



## ANCHORING & MOORING

Anchor Selection Guide	317
Lewmar® Anchors – C.Q.R®, Delta® & DTX®	318
BLA Anchors – Sand, Self Align, Plough & Grapnel	320
BLA Anchors – Reef, Folding & Sea	322
BLA Anchor Rope & Chain	324
Stainless Steel Chain	325
Shackles, Thimbles, Links & Swivels	327
Rope – Silver, Mooring, Braided & Cord	330
Boat Hooks	331
Fenders, Fender Systems & Buoys	332
Dan-Fender® Buoy/Fender	332
Dan-Fender® Fender2Step	334
Anchor Retrieval Systems & Floats	336



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## Anchoring & Mooring

Anchoring, mooring, tying up, all require certain techniques and appropriate ground tackle to ensure safe and secure anchoring is achieved. Basic anchoring consists of common sense, determining the location, dropping the anchor, laying out the rope and chain, and assessing where the vessel ends up.

Every situation will be different but the basics remain the same; determine a suitable location, survey the surrounds (GPS, chart or sounder often confirm your visual view), be mindful of prevailing wind, tide and other vessels.

If the location is good, approach from the stronger down wind or down current and as you arrive at the desired location, the vessel should be stopped and the anchor quickly lowered, remaining under control, creating a relatively straight lie for the rope and/or chain.

When feeding out the rope or chain a general rule of thumb in generally smooth water is to let out a minimum of three times the depth of water to set the anchor and between five and seven times the depth if you are to stay at anchor and the surrounds permit. The vessel should then be gently put astern to help set the anchor and to provide indications of possible dragging. If the anchor continues to drag, or sets after having dragged too far, it should be retrieved and moved back to the desired position or another location chosen.

### *What constitutes the right anchor for the type of bottom and what's the best — rope or chain?*

#### **Sand Anchor**

The most popular of all anchors. Suitable for use in mud or sand. Generally fitted with a retrieval eye for ease of removal if snagged. Stows flat and generally finished in hot dipped galvanising for longevity.



#### **Reef Anchor**

Suited to temporary reef anchoring. If snagged in reef conditions the prongs are designed to straighten with the retrieval load. Vessels anchored with reef anchors should not be left unattended. Finished in hot dipped galvanising.



#### **Plough Anchor**

Ideal for sand and mud bottoms. Provides safe and sure anchoring for heavier craft. Generally fitted with a retrieval eye for ease of removal if snagged. Lead filled tip aids in setting the anchor. Generally finished in hot dipped galvanising but also popular in 316 grade stainless steel.



#### **Lewmar® Anchor**

Lewmar brand anchors are world leaders in anchor technology. Models such as Delta® and CQR® are often recognised as benchmark designs and are highly regarded worldwide. Delta®, CQR® and DTX® anchors all have Lloyd's Type Approval which is a testament to the performance and durability of these products.



#### **Self Aligning Anchor**

Suited to sand and mud bottoms. Self align anchors roll upright, irrespective of initial drop altitude, within two shank lengths of engaging the seabed. High holding power is obtained by the highly efficient fluke and shank design. Low retrieval force results from the short, broad, single fluke. Retrieval force is generally 30% of the prior holding power. Generally finished in hot dipped galvanising but also popular in cast 316 grade stainless steel.



#### **Rope**

The primary advantages of rope is its inherent elasticity which creates a shock absorbing effect and its relative light weight. Common types include three strand 'silver' (polyethylene staple), three strand nylon (premium rope with excellent elasticity and recoil) and three strand polyester. With the introduction of large drum type rope spoolers an eight or sixteen plait rope is often employed for its non-kink characteristics.



#### **Chain**

The primary advantage of chain is its inherent weight and that it will not chafe over aggressive sea beds as will rope. The obvious disadvantage when primarily stored in an anchor locker in the bow is its weight. In light winds chain gives a perfect horizontal pull to the anchor and the best holding. In moderate wind, its weight provides for a perfect shock absorbing effect but in strong winds can become tight, increase the jarring effect and possibly dislodge the anchor.

Stainless steel chain is mainly used in situations where there is exposure to water / seawater such as boating and yachting. It has excellent corrosion resistance. Stainless steel chain is suitable for day anchoring but is not recommended for long term anchoring as it can work-harden the chain, making it susceptible to cracking.

Galvanised chain offers a high degree of weather and corrosion protection. It is recommended for industrial, commercial or any environment where the aesthetic appearance is of less importance than weather protection.



