARM WHITE	IP40



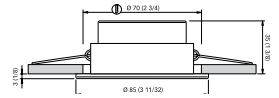
Kai – High Powered LED Down Lights

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP0852X11CD00	KAI	POLISHED SS	12/24	WARM WHITE	IP65
FAMP0852B12CD00	KAI	WHITE	12/24	DAYLIGHT	IP65



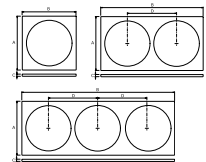
Nikita – Directional LED Down Light

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP0212X000D00	NIKITA	POLISHED SS	12/24	WARM WHITE	IP40



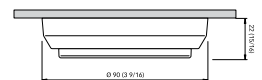
NK – Trim to suit Nikita

Part Number	Name	Finish	Volts	Light Type	IP Rating
FVAMFPL1AXA0A00	NK TRIM	TO SUIT NIKITA	N/A	1 HOLE TRIM	N/A
FVAMFPL2AXB0A00	NK TRIM	TO SUIT NIKITA	N/A	2 HOLE TRIM	N/A
FVAMFPL3AXC0A00	NK TRIM	TO SUIT NIKITA	N/A	3 HOLE TRIM	N/A



Tim – Surface Mounted LED Down Lights

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP1432X02CA00	TIM	POLISHED SS	12/24	WARM WHITE	IP40
FASP1432B02CA00	TIM	WHITE	12/24	WARM WHITE	IP40



Nicole – LED Reading Light

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP0473CC06A00	NICOLE	CHROME	12/24	COOL WHITE	IP40



Maya 30 – LED Reading Light

Stylish and attractive the Maya 30 provides excellent light from six cool white high luminosity LED's on a 300mm flexible wand. Finished in polished chrome over aluminum body with neatly incorporated integral on/off switch. 12/24 volt.



Patricia – LED Courtesy Lights

Attractive low profile courtesy light manufactured from U.V. stabilised Technopolymer. Impact resistant and rated to IP65 for outdoor, cockpit or general use. 12/24 volt.

Part Number	Name	Finish	Volts	Light Type	IP Rating
FAMP0833CC06A00	MAYA 30	CHROME	12/24	COOL WHITE	IP40
FAMP0262T02CA00	PATRICIA	CHROME	12/24	WARM WHITE	IP65
FAMP0262T05CA00	PATRICIA	CHROME	12/24	BLUE	IP65



Power Anchor

Galvanised and Stainless Steel

The fixed head Power anchor is a high holding power anchor constructed of high-grade steel for maximum strength. Its shank profile and ballasted tip make it self-launching and ensure that it will set immediately.



Stainless Steel
Power Anchor

Power Anchor Specifications

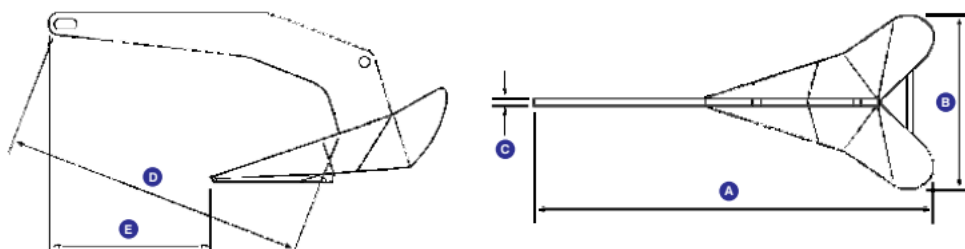
Galvanised Part No.	Anchor Weight kg	Stainless Part No.	Anchor Weight kg	Recommended Chain Size mm	A mm	B mm	C mm	D mm	E mm
PAG96104	4	PAS96005	5	6	517	232	9	392	212
PAG96106	6	PAS96007	7	6	596	267	11	455	245
PAG96110	10	PAS96010	10	8	698	312	14	531	284
PAG96116	16	PAS96015	15	8	815	364	14	619	330
PAG96120	20	PAS96020	20	10	880	394	17	668	359
PAG96125	25			10	948	417	17	718	389
PAG96130	30	PAS96030	30	10	1026	455	21	780	427

Note: Sizes Approximate

Power Anchor Selection Guide

	Anchor Weight kg	Recommended Chain Size mm	Boat Length Overall						
			6m 20ft	9.2m 30ft	12.2m 40ft	15.2m 50ft	18.3m 60ft	21.3m 70ft	24.4m 80ft
Power	4	6	■						
Power	6	6		■					
Power	10	8			■				
Power	16	8				■			
Power	20	10					■		
Power	25	10						■	
Power	30	10							■

Power Anchor Dimensions



Plough Anchor

This galvanised steel plough anchor is popular with Australian boat owners and is competitively priced. The plough anchor is available up to 345lb.

Plough Anchor Specifications

Part No.	Size lb	Part No.	Size lb
008/010	10	008/045	45
008/015	15	008/060	60
008/020	20	008/065	65
008/027	27	008/075	75
008/030	30	008/080	80
008/035	35	008/100	100



Reef Anchor

This galvanised steel reef anchor is ideal for rocky bottoms and reef. Prongs are shipped straight, bend to suit before deploying.

Reef Anchor Specifications

Part No.	Prong	Size mm
009/406	4	6
009/408	4	8
009/410	4	10
009/412	4	12
009/506	5	6
009/508	5	8
009/510	5	10
009/512	5	12



Grapnel Folding Anchor

This rugged all cast anchor is ideal for small boats where space is at a premium

Grapnel Folding Anchor Specifications

Part No.	Size kg	Part No.	Size kg
007/001	1.5	007/004	4
007/002	2.5	007/005	6
007/003	3.5		



anchor rodes/rope/chain

Anchor Rodes

Features

- Designed to complement the rope-chain gypsies fitted to all Quick windlasses
- Calibrated for even pitch
- Hot dip galvanized to minimize corrosion. The chain is Grade 'L' Galvanised Short Link to suit Australian Windlasses
- Smooth rope-to-chain transition
- Helps your windlass operate smoothly
- All rode kits have a tapered splice ready for use with Windlasses.
- Custom rope and chain lengths available upon request



3-Strand Nylon Rodes

Part No.	Description
430/700	50m x 12mm of rope spliced to 10m X 6mm chain
430/701	100m X 12mm of rope spliced to 10m X 6mm chain
430/710	50m X 14mm of rope spliced to 10m X 8mm chain
430/711	100m X 14mm of rope spliced to 10m X 8mm chain
430/720	100m X 6mm of rope spliced to 10m X 6mm chain

Anchor Hank

The Anchor Hank are made from Silver rope with a Thimble spliced into one end. Sizes available as indicated.

Part No.	Description
430/106	Anchor Hank 6mm (30m) Silver
430/108	Anchor Hank 8mm (30m) Silver
430/110	Anchor Hank 10mm (30m) Silver
430/206	Anchor Hank 6mm (40m) Silver
430/208	Anchor Hank 8mm (40m) Silver
430/210	Anchor Hank 10mm (40m) Silver

Nylon Rope

Nylon rope is ideal for use with windlasses. Lengths and sizes available as indicated. Other sizes available on request.

Part No.	Description
430/008	Nylon 8mm (100m) Spool
430/010	Nylon 10mm (100m) Spool
430/012-1	Nylon 12mm (100m) Spool
430/014-1	Nylon 14mm (100m) Spool
430/016-1	Nylon 16mm (100m) Spool
430/018	Nylon 18mm (125m) Spool

Silver Rope

Silver rope is ideal for mooring lines. Available in sizes indicated.

Part No.	Description
430/406	Silver 6mm (250m) Spool
430/408	Silver 8mm (200m) Spool
430/410	Silver 10mm (125m) Spool
430/412	Silver 12mm (100m) Spool
430/414	Silver 14mm (125m) Spool
430/416	Silver 16mm (125m) Spool
430/418	Silver 18mm (125m) Spool
430/420	Silver 20mm (125m) Spool



anchor rodes/rope/chain

Anchor Swivel

Features

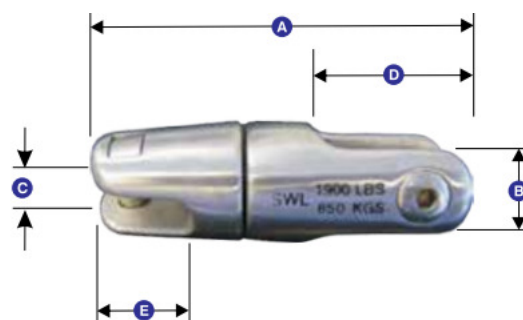
- Pulls easily over bow roller
- Pins are captured so they will not loosen when under load
- Pin can be easily removed with an Allen key



Anchor Swivel Specifications

Part No.	Swivel size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
452/500	6-8	84	15	9	36	24
452/501	10-12	96	22	13	40	26

Anchor Swivel Dimensions



Chain

Features

- Chain is Galvanised short link, Grade "L" calibrated to suit windlasses.
- Available by the metre.

Part No.	Link Size (mm)	Weight (kg\m)
052/006	6	0.93
052/008	8	1.49
052/010	10	2.33
052/013	13	4



D-shackle

Features

- D-shackle is Galvanise

Part No.	Shackle size (mm)
452/001	6
452/003	8
452/005	10
452/007	12

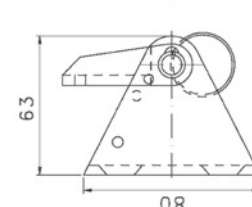
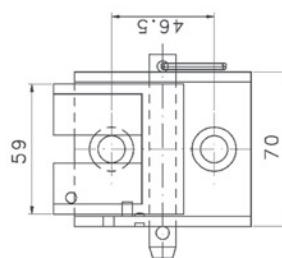
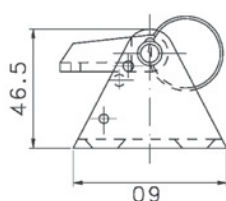
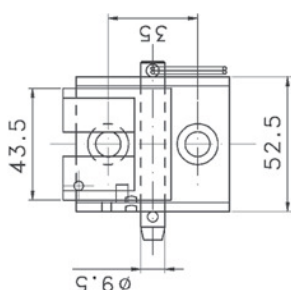


Anchor Chain Stoppers

Features

- Stainless steel, electro-polished. Prevents damage to windlass.

Part Number	Fits Chain Sizes
053/099	4-6mm
053/100	8-10mm



bennett trim tabs

Trim Tabs

We know boaters are passionate about their boats. What drives us is helping them get the most out of their boating experience.

Features

Performance

- Increase Speed
- Reduce Pounding
- Correct for Listing
- Eliminate Porpoising
- Offset Prop Torque

Turn a teeth-jarring experience into a more comfortable ride.

Efficiency

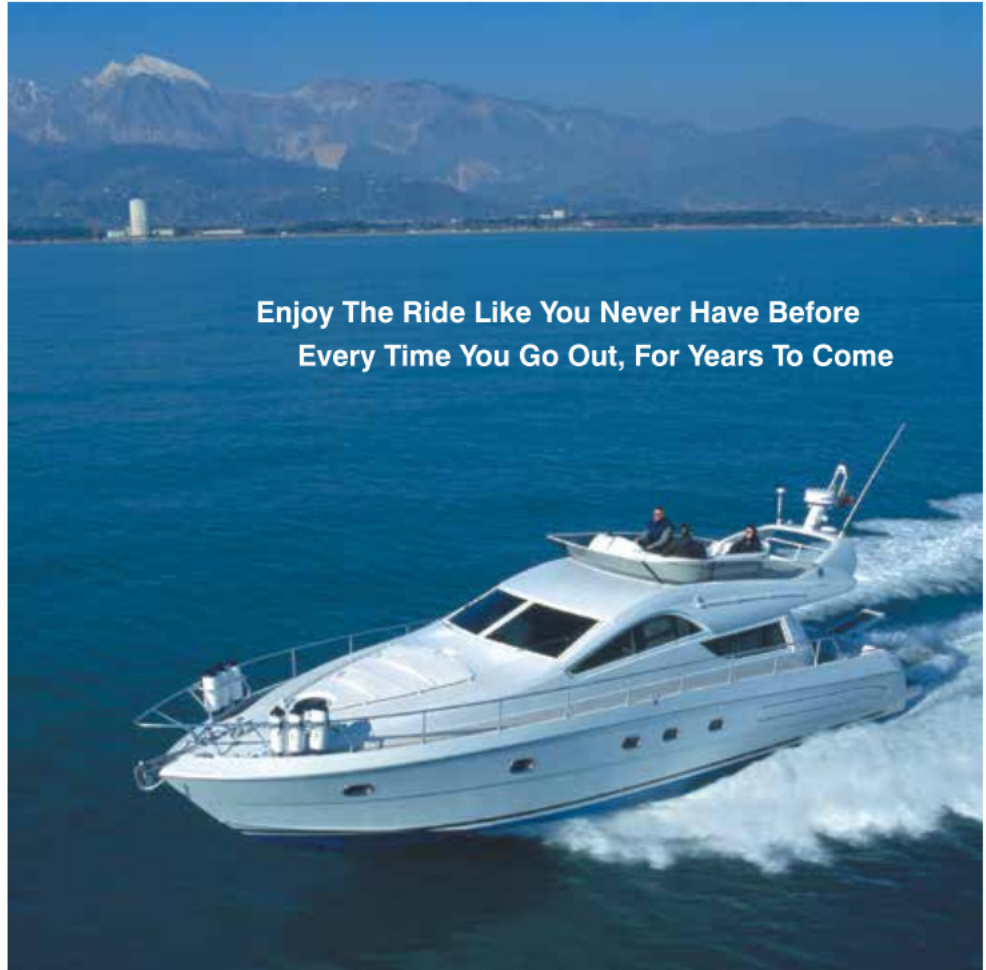
- Reduce Fuel Consumption
- Reduce Engine Laboring
- Eliminate Squatting

Bennett Trim Tabs are one of the few boat accessories that can pay for themselves.

Safety

- Improve Visibility
- Reduce Wake
- Improve Handling
- Reduce Hull Stress

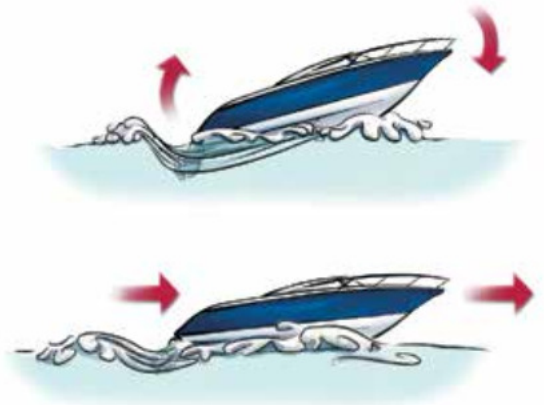
Relax at the wheel thanks to greater control over your bow high position.



How Trim Tabs Work

Bennett Trim Tabs are two independent, stainless steel, adjustable after-planes attached to the bottom edge of the transom. They are designed to improve lift and stability, greatly enhancing the boating experience. When the helm control is pressed, the trim tabs move into position. Water force on the trim tab surface creates upward pressure, raising the stern and lowering the bow.

The principle is simple. The results are impressive.



bennett trim tabs

trim tab kits

Trim Tab Kits

The right match between trim tab and boat is critical to achieve maximum performance. Trim tabs can be a boat designer's ally — if they fit the specifications of the boat. Bennett works with builders, engineers and designers to develop a trim tab system that allows the boat to operate as intended over a broader range of conditions.

Modified Stainless Steel Trim Planes

Bennett Trim Tabs are made of high-quality 304 stainless steel and remain strong and rigid, even in the most challenging situations. The metal's advantage is that it can be sheared and bent to create a variety of shapes and levels of strength. Boat builders can have a custom tab built to their specifications without long manufacturing lead times.

Special Configurations

Transoms come in all shapes and sizes, and space is often limited. Fortunately Bennett has solutions for design challenges like molded steps, integral swim platforms, exhaust outlet placement, stepped stern profiles, multiple deadrise angles at the transom, propeller tunnels and sophisticated pocket designs.

Actuator Installation Flexibility

Bennett actuators are strong but flexible nylon/fiberglass hydraulic cylinders that push tabs into position. They allow for more variations in stroke than any trim tab system in the market — fitting almost any space a boat builder can design. Fluid flows through a concealed hole in the upper hinge at the top of the actuator, thus eliminating external hoses subject to damage.



General Sizing Guidelines

Many factors affect the choice of properly sized trim tabs, and the ultimate responsibility for selection is up to the boat owner. Selection may vary based on power, engine configuration, weight distribution, type of boat, and use.

Boat Length	Engine Configuration	Trim Tab Size (span & chord)
15'-19' (4.5-5.8 m)	Single I/O, Single Outboard or Inboard	12" x 9" (30 x 23 cm)
17'-19' (5.2-5.8 m)	Single Outboard	8" x 10" (20 x 25 cm) M80
19'-24' (5.8-7.3 m)	Single I/O, Single Outboard, or Inboard	18" x 9" (46 x 23 cm)
19'-24' (5.8-7.3 m)	Limited Transom Space or Extra Lift	12" x 12" (30 x 30 cm)
20'-23' (6.0-7.0 m)	Single I/O or Single Outboard	10" x 12" (25 x 30 cm) M120
22'-27' (6.7-8.3 m)	Single I/O or Single Outboard	24" x 9" (61 x 23 cm)
22'-27' (6.7-8.3 m)	Twin I/O or Twin Outboard	18" x 12" (46 x 30 cm)
25'-30' (7.6-9.1 m)	Single I/O or Outboard	30" x 9" (76 x 23 cm)
25'-30' (7.6-9.1 m)	Limited Transom Space or Extra Lift	30" x 12" (76 x 30 cm)
25'-30' (7.6-9.1 m)	Twin I/O or Twin Outboard	24" x 12" (61 x 30 cm)
28'-34' (8.5-10.4 m)	Inboard	36" x 9" (91 x 23 cm)
28'-34' (8.5-10.4 m)	Limited Transom Space or Extra Lift	36" x 12" (91 x 30 cm)
28'-34' (8.5-10.4 m)	Twin I/O or Twin Outboard	24" x 12" (61 x 30 cm)
32'-38' (9.7-11.6 m)	Inboard	42" x 9" (107 x 23 cm)
32'-38' (9.7-11.6 m)	Limited Transom Space or Extra Lift	42" x 12" (107 x 30 cm)
36'-44' (11.0-13.4 m)	Inboard	48" x 9" (122 x 20 cm)
36'-44' (11.0-13.4 m)	Limited Transom Space or Extra Lift	48" x 12" (122 x 30 cm)
42'-50' (12.8-15.2 m)	Inboard	54" x 9" (137 x 23 cm)
50'-60' (15.2-18.3 m)	Inboard	54" x 12" (137 x 30 cm)
60'-65' (18.3-19.8 m)	Inboard	60" x 12" (153 x 30 cm)
65'-70' (19.8-21.3 m)	Inboard	66" x 12" (168 x 30 cm)
70'-80' (21.3-24.4 m)	Inboard	72" x 12" (183 x 30 cm)

NOTE Span = side to side measurement Chord = fore to aft measurement

bennett trim tabs

trim tab variations

Trim Tab Variations

Many factors affect the choice of properly sized trim tabs, and the ultimate responsibility for selection is up to the boat owner. Selection may vary based on power, engine configuration, weight distribution, type of boat, and use. The greater the surface area, angle of deflection and/or speed of the water flowing under the trim tab, the greater the lift. To achieve maximum performance on your boat, Bennett offers more options than any other trim tab manufacturer. Since we are the manufacturer, we can customize trim plane assemblies based on your needs. Below are a few of our standard options. Check for availability and pricing. All sizes and variations are not shown below.



Standard Trim Tab

A standard Trim Plane Assembly (TPA) includes a trim plane, backing plate and hinge. A standard kit includes two TPAs, two actuators, a hydraulic power unit, and all necessary wiring, tubing and hardware. Installation is transom mount. Available in 9" and 12" chord lengths.



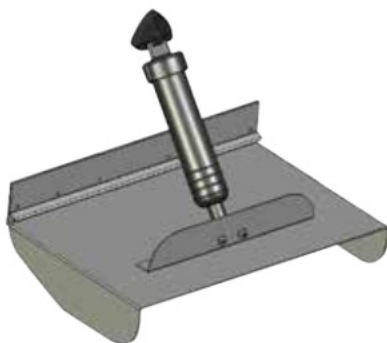
Bottom Mount

This installation is only used when the transom mount is not practical. It requires a flat bottom with no strakes or other protrusions. Often used for pocketed tabs.



Up Fins

An up fin is the upward bending of a trim plane's inboard and/or outboard edges. This engineering adds strength to the system by increasing the stiffness of the trim plane.



Drop Fins

A drop fin is the downward bending of a trim plane's inboard and/or outboard edges. Maximizes lift on longer chord trim planes — captures water pressure that would normally escape out the sides of the tabs and channels it aft.



Dual Actuator, Heavy Duty

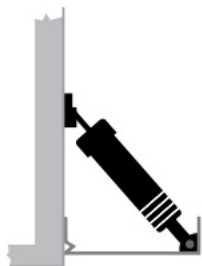
The HD series features heavy duty, 10-gauge stainless steel tabs, secured with a massive piano hinge. The tab is cut at an angle on one side to accommodate limited transom space from multiple outboards. Dual actuators on each tab absorb shock during high speed impact with the water.

bennett trim tabs

trim tab kits

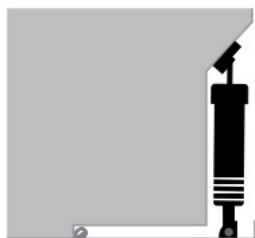
Meet your match

No one has more options to suit your needs



Standard Installation

Upper hinge of actuator positioned against the transom.



Vertical Installation

Though trim tabs are most effective when extended aft from the transom, pockets present an integrated appearance and can easily accommodate Bennett Trim Tabs. The trim plans can be bottom mounted (see Vertical, above left), or standard mounted (see Reverse, above right) and the actuator repositioned to fit into the recesses in the hull. This is a popular installation for sport fishing, as the tabs won't get in the way of fishing lines and fish brought to the transom for boarding.



Reverse Installation

Actuator Flexible Upper Hinge



Actuator Variations



Standard Actuator

As shown, retracted length is 13 3/4" with a standard stroke of 2 1/2". Stroke can be modified to meet unique specifications.



Short & Extra Short Actuator

An alternative to the Standard Actuator, for installations where space is limited. Short retracted length is 11 3/4" with a standard stroke of 2 1/2". Extra Short retracted length is 10 5/8" with a standard stroke of 2 1/2". Stroke can be modified.



External Line Actuator

Used in cases of total inaccessibility inside the transom. Unlike the Standard Actuator, the external line hydraulics enter the transom by means of external tubing above the waterline.

bennett trim tabs

trim tab kits

Complete Trim Tab Kits with Euro-Style Rocker Switch Control

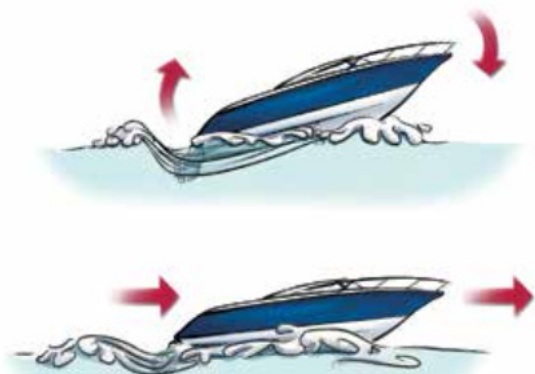
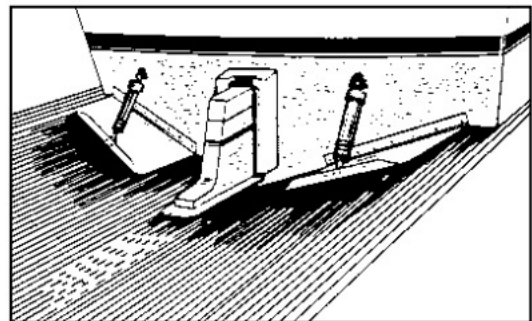
Decrease the time in "transition mode" between displacement and planing. Reduce fuel consumption, laboring of engines, hull stress, wake and pounding. Eliminate squatting, listing and porpoising. Increase speed and improve visibility and handling. Standard trim tab package contains two stainless steel trim tabs, two actuators, a hydraulic power unit, all necessary wiring, tubing, hardware and installation instructions. Includes Euro-Style Rocker Switch Control. All sets are with Standard Transom Mount.