# Anchor Selection Guide

## BLA Plough Anchor

BLA Code	Anchor Weight		m	Boat Length Overall														
				4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	kg	lbs	ft	13.1	16.4	19.7	22.9	26.2	29.5	32.8	36	39.4	42.7	45.9	49.2	52.5	55.8	59.1
146152	4.5	10																
146154	6.8	15																
146156	9	20																
146158	12.3	27																
146160	15.9	35																
146162	20.4	45																
146164	27.2	60																
146166	36.3	80																
146168	45.4	100																
Recommended nylon mm				8	8	10	10	12	12	16	16	16	20	20	20	22	24	24
Recommended chain size mm				6	6	8	8	8	10	10	10	10	13	13	13	13	13	13

N.B. The lighter shading represents the upper limit of the model. If in doubt, select the next model up.

## BLA Sand Anchor

BLA Sand Anchor			Boat Length Overall																
BLA Code	Anchor Weight		m	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	kg	lbs	ft	9.8	13.1	16.4	19.7	22.9	26.2	29.5	32.8	36	39.4	42.7	45.9	49.2	52.5	55.8	59.1
146042	1.4	3																	
146044	1.8	4																	
146046	2.7	6																	
146048	3.6	8																	
146050	4.5	10																	
146052	5.9	13																	
146054	7.3	16																	
146060	10	22																	
146062	12.3	27																	
146064	15.9	35																	
146066	20.4	45																	
146070	27.2	60																	
146072	36.3	80																	
146074	45	100																	
Recommended nylon mm				6	6	8	8	10	12	12	16	16	16	20	20	22	22	22	22
Recommended chain size mm				6	6	8	8	8	8	10	10	10	10	13	13	13	13	13	13

N.B. The lighter shading represents the upper limit of the model. If in doubt, select the next model up.

## Lewmar® C.Q.R.® Anchor

BLA Code			Boat Length Overall							
Anchor Weight		m	6	9.2	12.2	15.2	18.3	21.3	24.4	
kg	lbs	ft	20	30	40	50	60	70	80	
146155	7	15								
146157	9	20								
146159	11	25								
146161	16	35								
146163	20	44								
146165	27	60								
146167	34	75								
146169	48	105								
Recommended nylon mm			8	12	16	20	22	24	24	
Recommended chain size mm			6	8	8	8	10	10-13	13	

N.B. The lighter shading represents the upper limit of the model. If in doubt, select the next model up.

## Lewmar® Delta® Anchor

BLA Code Gal	BLA Code SS	Anchor Weight		m	Boat Length Overall					
					6	9.2	12.2	15.2	18.3	21.3
		kg	lbs	ft	20	30	40	50	60	70
146220		4	9							
146222	146240	6	14							
146224	146242	10	22							
146226	146244	16	35							
146228	146246	20	44							
146230	146248	25	55							
146233	146250	32	70							
146234		40	88							
Recommended nylon mm					8	12	16	20	22	24
Recommended chain size mm					6-7	8	8	10	10	10

N.B. The lighter shading represents the upper limit of the model. If in doubt, select the next model up.



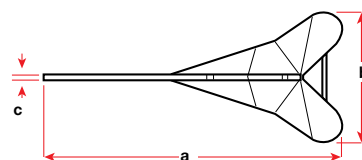
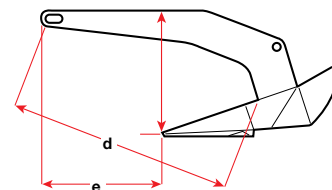
### Lewmar® Anchor - Delta® Manganese Steel

The original Delta® design from Lewmar® is recognised the world over as an outstanding anchor with exceptional holding power. Manufactured to exacting standards the Delta® is constructed from high grade manganese steel giving it maximum tensile strength. The unique shank profile and ballasted tip plus low centre of gravity and self-righting geometry ensure that the Delta anchor will set immediately. The design profile and ballasted tip also means that the anchor self launches with ease. The Delta's consistent and reliable performance is backed by a lifetime guarantee against breakage<sup>1</sup>, has Lloyd's Approval<sup>2</sup> as a High Holding Power anchor and is specified as the primary anchor used by numerous national organisations worldwide. The Delta® anchor is also made available in premium grade Duplex/High Tensile stainless steel.

<sup>1</sup> Damage by deformation or bending is not covered by this guarantee.

<sup>2</sup> Lloyd's Test Certificate is available for individual anchors by arrangement.

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BLA Code Gal	BLA Code S/Steel	Weight kg	Weight lb	Suggested Chain Size	a mm	b mm	c mm	d mm	e mm
146220		4	9	6-7	514	228	8	387	210
146222	146240	6	14	6-7	595	263	10	450	241
146224	146242	10	22	8	695	308	12	526	283
146226	146244	16	35	8	812	360	12	614	334
146228	146246	20	44	10	877	389	16	663	361
146230	146248	25	55	10	945	417	16	713	384
146233	146250	32	70	10	1026	455	26	774	417
146234		40	88	10	1099	489	20	885	446



## Lewmar® Anchor - DTX® Stainless Steel

The DTX® anchor fills the gap between the existing galvanised and stainless steel Delta® anchors. Made from 316 grade stainless steel, The DTX® anchors feature exceptional anti-corrosion performance and the enhanced aesthetics that stainless anchors offer. Utilising lead ballast encapsulated within the tip of the anchor to achieve the perfect centre of gravity, the DTX® offers the initial bite and holding reliability that users of Delta® anchors have come to expect. Every DTX® anchor is certified to Lloyd's Ordinary Holding Power standard and is warranted for 3 years against breakage<sup>1</sup>.