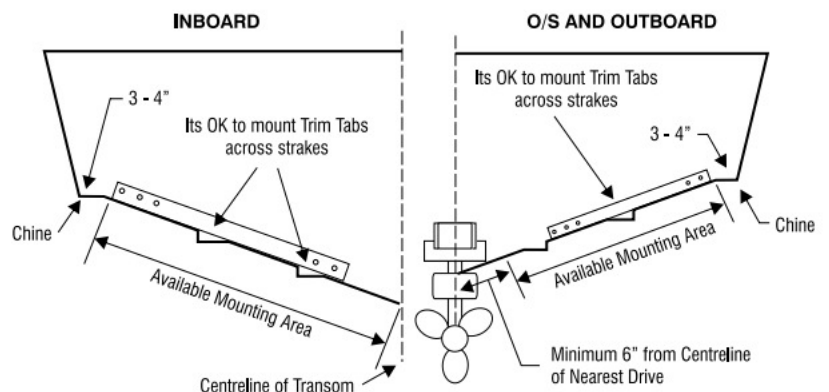
Standard Trim Tab Kits Specification

Part Number	Trim Tab Size
499/001	12" x 9" Trim Tab System (10" x 9" available)
499/002	18" x 9" Trim Tab System
499/004	24" x 9" Trim Tab System
499/005	30" x 9" Trim Tab System
499/006	36" x 9" Trim Tab System
499/006/1A	42" x 9" Trim Tab System
499/006/1B	48" x 9" Trim Tab System
499/009/5	54" x 9" Trim Tab System
499/000	12" x 12" Trim Tab System
499/052	18" x 12" Trim Tab System (14" & 16" x 12" available)
499/006/24	24" x 12" Trim Tab System (20" & 22" x 12" available)
499/005/1	30" x 12" Trim Tab System
499/006/12/1	36" x 12" Trim Tab System
499/007	42" x 12" Trim Tab System
499/008	48" x 12" Trim Tab System - Dual Actuator per Tab
499/009	54" x 12" Trim Tab System - Dual Actuator per Tab
499/009/6	60" x 12" Trim Tab System - Dual Actuator per Tab
499/009/7	66" x 12" Trim Tab System - Dual Actuator per Tab
499/009/2	72" x 12" Trim Tab System - Dual Actuator per Tab

These sizing recommendations are based on average performance. When making a choice between trim tab sizes, remember that *the largest trim tabs that will fit on the transom will be the most efficient.*



Installation Guide



bennett trim tabs

trim tab kits

M80 and M120 Sports Tab Systems



Bennett's M80 and M120 Sport Tabs are ideal for trailered boats in the 17' - 23' range. Their unique Batwing design provides 30% more lift than conventional trim tabs and their space-saving design ensures easy installation on virtually any transom. Trim tab kits include two stainless steel trim tabs, two actuators, a hydraulic power unit, all necessary wiring, tubing, hardware and installation video. Includes Euro-Style Rocker Switch Control.

Part Number	Trim Tab Size
499/M80	8" x 10"
499/M120	10" x 12"

Performance Sports Tabs



The Sport Tab series is engineered for the demands of offshore attitude correction over a wide range of water conditions. For speeds up to 60 mph. Features two heavy duty stainless steel tabs with powder-coated black finish, secured with heavy duty mounting plates and fasteners. The ST12 and ST16 Sport Tabs are deflected and held firmly in position by dual actuators on each tab. Kit also includes hydraulic power unit, and all necessary wiring, tubing and hardware. Includes Euro-Style Rocker Switch Control.

Part Number	Trim Tab Size
499/ST12	12" x 12" - Dual Actuator
499/ST16	12" x 16" - Dual Actuator

Tournament Tab Kits



High bow on take-off, pounding, porpoising and excessive use of the engine's power trim are common factors reducing the efficiency of high-performance fishing boats. You may also find yourself needing a high throttle setting just to stay on plane. With a unique Batwing design and a high-tech, black powder-coated finish, Tournament Tabs are engineered to fit your small boat. They increase stability, versatility and overall performance, helping your boat run on plane in shallow water — even at slower speeds. Tournament Tabs are hydraulically adjustable, putting total attitude control at your fingertips. Includes Euro-Style Rocker Switch Control.

Part Number	Trim Tab Size
499/021	8" x 10"
499/022	10" x 12"

Heavy Duty Tab Kits



The HD series features heavy duty, 10-gauge stainless steel tabs, secured with a massive piano hinge. On the HD16, the tab is cut at an angle on one side to accommodate limited transom space from multiple outboards. Dual actuators on each tab absorb shock during high speed impact with the water. Includes Euro-Style Rocker Switch Control.

Part Number	Trim Tab Size
499/HD13	12" x 13"
499/HD16	12" x 16"

bennett self-leveling tabs

trim tab kits

Self-Leveling Tabs for Small Boats

Good things come in small packages.

Now you can have the durability of a Bennett trim tab system with a simple, quick and easy installation.

There is nothing to do inside the boat – only the mounting of two actuators and two tabs at the transom. It's an affordable, simple solution for small boats from 10 to 18 ft (3 m to 5.5 m).

The SLT uses some of the same high-quality, proven materials and durable design used in Bennett standard hydraulic systems for more than 50 years.

Quick and easy installation – no template needed!

You can change the position of the actuator with adjustable mounting options that are available on the trim tab.

Your SLT kit includes:

- 14 gauge stainless steel tabs with Bennett's exclusive interlocking hinge
- Strong and flexible composite actuators
- All stainless steel hardware – no plastic!
- Bennett's no-hassle 5-year warranty



Small Price Tag, Big Benefits!

- Increase top speed
- Get on plane quickly
- Plane at lower speeds
- Reduce engine laboring
- Improve fuel efficiency
- Improve your hole shot
- Eliminate porpoising and chine walking
- Reduce pounding

Bennett SLT

Part Number	Tab Size	Boat Size
499/SLT6	15 cm x 20 cm	3 m x 4.5 m
499/SLT10	25 cm x 25 cm	4.6 m x 5.5 m



499/SLT6



499/SLT10

bennett trim tabs

trim plane and actuators

Accessories

Trim Plane Assemblies (Includes Tab and Mounting Plate)

Bennett trim planes are made of high quality 304 stainless steel and remain strong and rigid, even in the most challenging situations. Each trim plane assembly includes a trim plane, backing plate and hinge for one side of the boat.



Part Number Description

499/201	12" x 9" Standard (10" x 9" available)
499/202	18" x 9" Standard
499/203	24" x 9" Standard
499/204	30" x 9" Standard
499/205	36" x 9" Standard
499/206/9	42" x 9" Standard
499/207/9	48" x 9" Standard
499/209	54" x 9" Standard
499/201/12	12" x 12" Standard
499/202/11	18" x 12" Standard
499/203/12	24" x 12" Standard
499/204/12	30" x 12" Standard
499/205/12DA	36" x 12" Standard
499/206	42" x 12" Standard
499/207	48" x 12" Standard
499/208	54" x 12" Standard

NOTE All Trim Plane Assemblies (TPA) are Transom Mount. Trim Plane Only (TPO) are 2/3 of the TPA Price, Mounting Plates (MP) are 1/3 of the TPA Price, (Backing Plate/Hinge Plate)

For Tournament Tabs and Heavy Duty Tabs

Part Number Description

499/221	TPA 8" x 10" Tournament Tab
499/223	TPA 10" x 12" Tournament Tab
499/TPAHD13	12" x 13" Heavy Duty Tab
499/TPAHD16P	12" x 16" Heavy Duty Tab – Port
499/TPAHD16S	12" x 16" Heavy Duty Tab – Starboard

For Sports Tabs

499/TPAM80	Trim Plane Assembly 8" x 10" for M80
499/TPAM120	Trim Plane Assembly 10" x 12" for M120
499/211	Trim Plane Assembly 12" x 9" for ST9
499/212	Trim Plane Assembly 12" x 12" for ST12
499/213/1	TPA 12" x 16" ST16 – Port
499/213/2	TPA 12" x 16" ST16 – Starboard

Bennett Actuator Assemblies and Parts

Bennett actuators are strong but flexible nylon/fiberglass hydraulic cylinders. The piston-like arms push tabs into position. Fluid flows through a concealed hole in the upper hinge at the top of the actuator — thus eliminating external hoses subject to damage.

- A1101A is the standard.
- A1101EX is an external line connection actuator used in cases of total inaccessibility inside the transom. Unlike the standard actuator, the external line hydraulics enter the transom by means of external tubing above the waterline.
- A1200S is designed for installations where space is limited.

Part Number Description

499/351	Actuator Assembly (standard 13 3/4" overall length)
499/351RC	Actuator Assembly (standard 13 3/4" overall length) with Rivet Clearance Lower Hinge
499/351EX	Actuator Assembly – External Line – (standard length)
499/318	Upper Hinge
499/318E	Upper Hinge - External Line
499/323	Lower Hinge
499/322	Lower Hinge Pin
499/A1120	Actuator Upper Hinge "O" Ring
499/A1121	Actuator Piston "O" Ring
499/352	Actuator Assembly – Small Version (11 3/4" overall length)
499/352RC	Actuator Assembly – Small Version (11 3/4" overall length) w/ Rivet Clearance Lower Hinge
499/352/S	Actuator Assembly - Extra Short (10 5/8" overall length)
499/352SRC	Actuator Assembly - Extra Short (10 5/8" overall length) w/ Rivet Clear Lower Hinge



499/352RC



499/351EX



499/323



499/318

bennett trim tabs

switches and gauges

Auto Tab Control



Interacts directly with your trim tab system to automatically monitor and maintain the perfect cruising attitude. Calculating more than a thousand attitude readings per second, the newly redesigned ATC adjusts trim tabs to changes in vessel speed, sea conditions and shifting weight. Result is an optimum ride and significant fuel savings.

Part Number	Description
499/AC3000	Auto Tab Control Kit
499/AC3000A	Auto Tab Control System Bridge

Euro-Style Rocker Switch



This control is ergonomically designed, water resistant and provides a positive "click" when the trim tabs are engaged. Its lock-out feature prevents user from pressing down on opposite directions at the same time. The control is easy to install, fitting into any existing Bennett 2 1/2-inch Rocker Switch hole. Comes with a 20" cable.

Part Number	Description
499/ES2000	Euro-Style Waterproof Rocker Switch
499/ES2000A	Euro-Style Waterproof Rocker Switch for Bridge (w/ 20' wire harness)

Analogue Tab Gauges - Round Displays



Compact and economical way to show trim tab position. Use two gauges side by side. Gauges work for dual station installations.

Part Number	Description
499/105	Tab Gauge Kit (2 displays)
499/105/24	Tab Gauge Kit (2 displays) – 24V
499/105/5	Tab Gauge Kit for Bridge (4 displays)
499/105/5/25	Tab Gauge Kit for Bridge (4 displays) – 24V
499/105/1	Tab Gauge Kit for Bridge (4 displays) w/Complete Actuators
499/105/1/	Tab Gauge Display Tab Gauge Display – 24V
499/105MB	Tab Gauge Mounting Bracket

bennett trim tabs

accessories

Electronic Indicator Control

Three features combined into one sophisticated control — the popular Bennett Rocker Switch Control, Trim Tab Indicator and the Auto Tab Retractor. Water resistant, highly accurate and features variable intensity LEDs for night or day. Features a relay module mounted near the transom, which simplifies installation by reducing the number of wires to run to the helm.



Part Number	Description
499/EIC5000	Electronic Indicator Control (EIC) – 12V
499/EIC50002	Electronic Indicator Control (EIC) – 24V
499/EIC5000A	Dual Station EIC Kit – 12V
499/EIC5000A2	Dual Station EIC Kit – 24V
499/EIC5000INT	EIC – 12V No Cables or Sensor Wires
499/EIC50002INT	EIC – 24V No Cables or Sensor Wires
499/EIC5000AINT	Dual Station EIC Kit – 12V No Cables or Sensor Wires
499/EIC5000A2INT	Dual Station EIC Kit – 24V No Cables or Sensor Wires
499/EIC001	EIC Control/Display Only
499/EIC101	EIC RM12
499/EIC102	EIC RM24
499/EIC201	EIC Main Cable – 20 ft Standard Length
499/EIC20125	EIC Main Cable – 25ft length
499/EIC20130	EIC Main Cable – 30ft length
499/EIC20135	EIC Main Cable – 35ft length
499/EIC20140	EIC Main Cable – 40ft length
499/EIC301	EIC Lower Display Cable 4ft Standard Length
499/EIC401	EIC Sensor Wire Pigtail Pack

Part Number	Description
499/EIC501	EIC Hardware Pack for 1st station
499/EIC601	EIC Hardware Pack for 2nd station
499/EIC701	EIC Bridge Junction Box
499/EIC801	EIC Bridge Upper Display Cable 20 ft Standard Length
499/EIC80125	EIC Bridge Upper Display Cable – 25ft length
499/EIC80130	EIC Bridge Upper Display Cable – 30ft length
499/EIC80135	EIC Bridge Upper Display Cable – 35ft length
499/EIC80140	EIC Bridge Upper Display Cable – 40ft length
499/EIC901P	Upper Hinge w/10ft red sensor wire and plug – Standard Length
499/EIC901P15	Upper Hinge w/15ft red sensor wire and plug
499/EIC901P20	Upper Hinge w/20ft red sensor wire and plug
499/EIC901S	Upper Hinge w/10ft green sensor wire and plug – Standard Length
499/EIC901S15	Upper Hinge w/15ft green sensor wire and plug
499/EIC901S20	Upper Hinge w/20ft green sensor wire and plug

Tab Position Indicator

Attractive, compact, water resistant and easy to install. The TPI helm display accurately shows deflection percentage of each trim tab, and the LED brightness is adjustable for any lighting condition. Works with all Bennett Trim Tabs.



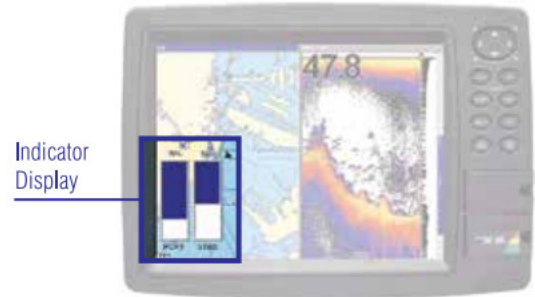
Part Number	Description
499/TPI2000	TPI2000 Tab Position Indicator Kit (TPI) – 12V & 24V
499/TPI2000B	TPI2000B Dual Station TPI Kit – 12V & 24V
499/TPIAB	TPIAB Bridge Display Only w/20ft wire (Note: Longer wire available)
499/TPIDISPLAY	TPIDISPLAY TPI Display Only
499/TPIBWHB	TPIBWHB Bridge Wire Cable Bulk (cost per foot)
499/H1170ATPI	H1170ATPI Hardware Bag for 1st station
499/H1170BTPI	H1170BTPI Hardware Bag for 2nd station
499/CC 3003P	CC 3003P Actuator Upper Hinge with Coil – Port (red) 30ft
499/CC 3003S	CC 3003S Actuator Upper Hinge with Coil – Starboard (green) 30ft
499/A1101CP	A1101CP Complete Actuator w/ sensor wire – Port (red) 30ft
499/A1101CS	A1101CS Complete Actuator w/ sensor wire – Starboard (green) 30ft
499/CCSCR	CCSC R Red Shielded Cable (per foot)
499/CCSCG	CCSC G Green Shielded Cable (per foot)

bennett trim tabs

accessories and hardware

NMEA 2000 Indicator Kit

Compatible with NMEA 2000® compliant electronics. See the position of your trim tabs on your NMEA 2000 compatible multi-function display or gauge, GPS/chartplotter or sonar. The kit comes with Bennett Trim Tab sensors, interface module and NMEA compliant connectors. Screw on the new upper hinge with sensor. Drill hole for sensor wire. Connect to NMEA 2000 Cable. Kit includes Device Net Connectors. Gauge not included.



Part Number	Description
499/NMEA1	NMEA1 NMEA1 Indicator Kit
499/NMEA201	NMEA201 NMEA Interface Module Only
499/NMEA301	NMEA301 NMEA Backbone Tee Connector



Screw on the new upper hinge with sensor.



Drill hole for sensor wire.

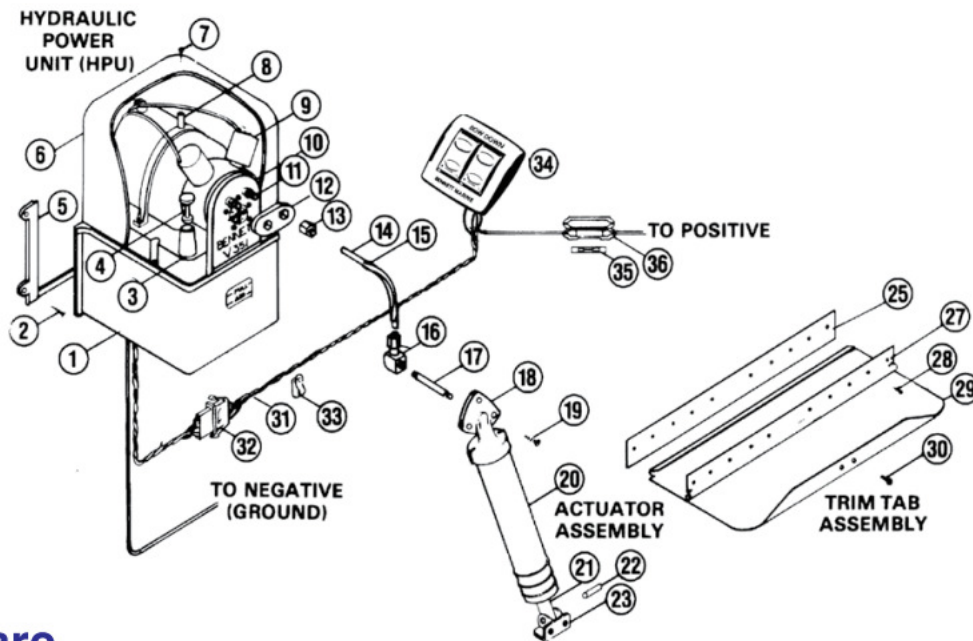


Connect to NMEA 2000 Cable. Kit includes Device Net Connectors.



bennett trim tabs

accessories and hardware



Hardware

Part Number	Description
1 499/301	VP1139 Fluid Reservoir
4 499/304	VP1140 Filler Plug
5 499/305	H1179 Mounting Bracket for HPU
6 499/306	VP1138 Lexan Cover
8 499/308	VP1142 Motor Strap
9 499/309	VP1135R Solenoid Valve – Red Wire
9 499/309R24V	VP1135R24V Solenoid Valve – Red Wire – 24V
9 499/309G	VP1135G Solenoid Valve – Green Wire
9 499/309G24V	VP1135G24V Solenoid Valve – Green Wire – 24V
12 499/312	Hex Retainer
13 499/313	T1127 Nut with Ferrule

Part Number	Description
14 499/314	T1125-20 Hydraulic Tubing – 20 foot coil
14 499/314/1	T1125 – Bulk Longer Hydraulic Tubing – Cost per foot over 20'
15 499/H1173	H1173 Tube Bending Clip
16 499/316	H1172 Female Elbow
17 499/317	H1171-3 Pipe Nipples – 3" 12", 4" and 5" also available)
18 499/318	A1103 Upper Hinge
18 499/318E	A1103EX Upper Hinge with External Line
19 499/319	H1174 #14 x 1-1/2" Full Threaded Screw (Upper Hinge Fastener)
22 499/322	Lower Hinge Pin
23 499/323	Lower Hinge
31 499/331	WH1000 Wire Harness – 22 feet
34 499/ES2000	ES2000 Euro-Style Rocker Switch Control

Retention Device

Constructed from 304 Grade Stainless Steel, the retention device is designed to take the load off the actuator when reversing down on game fish. A must for serious fishing boats.



Part Number	Description
499/RD001	Retention Device (per pair)

Other Hardware

Part Number	Description
499/313/1	Brass Line Tee Fitting
499/H1170A	Hardware Pack (Trim Tab Hydraulic Hardware)
499/H1170B	Dual Actuator Hardware Pack
499/VP1159	Valve Seat w/ "O" Ring



bennett trim tabs

hardware

Hydraulic Power Unit



A compact powerhouse that creates hydraulic pressure to lower and raise the trim tabs. It employs two solenoid valves to direct the flow of fluid to the actuators. The solenoid valves lock tightly to secure the tabs in place. Strength to lower and hold even the largest tabs in place. Lexan cover protects electrohydraulic unit from occasional wash down and translucent reservoir allows fluid check at a glance. Installs easily with sturdy mounting bracket. Measures 4" x 7 1/2" x 5 1/2". Uses automatic transmission fluid. Includes pump, solenoid valves, reservoir and cover.

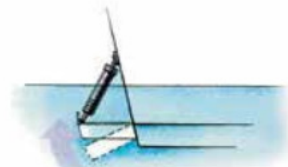
Part Number	Description
499/361	Hydraulic Power Unit – 12 Volt
499/362	V351HPU2 Hydraulic Power Unit – 24 Volt
499/041	V351HUC1E Hydraulic Unit Complete 12V – with Euro-Style Rocker Switch Control
499/041/2	V351HUC2E Hydraulic Unit Complete 24V – with Euro-Style Rocker Switch Control
499/042	V351HUCDE1 Hydraulic Unit Complete Dual Cylinders – with Euro-Style Rocker Switch Control
499/DAHPU1	DAHPU1 Dual Acting Hydraulic Power Unit — 12V
499/DAHPU2	DAHPU2 Dual Acting Hydraulic Power Unit — 24V

Auto Tab Retractor



Automatically retracts tabs when boat's ignition is turned off. Trailered or dry storage boats have added defense from trim tab damage with them "full-up" during hauling, trailering and storage. Ensures trim tabs are all the way up every time boat is started if boat is not equipped with trim tab indicators. Easily installed under the instrument panel, the ATR connects to the trim tab control and engine ignition switch.

Part Number	Description
499/103	Auto Tab Retractor 12 Volt
499/103/24	AR524 Auto Tab Retractor 24 Volt



Relay Module



A Relay Module reduces voltage drop in Trim Tab Systems with longer wire runs. With the older trim tab controls, RT1000 and RS1000, the Relay Module also functions as an Interrupter Relay and will prevent a fuse from blowing if Bow Down and Bow Up are inadvertently pressed at the same time.

Part Number	Description
499/RM12	RM12 Relay Module 12 V
499/RM24	RM24 Relay Module 24 V

bennett trim tabs

hatch lifters

Hatch Lifters

Using proven hydraulic technology, Bennett Hatch Lifter Systems raise hatches at the push of a button. The operation is quiet, smooth and responsive with no cylinder drift. Retrofit Hatch Lifting Systems can be operated by the Trim Tab Hydraulic Power Unit. Kits are complete with all necessary hardware, tubing and fittings for simple Hatch Lifter installations. Independent Systems include the Trim Tab Hydraulic Power Unit. Independent Dual Acting Systems also available for applications that need a return "pull and hold" feature.