<sup>1</sup> Damage by deformation or bending is not covered by this guarantee.

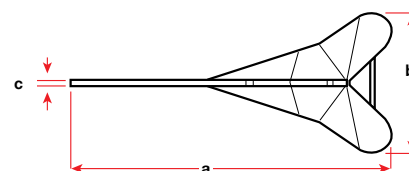
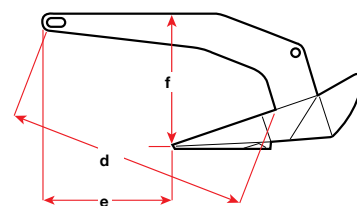


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146374



BLA Code S/Steel	Weight kg	Weight lb	Suggested Chain Size	a mm	b mm	c mm	d mm	e mm	f mm
146370	6	14	6	593	265	10	450	243	254
146372	10	22	8	695	310	12	526	282	292
146374	16	35	8	812	362	12	614	328	339
146376	20	44	10	877	392	16	663	357	268
146378	25	55	10	945	415	16	713	387	298
146380	32	70	10	1023	453.5	20	775	425	432
146382	40	88	10	1103	489	20	883	437	461
146384	63	139	13	1270	567	25	963	508	537

## Lewmar® Anchor - C.Q.R.® Galvanised

The fabricated C.Q.R.® anchor has gained international status for its superior performance and strength. The construction of the C.Q.R.® anchor increases its strength and reliability under load, a genuine C.Q.R.® anchor will not break. The anchor's flute design and hinged shank delivers consistent setting and holding even in the very worst conditions. The C.Q.R.® anchor is guaranteed for life against breakage<sup>1</sup> and has Lloyd's Approval<sup>2</sup> as a High Holding Power anchor.

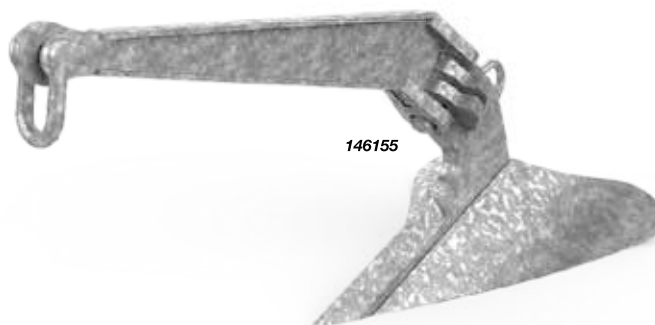
<sup>1</sup> Damage by deformation or bending is not covered by this guarantee.

<sup>2</sup> Lloyd's Test Certificate is available for individual anchors by arrangement.

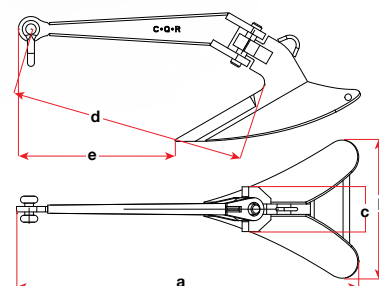


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LEWMAR®



146155



BLA Code	Weight kg	Weight lb	Suggested Chain Size	a mm	b mm	c mm	d mm	e mm
146155	7	15	6	626	253	82	439	287
146157	9	20	8	690	279	86	484	313
146159	11	25	8	740	299	90	522	336
146161	16	35	8	827	335	94	584	373
146163	20	45	10	901	366	100	635	405
146165	27	60	10	989	402	106	700	445
146167	34	75	10-13	1071	435	112	754	481

## BLA Sand Anchoring Kit

### - Galvanised

Complete anchoring kit comprising of a galvanised sand anchor, galvanised chain, two galvanised 'D' shackles and silver rope with a stainless steel thimble spliced in one end. Kit supplied in clear shrink wrapped plastic. Heavy duty hot dipped galvanised finish. Also available boxed (part numbers with 'B').