Features

- Single cylinder has about 250 lbs. of vertical lifting capability
- 3/4-inch diameter stainless steel shaft, inside a black anodized aluminum cylinder
- Standard stroke is 18 inches with 12- and 24-inch strokes also available
- Dual cylinder systems can move simultaneously or independently



Single Acting, Retrofit (Existing Pump)

Part Number	Description
499/901/1	Retrofit Kit – 12" Single Cylinder
499/911/1	Retrofit Kit – 18" Single Cylinder
499/917/1	Retrofit Kit – 24" Single Cylinder
499/902/1	Retrofit Kit – 12" Dual Cylinder Simultaneous Movement
499/912/1	Retrofit Kit – 18" Dual Cylinder Simultaneous Movement
499/918/1	Retrofit Kit – 24" Dual Cylinder Simultaneous Movement
499/903/1	Retrofit Kit – 12" Dual Cylinder Independent Movement
499/913/1	Retrofit Kit – 18" Dual Cylinder Independent Movement
499/919/1	Retrofit Kit – 24" Dual Cylinder Independent Movement

Single Acting, Independent Pump

Part Number	Description
499/901/1	Independent Kit – 12" Single Cylinder
499/911/1	Independent Kit – 18" Single Cylinder
499/917/1	Independent Kit – 24" Single Cylinder
499/902/1	Independent Kit – 12" Dual Cylinder Simultaneous Movement
499/912/1	Independent Kit – 18" Dual Cylinder Simultaneous Movement
499/918/1	Independent Kit – 24" Dual Cylinder Simultaneous Movement
499/903/1	Independent Kit – 12" Dual Cylinder Independent Movement
499/913/1	Independent Kit – 18" Dual Cylinder Independent Movement
499/919/1	Independent Kit – 24" Dual Cylinder Independent Movement

Dual Acting, Independent Pump

Part Number	Description
499/931	Independent Kit Dual Act – 12" Single Cylinder
499/932	Independent Kit Dual Act – 18" Single Cylinder
499/933	Independent Kit Dual Act – 24" Single Cylinder
499/934	Independent Kit Dual Act – 12" Dual Cylinder
499/935	Independent Kit Dual Act – 18" Dual Cylinder
499/936	Independent Kit Dual Act – 24" Dual Cylinder



Hatch Lifter Components

Part Number	Description
499/HL12M	2 Valve Manifold – 12 Volt
499/HL12M4	4 Valve Manifold – 12 Volt
499/HL12C	Cylinder Only 12" Stroke
499/HL12CDA	Cylinder Only 12" Stroke – Dual Acting
499/HL18C	Cylinder Only 18"
499/HL18CDA	Cylinder Only 18" Stroke – Dual Acting
499/HL24C	Cylinder Only 24"
499/HL24CDA	Cylinder Only 24" Stroke – Dual Acting
499/RS1001HL	Single Rocker Switch
499/DAHPU1	Dual Acting Hydraulic Power Unit – 12V
499/DAHPU2	Dual Acting Hydraulic Power Unit – 24V
499/HL1000HB	Hatch Lifter Hardware Pack for HL1000
499/MKHL1000	Cylinder Mounting Kit
499/MKHL2000	Cylinder Mounting Kit

SST

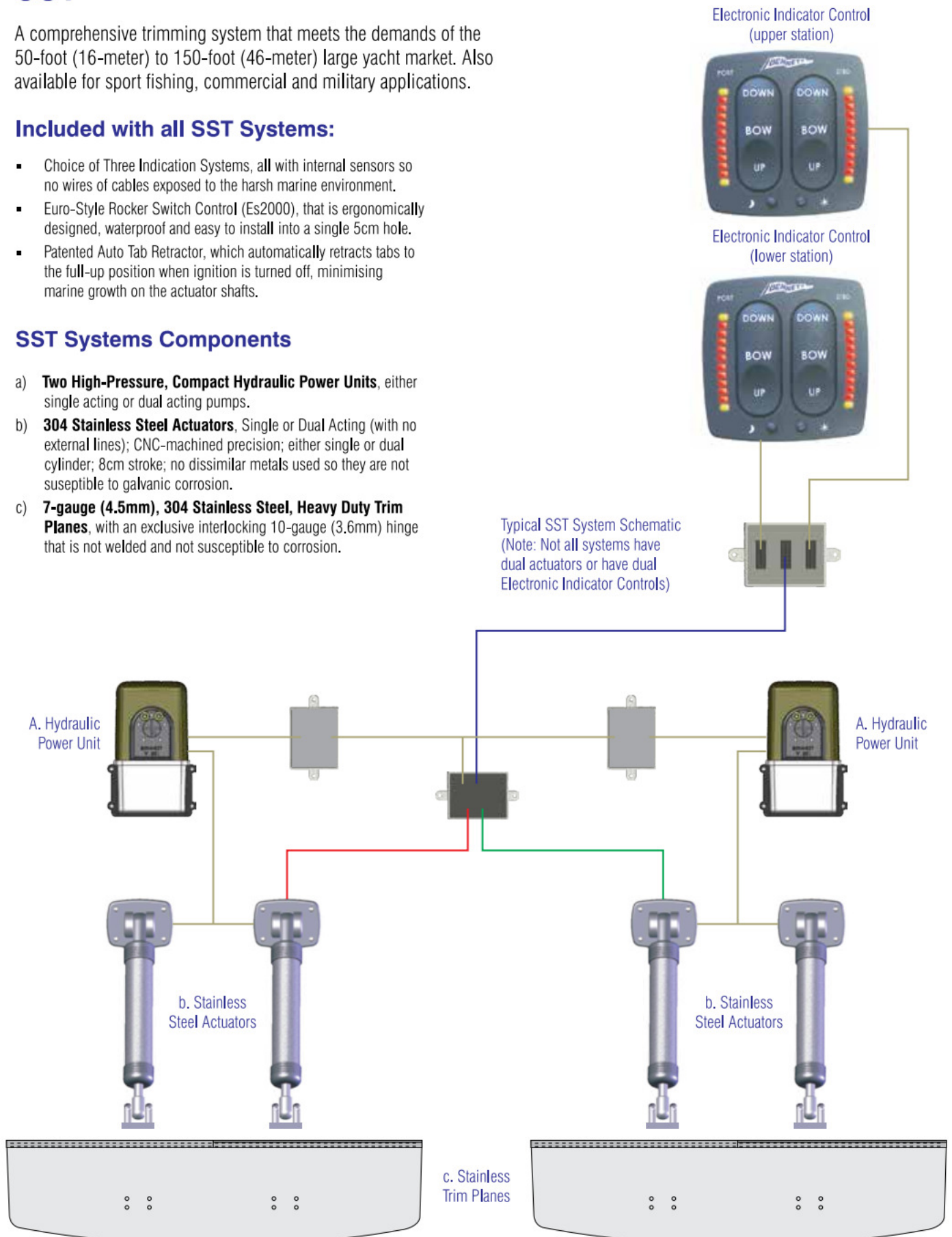
A comprehensive trimming system that meets the demands of the 50-foot (16-meter) to 150-foot (46-meter) large yacht market. Also available for sport fishing, commercial and military applications.

Included with all SST Systems:

- Choice of Three Indication Systems, all with internal sensors so no wires or cables exposed to the harsh marine environment.
- Euro-Style Rocker Switch Control (Es2000), that is ergonomically designed, waterproof and easy to install into a single 5cm hole.
- Patented Auto Tab Retractor, which automatically retracts tabs to the full-up position when ignition is turned off, minimising marine growth on the actuator shafts.

SST Systems Components

- Two High-Pressure, Compact Hydraulic Power Units**, either single acting or dual acting pumps.
- 304 Stainless Steel Actuators**, Single or Dual Acting (with no external lines); CNC-machined precision; either single or dual cylinder; 8cm stroke; no dissimilar metals used so they are not susceptible to galvanic corrosion.
- 7-gauge (4.5mm), 304 Stainless Steel, Heavy Duty Trim Planes**, with an exclusive interlocking 10-gauge (3.6mm) hinge that is not welded and not susceptible to corrosion.



Marine Windshield Wiper System

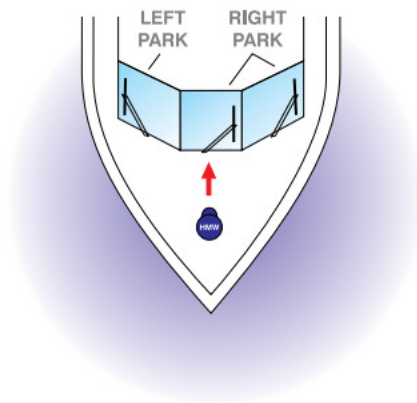
DOGA presents their range of marine windshield wiper systems, featuring components made from stainless steel with a special black chromate treatment or polished stainless steel finish.

DOGA marine wiper systems are available with wide range of washer systems. Complete marine wiper/washer systems, motors, arms, blades, bottles, pumps and accessories from one source, DOGA.

Guide

Wiper Park Position

Please note when ordering wiper system, parked position (left or right) is viewed looking aft from the bow.

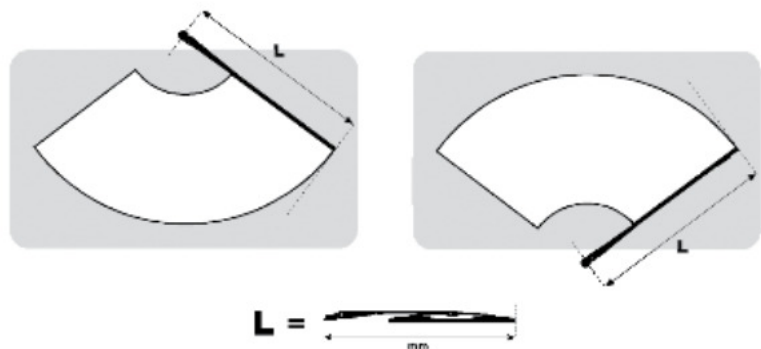


Wiping System with Simple Arms

See motor **116**.

To be installed up or down.

Maximum length (L): **750mm**



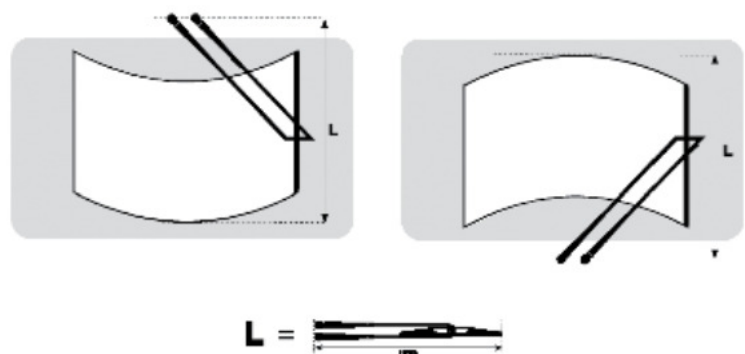
Wiping System with Pantographic Arms

See motor **116, 111 and 119**.

To be installed up or down.

Maximum length (L): **116: 750mm**

111: 900mm 119 : 1200mm



Switches to Suit Wiper Motors

For dependable control of windshield wipers on heavy duty vessels. These heavy duty wiper switches, have variable intermittent wipe and advanced electronics. Switches conform to SAE standard J112a for windshield wipers and J234 for windshield washers.

Features

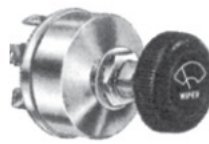
- For 12 Volt DC electrical systems, 24 Volt DC where noted.
- 4 Positions: Off/Park, Intermittent Range, Low and High.
- Push knob to actuate washer pump circuit - one to three wipes provided after knob released.
- Black plastic knob with metal insert and set screw, and white imprint.
- Die cast case 56.35mm square, 46.04mm long.
- Mounting Stem 7/16" - 28 thread.
- Supplied with hex nut and lock washer for mounting.
- For dependable control of windshield wipers on heavy duty vehicles



Variable Intermittent Switch

555/405

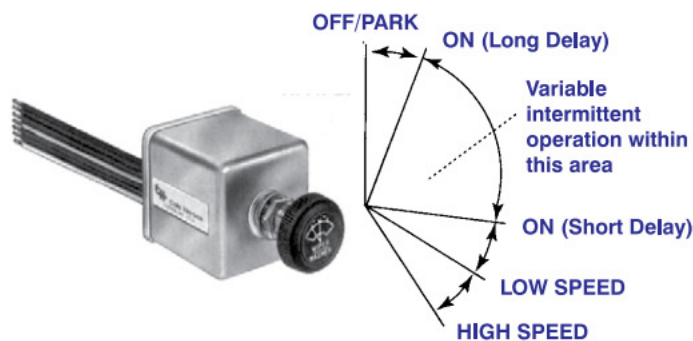
- Packard 6 way male connector
- Lead and connector assembly 142.9mm long
- 24 volt
- Dynamic Park



On/Off Switch

555/404

- For use with permanent magnet electric wiping motors with dynamic park, including most DOGA motors
- For 12/24 volt DC systems
- 3 positions: Off/Park, Low and High
- Single motor controls with Push and Wash
- Six blade terminals



5.8 Litre - Large Capacity Reservoir

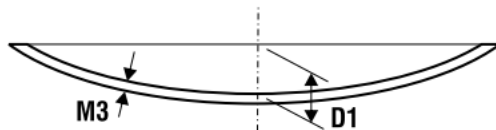
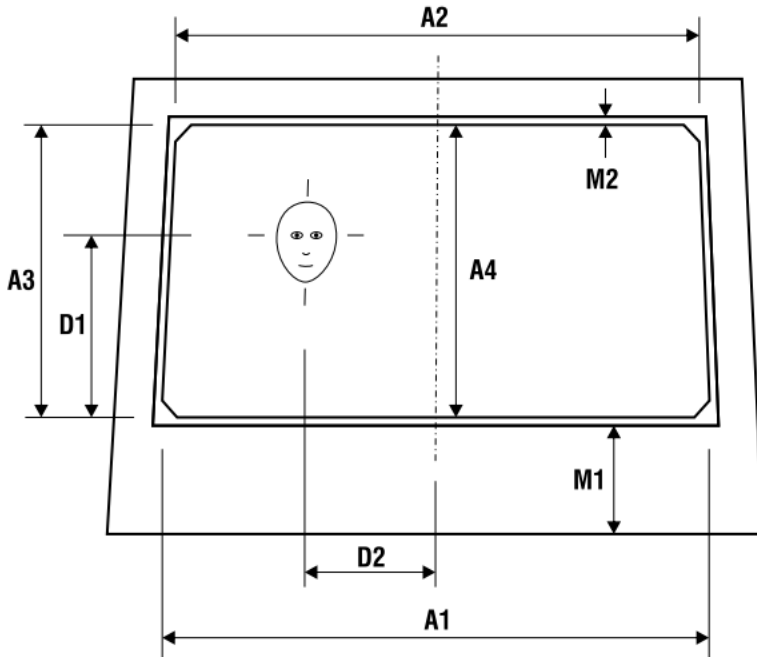
Large Capacity 5.8 Litre Reservoir with 12 or 24 Volt Motor.



Part Number	Description
555/451	12 Volt Motor
555/452	24 Volt Motor
Optional Slide Bracket Also Available	
555/459	Slide Bracket

Windshield Wiper Request Form

Please complete the below form and we will recommend the system that best suits your needs.



Windshield Measurements

A1 _____
A2 _____
A3 _____
A4 _____
A5 _____

Driver Position

D1 _____
D2 _____

Mounting Information

Assembly Room _____
M1 _____
M2 _____
Body Thickness _____
M3 _____

Other Information

Normal Voltage _____ Volts
Vehicle Type _____
Model _____
Estimated Quantity _____ Units

Contact Details

Name _____
Company _____
Address _____

Ph _____
Fax _____
Mobile _____

Comments

u-lineicemakers



If your passion is life on the water,
you'll want to include U-Line ice making
and refrigeration in your boating experience.

Consider sleek, elegant styling. Superior performance. Unique features. And a diverse product line that boasts the most complete selection of built-in, undercounter products in the industry. With U-Line Ice Makers and Combo® Ice Maker/Refrigerators on board, you can cast off assured of frosty refreshments for your entire crew and cruise!



First, let's talk about ice – and plenty of it. U-Line offers compact Ice Makers specifically designed for marine use that feature corrosive-resistant and UV-resistant components to withstand the outdoors.

Plus, U-Line Ice Makers offer these additional distinctive benefits:

- Makes lots of ice – fast! An abundant supply of ice cubes in a short time.
- Conserves water – producing over 20 lbs. of ice daily from only 2 3/4 gallons of water.
- Energy efficient.
- Requires no drain – easy installation.
- Available in 220/230V 50/60 cycle.
- Travel pin keeps door securely closed.
- Front venting allows for easy, built-in installation.



Origins Ice Makers

The Origins line is comprised of U-Line's original built-in, undercounter ice making, refrigeration and wine storage products, the most diverse in the industry. The Origins line boasts different size products with multiple models and features in each size. All units displayed are 220/230V 50/60 cycle.



BI-95



Part No.	Colour
493/BI95TP-20	Black
493/WH95TP-20	White
493/SS1095NF-20	Stainless Steel



BI-98



Part No.	Colour
493/BI98-20	Black
493/BI98WH-20	White
493/SS98-20	Stainless Steel

Features & Specifications for
all models available on Page 72



SP-18

Part No.	Colour
493/SP18B-20	Black
493/SP18WH-20	White

u-line fridge/ice makers



Part No.	Colour
493/C01175A-20	Black
493/C01175ASS-20	Stainless Steel



Features & Specifications for
all models available on Page 72

Part No.	Colour
493/C029BTP-20	Black
493/C029WHTP-20	White

Échelon Ice Makers

The Échelon line includes the most innovative, highly featured products in the built-in, undercounter appliance industry. Designed for improved performance, these unique models reduce sound by as much as 50%. Offering unparalleled choice, Échelon's inspired design makes a statement never seen before in this industry.



Part No.	Colour
493/BI2115-20	Black
493/BI2115W-20	White
493/BI2115SS-20	Stainless Steel

u-line icemakers

features & specifications

Features

Part No.	Colour	Accepts 1/4" Insert Door Panel	Field Reversible Door	Approx. Daily Ice Production (lb)	Ice Cube Storage Capacity (lb)	Defrost Technology (Manual)	Number of Shelves	Leveling Legs
493/BI95BTP-20	Black	✓	✓	25	12	✓		
493/WH95TP-20	White		✓	25	12	✓		
493/SS1095NF-20	Stainless			25	12	✓		
493/BI98-20	Black	✓	✓	23	25	✓		
493/BI98W-20	White	✓	✓	23	25	✓		
493/SS98-20	Stainless			23	25	✓		
493/SP18-20	Black		✓	20	12	✓		
493/SP18W-20	White		✓	20	12	✓		
493/CO1175A-20	Black	✓	✓	18	13	✓	3	
493/CO1175ASS-20	Stainless			18	13	✓	3	
493/CO29B-20	Black	✓	✓	18	13	✓	2	
493/CO29WH-20	White	✓	✓	18	13	✓	2	
493/BI2115-20	Black	✓	✓	25	25	✓		✓
493/BI2115W-20	White	✓	✓	25	25	✓		✓
493/BI2115SS-20	Stainless			25	25	✓		✓



Ice Maker Specifications

Part No.	Colour	Height mm	Width mm	Depth w. Door mm	Depth without Door mm	Grille Height mm	220/230V 50/60Hz CE Mark	Run Amps	Max Start Amps	Shipping Weight (Blk/Wht) kg	Shipping Weight (Stainless) kg
493/BI95BTP-20	Black	637	355	432	365	222	YES	1.25	9.0	29.7	
493/WH95TP-20	White	637	355	432	365	222	YES	1.25	9.0	29.7	
493/SS95-20	Stainless	637	355	432	365	222	YES	1.25	9.0		29.7
493/BI98-20	Black	695	378	508	441	216	YES	1.25	9.0	34.2	
493/BI98W-20	White	695	378	508	441	216	YES	1.25	9.0	34.2	
493/SS98-20	Stainless	695	378	508	441	216	YES	1.25	9.0		34.2
493/SP18-20	Black	470	354	450	441	70	YES	1.25	9.0	13.95	
493/SP18W-20	White	470	354	450	441	70	YES	1.25	9.0	13.95	
493/CO1175A-20	Black	867	606	610	545	79	YES	1.25	9.0	52.65	
493/CO1175ASS-20	Stainless	867	606	610	545	79	YES	1.25	9.0		53.5
493/CO29B-20	Black	724	529	610	545	114	YES	1.25	9.0	44.1	
493/CO29WH-20	White	724	529	610	545	114	YES	1.25	9.0	44.1	
493/BI2115-20	Black	867	378	602	545	79	YES	1.25	9.0	42.3	
493/BI2115W-20	White	867	378	602	545	79	YES	1.25	9.0	42.3	
493/BI2115SS-20	Stainless	867	378	602	545	79	YES	1.25	9.0		41.4

Marineflex

- Marine industry grade
- Ideal for bilge pump, dust extraction, LPG gas conversion etc.
- Light duty pressure suction
- Heavy duty air seeder
- Available in 20 metre lengths



Part No.	ID mm	OD mm	WP psi	Bending Radius mm	Coil Length m
300/MAR020	19	24	100	90	20
300/MAR025	25	31	100	92	20
300/MAR028	28.5	35	100	105	20
300/MAR032	32	37	80	114	20

Clear Vinyl Tube (CVT)

- Low pressure air and water transfer
- Available in 30m coils



Part No.	ID mm	OD mm	WP psi	Weight kg/coil	Coil Length
300/H1600630C	6	9.0	90	1.32	30
300/H1600830C	8	11.09	75	1.50	30
300/H1601030C	10	13.0	60	1.80	30
300/H1601230C	12.5	16.5	70	2.70	30
300/H1601630C	16	20.0	60	3.90	30
300/H1602030C	20	24.0	50	5.10	30
300/H1602530C	25	31.0	50	9.00	30

Fuel Hose

- Petroleum resistant outer cover
- Available in grey



Part No.	ID mm	OD mm	WP psi	BP psi	Weight kg/m	Coil Length m
300/H0200833G	8.0	14.4	224	896	0.15	33
300/H0201033G	10.0	16.4	224	896	0.17	33

Drinking Water / Non Tainting

- White outer cover
- Clear inner wall
- UV stabilised



Part No.	ID mm	OD mm	WP psi	Coil Length m
300/H0901220	12	17	145	20

White Sanitation Suction Hose

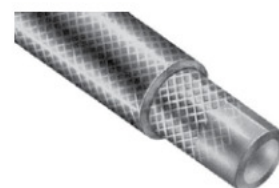
- Suction and delivery applications
- Ideal for marine effluent applications
- Low odour permeability
- Smooth bore cover
- Available in white



Part No.	ID mm	OD mm	WP psi	Vacuum M/h2O	Bending Radius mm	Coil Length m
300/SAN020	19	25	45	8	130	20
300/SAN025	25	32	39	8	160	20
300/SAN038	38	46	29	7	230	20

Water Tube

- Translucent petroleum resistant outer cover
- Clear inner wall



Part No.	ID mm	OD mm	WP psi	BP psi	Weight kg/m	Coil Length m
300/H0200620W	6.0	11.4	224	896	0.13	20
300/H0200820W	8.0	14.4	224	896	0.15	20
300/H0201020W	10.0	16.4	224	896	0.17	20
300/H0201220W	12.5	18.9	224	896	0.20	20
300/H0201620W	16.0	23.0	224	896	0.24	20
300/H0202020W	20.0	27.8	224	896	0.43	20
300/H0202520W	25.0	35.0	224	896	0.56	20

flex gaurd sleeving

Flex Gaurd Sleeving

Flex gaurd comes in a variety of sizes to protect and cover cabling and pipework in every situation.

Features

- Not effected by UV, oil or fuel
- Available in black



Part No.	Size	Length (ft)
755/020	1/4"	1000
755/025	1/4"	50
755/030	3/8"	500
755/035	3/8"	50
755/040	1/2"	500
755/045	1/2"	50
755/050	3/4"	250

Part No.	Size	Length (ft)
755/055	3/4"	50
755/060	1 1/4"	250
755/065	1 1/4"	50
755/070	1 1/2"	250
755/075	1 1/2"	50
755/080	1 3/4"	250
755/085	1 3/4"	50

duralac

Duralac

Duralac is an anti-corosive joining compound. It is indispensable for coating joints between dissimilar metals, and also for the protection of metals in contact with wood, synthetic resin compositions, leather, rubber, fabrics and more.

Features

- Inhibits electrolytic corrosion of metals.
- Prepared from Barium chromate and inert filler, an elastic varnish medium of low moisture permeability and a corrosion inhibiting material.



Part No.	Description
081/101	Duralac Tube
081/102	Duralac Can 250ml
081/103	Duralac Can 500ml
081/104	Duralac Can 1L



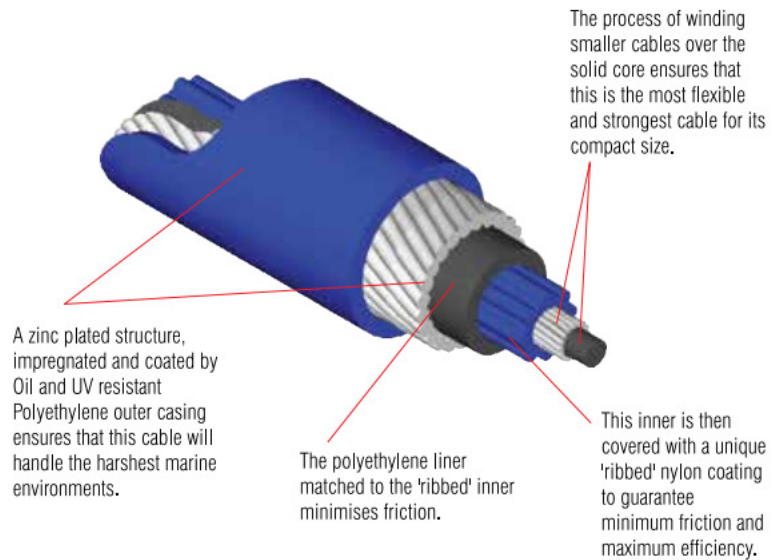
hi-lex control cables

Deluxe Marine Control Cables

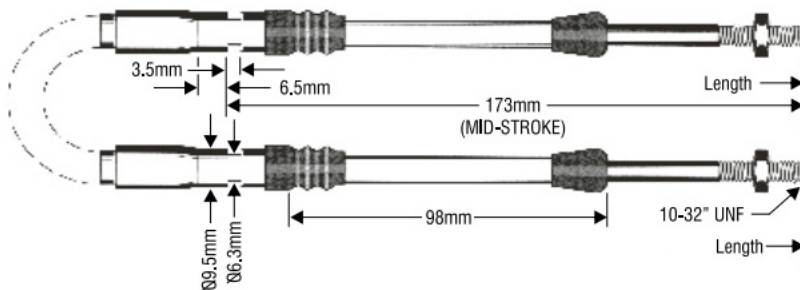
Hi-Lex Control Cables are designed specifically for marine use and are constructed from marine grade materials. Using a coated and longitudinally ribbed inner, increases Hi-Lex Control Cables efficiency in longer applications (recommended over 10m) and multiple routes. Suits Teleflex Morse and Ultraflex control heads, also Mariner and Crysler outboard, stern drives, and most inboard engines.

Features

- Provides a light, smooth operation feeling
- Minimum bending radius of 165R
- Stainless steel construction make it suitable for marine application.
- Available in stock lengths: 2m to 8m, in 1/4m increments. Also available with 4" Stroke (Part No. DC41 x Length).



Control Cable Dimensions



Control Cable Specifications

Part No.	Length (ft)	Part No.	Length (ft)
DM9FT	9	DM26FT	26
DM10FT	10	DM28FT	28
DM11FT	11	DM30FT	30
DM12FT	12	DM32FT	32
DM13FT	13	DM34FT	34
DM14FT	14	DM36FT	36
DM15FT	15	DM38FT	38
DM16FT	16	DM40FT	40
DM17FT	17	DM45FT	45
DM18FT	18	DM50FT	50
DM19FT	19	DM55FT	55
DM20FT	20	DM58FT	58
DM22FT	22	DM60FT	60
DM24FT	24		



Sinks

Our sinks come in a range of shapes and sizes so you can choose one to best fit your available space and requirements.

Features

- Made from 18/10 Grade Stainless Steel
- All sinks have a standard waste of 25mm diameter.

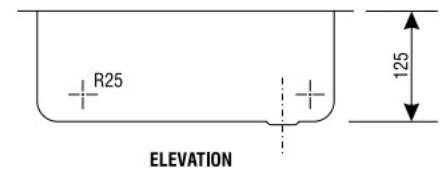
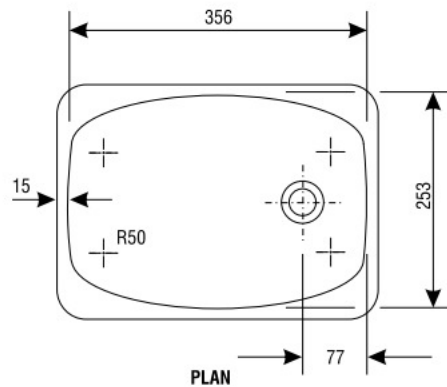


Rectangular Sink

Part No. 453/001



Dimensions

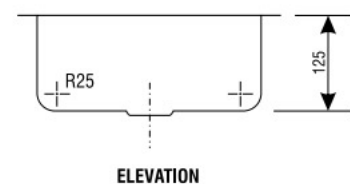
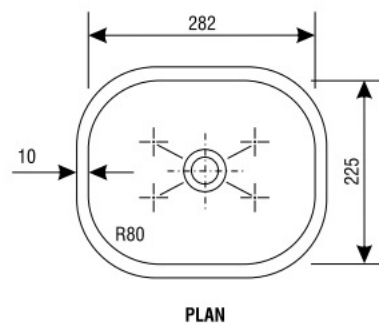


Oval Sink

Part No. 453/004



Dimensions

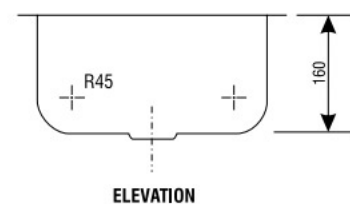
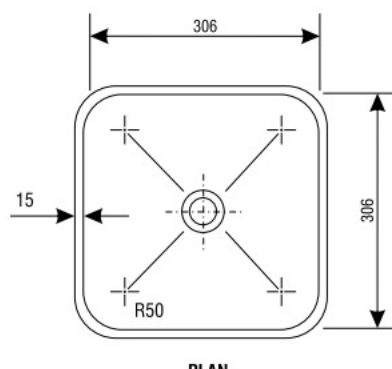


Square Sink

Part No. 453/003



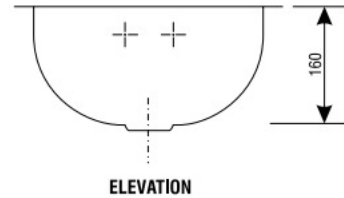
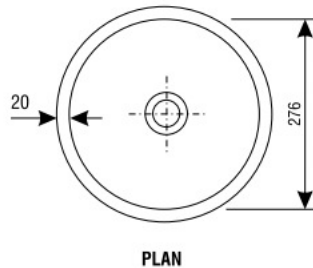
Dimensions



Round Sink

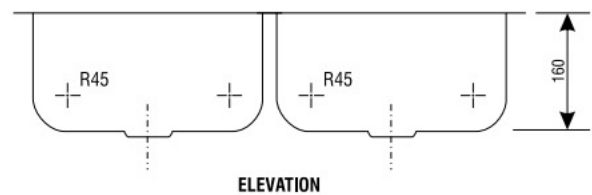
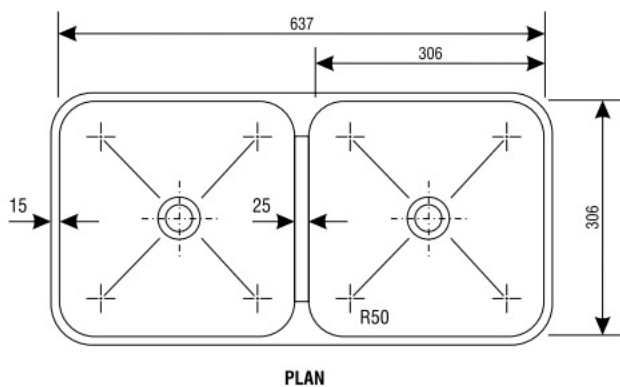
Part No. 453/007

Dimensions



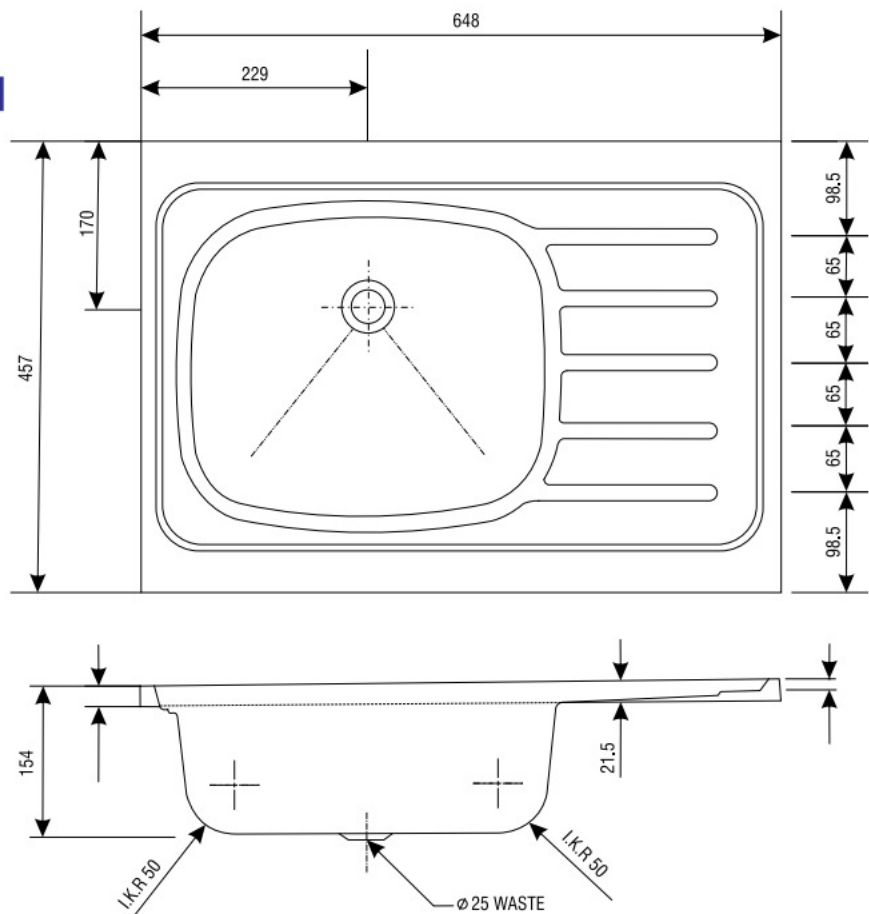
Square Double Sink

Part No. 453/002



Rectangular Sink with Draining Board

Part No. 453/005



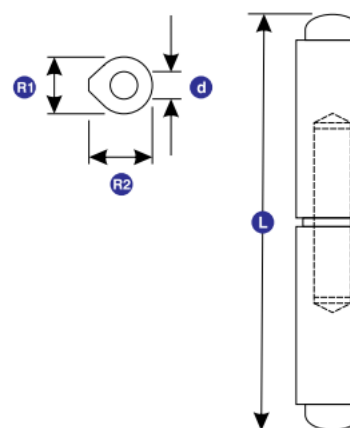
Weld-on Hinges

Made from Aluminium, these weld-on hinges have a slim design, great for installation with limited mounting area. They are ideal for use in areas with limited space, once installed the hinged article (ie. door) can be easily removed to gain better access.

Profile: Aluminium (AlMg SI 0,5)
Pin: Stainless Steel 304 (1.4305)
Type: Fixed
Washer: Stainless Steel 304 (1.4305)
Grease Fitting: None



Weld-on Hinge Dimensions



Weld-on Hinge Specifications

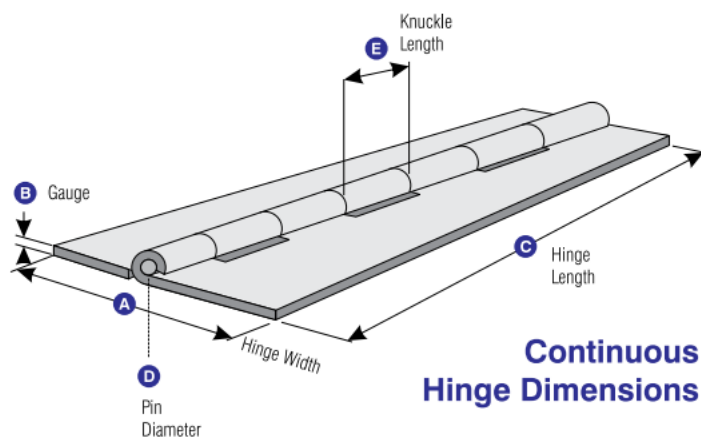
Part No.	L Length	R1 Radius 1	R2 Radius 2	d Pin Diameter	Weight (g)
179/017	100	16	20	10	7.7
179/018	150	20	25	13	18.5
179/018/1	180	20	25	14	24.5

Continuous Hinges

Our continuous hinges are constructed from 304 Stainless Steel making them perfect for marine applications. These hinges come un-drilled to suit your application.

Continuous Hinge Specifications

Part No.	A Width mm	B Gauge mm	C Length mm	D Diameter mm	E Knuckle mm	Pin Material
179/992	32	1.2	1840	3.00	20	s/steel
179/993/2	40	1.5	1800	4.00	20	s/steel

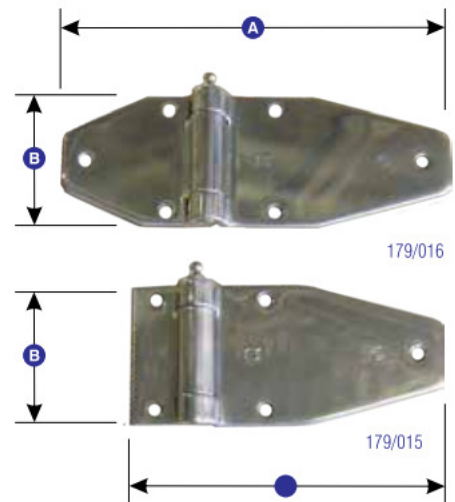


Continuous Hinge Dimensions

Flap Hinge with Grease Nipple

This hinge is made from a flat stamped 3mm Stainless Steel plate and has a Stainless Steel pin with grease tunnel.

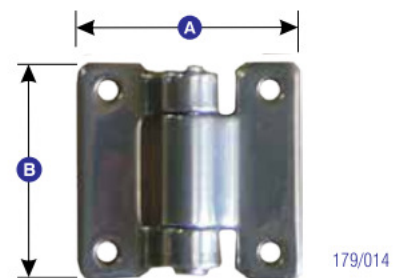
Part No.	Description	^A Length mm	^B Length mm	Pin Material
179/015	Flap Hinge with Grease Nipple	146	65	s/steel
179/016	Flap Hinge with Grease Nipple	186	65	s/steel



Heavy Duty Hinge

Pressed, 4mm thick, polished marine grade Stainless Steel with a solid 8mm pin.

Part No.	Description	^A Length mm	^B Width mm	Material
179/014	Heavy Duty Hinge	60	60	s/steel

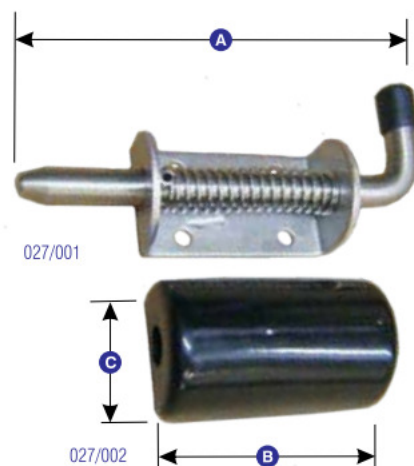


spring bolts

Spring Bolts

This heavy duty spring bolt is constructed from 304 Grade Stainless Steel. It is ideal for use on marlin doors or similar. Black plastic cover available.

Part No.	Description	^A Length mm	^B Length mm	^C Width mm	Material
027/001	Spring Bolt	150			s/steel
027/002	Spring Bolt Cover		74	42	plastic



Spring Bolt Dimensions

Ships Bolt Catch

Chrome plated brass bolt that has an authentic look to suit old style cabins.



Part No.	Description	Length mm	Material
050/011	Ships Bolt Catch	57	chrome plated brass

latch set

Latch Set

Chrome plated round knob and lever handle. Locked inside with deadbolt.



Part No.	Description	Material
277/001	Latch Set	chrome plated brass

deck plates

Deck Plates

Strong solid casting with easy action thread.
For survey, character and D.O.T. approved boats.

Part No.	Description	Size	Material
080/201	Deck Plate	100	Bronze
080/203	Deck Plate	150	Bronze
080/204	Deck Plate	200	Bronze
080/301	Deck Plate	100	Alloy
080/302	Deck Plate	150	Alloy
080/303	Deck Plate	200	Alloy
080/401	Deck Plate	100	Chrome Plated Bronze (CPB)
080/402	Deck Plate	150	Chrome Plated Bronze (CPB)
080/403	Deck Plate	200	Chrome Plated Bronze (CPB)

NOTE Spare keys available on request.



Transom Scupper Drain

Constructed from marine grade aluminium and fitted with stainless steel spring stays, to hold the door closed against the seals. The scupper allows water to quickly drain from the cockpit. Available in plain alloy or white powder coated.

Cutout sizes Small 63 x 110mm
Large: 100 x 190mm

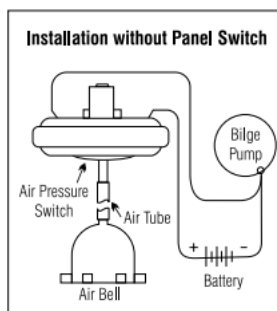


Part No.	Description	Size	Material
495/001	Transom scupper drain	small	alloy
495/002	Transom scupper drain	large	alloy
495/011	Transom scupper drain	small	white
495/012	Transom scupper drain	large	white
495/009	Scupper drain kit (seal & spring)	small	
495/010	Scupper drain kit (seal & spring)	large	

Groco Air Switch

The Groco Automatic Bilge Pump Switch or Air Switch is suitable for both 12V and 24V applications. Activated by air pressure the switch itself can be mounted up to 900mm from the sender so there are no moving or electrical parts in the water.

Part No.	Description
152/501	Groco Air Switch



air switch

grommets & slop stoppers

Motor Well Grommets & Slop Stoppers

Our motor well grommets and slop stoppers are made from moulded neoprene and are available in oval or round.

Part No.	Description	Shape	A	B	Material
			Length mm	Width mm	
153/001	Motor Well Grommet	Oval	115	65	neoprene
153/002	Motor Well Grommet	Round	70	70	neoprene
153/001	Motor Well Slop Stopper	Oval	115	65	neoprene
153/002	Motor Well Slop Stopper	Round	70	70	neoprene



Bondeck Boat Decking

Bondeck is widely used by the Australian boat building industry to mould a non slip finish into decks. Bondeck boat decking is made with three coats of PVC with a heavy emboss, ensuring a non slip finish. Suitable for marine use or anywhere that safety and non slip is required. Available in a 30m roll or to a cut length.

Features

- Surface free from imperfections
- Material has passed a five minute ethyl acetate fusion test
- Available in grey only



Bondeck Specifications

Part No.	Length	Width	Gauge (AS1441.3)	Weight (AS1441.2)	Coating Adhesion	Color
037/001	Per metre	137cm	0.95mm (min)	700g/m ² (+ -25g/m ²)	40N/50mm (min)	Grey Only
037/011	30m roll	137cm	0.95mm (min)	700g/m ² (+ -25g/m ²)	40N/50mm (min)	Grey Only

INSTALLATION NOTE Selfedges must be clean slit and constant.

trim-lok edge moulding

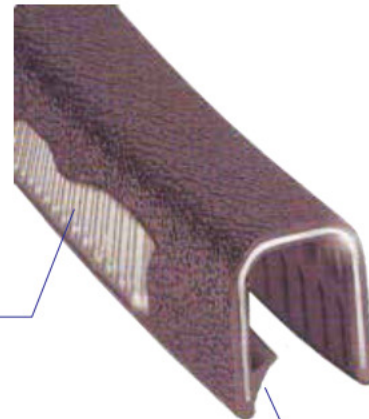
Trim-lok Edge Moulding

Trim-Lok is a flexible PVC trim with individual internal metal clips and gripping tongue to provide a stronger grip. Trim-Lok is great for covering raw or sharp edges.

Features

- Flexible and easy to install
- Suits many applications, ideal for marine applications
- Designed to suit large temperature range (-20 to +150 degrees)
- Outer coating - Vinyl PVC Hardness 85 Durometer (Shore A)
- Internal Clip Material Aluminum or Steel
- Available in Black and White

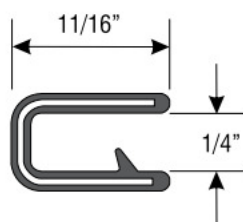
Individual metal clips retain a permanent grip



Stronger gripping tongue

Part No.	Colour	Length (ft)
101/102	White	76m
101/101	Black	76m

Edge Mould Dimensions



terms & conditions

Terms & Conditions

Pricing

Prices quoted are correct at time of printing but are subject to change at any time without notice

Ownership/Title/Risk

Ownership in all products supplied remains with Harrold Marine Wholesale Pty Ltd until all outstanding invoices are paid in full.

The risk in any goods supplied by Harrold Marine Wholesale Pty Ltd to the customer shall pass when goods are delivered to the customer or into the custody of another party on the customer's behalf.

Harrold Marine Wholesale Pty Ltd shall have, without prejudice to any other rights or remedies it may have, the irrevocable right and license to enter upon any premises occupied by the customer to recover and retake possession of any goods which are the property of Harrold Marine Wholesale Pty Ltd and which are believed by Harrold Marine Wholesale Pty Ltd to be on the premises.

Transport

Goods will be despatched via our contract carriers unless otherwise advise by the purchaser.

Short Supply

Harrold Marine Wholesale Pty Ltd accepts no responsibility for deliveries where the purchaser signs for an incorrect number of parcels received at the purchasers' premises, nor for goods short supplied which have not been notified within 48 hours of being delivered. The purchaser shall check all deliveries immediately upon receipt.

Goods being returned

Goods being returned must be in "new" condition, in their original boxes/packaging and must be accompanied with a copy of the relevant delivery docket/invoice and written reason for the return. Special non-standard or custom length items can not be returned. Freight charges for returns for credit are at the senders cost unless we are at fault and goods are returned by our nominated carrier by previous arrangement with Harrold Marine Wholesale Pty Ltd



HARROLD MARINE WHOLESALE

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E sales@harroldmarine.com.au



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