BLA Code	Anchor Size	Chain Dia.	Chain Length	Shackle	Rope Length	Rope Dia.	Approx Boat Length
		mm	mm	mm	m	mm	m
146013	4S	6	2	6	30	6	3
146013B	4S	6	2	6	30	6	3
146014	4S	6	2	6	50	6	3
146014B	4S	6	2	6	50	6	3
146023	4S	6	4	6	50	6	4
146023B	4S	6	4	6	50	6	4
146015	6S	6	2	6	30	6	4
146015B	6S	6	2	6	30	6	4
146016	6S	6	2	6	50	6	4
146016B	6S	6	2	6	50	6	4
146024	6S	6	4	6	50	6	4
146024B	6S	6	4	6	50	6	4
146025	6S	6	2	6	30	8	4
146025B	6S	6	2	6	30	8	4
146026	6S	6	2	6	50	8	4
146026B	6S	6	2	6	50	8	4
146017	8S	8	2	8	30	8	4
146017B	8S	8	2	8	30	8	4
146018	8S	8	2	8	50	8	5
146018B	8S	8	2	8	50	8	5
146028	8S	8	4	8	50	8	5
146028B	8S	8	4	8	50	8	5
146029	8S	6	4	8	50	10	5
146029B	8S	6	4	8	50	10	5
146034	8S	8	2	8	110	8	5
146019	10S	8	2	8	30	10	5
146019B	10S	8	2	8	30	10	5
146020	10S	8	2	8	50	10	6
146020B	10S	8	2	8	50	10	6
146036	10S	8	2	8	110	10	6
146021	13S	8	2	8	30	10	6
146022	13S	8	2	8	50	10	7
146022B	13S	8	2	8	50	10	7
146032B	10S	8	4	8	50	10	6
146033	13S	8	4	8	50	10	6
146038	13S	8	2	8	110	10	7

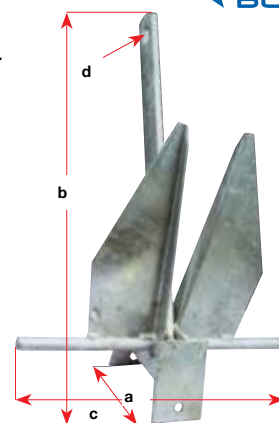
'B' - Denotes boxed version

N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.

## BLA Sand Anchor

### - Galvanised

The most popular of all anchors. Suitable for use in mud or sand. Fitted with retrieval eye for ease of removal if snagged. Stows flat. Heavy duty hot dipped galvanised finish. Anchor size refers to approximate weight in pounds.



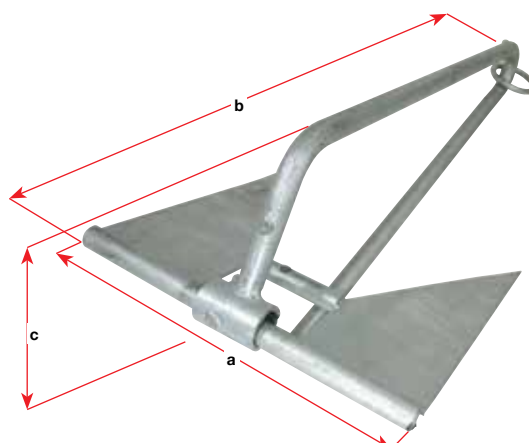
BLA Code	Size	Weight Approx. kg	Approx. Boat Length m	a mm	b mm	c mm	d mm
146042	3S	1.4	2	280	375	96	7
146044	4S	1.8	3	320	500	110	12
146046	6S	2.7	4	335	480	125	12
146048	8S	3.6	5	355	495	130	14
146050	10S	4.5	6	360	495	130	14
146052	13S	5.9	7	415	555	130	14
146054	16S	7.3	8	420	590	135	14
146060	22S	10	9	490	700	130	-
146062	27S	12.3	11	510	715	175	-
146064	35S	15.9	13	550	800	185	-
146066	45S	20.4	14	590	850	205	-
146070	60S	27.2	15	660	880	210	-
146072	80S	36.3	16	740	995	215	-
146074	100S	45	17	755	1010	250	-

N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.

## BLA Sand Anchor

### - Slip Ring

A popular small boat anchor. Suitable for use in mud and sand. The slip attachment ring enables the anchor to be retrieved if snagged, by pulling in the opposite direction to set. Heavy hot dipped galvanised finish.

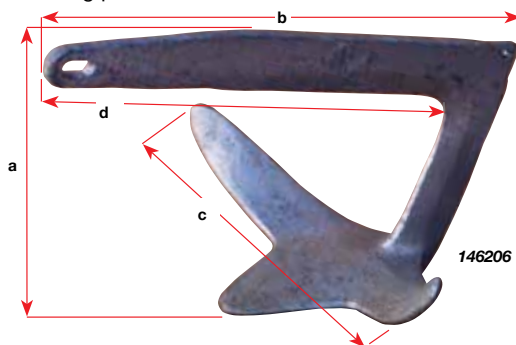


BLA Code	Size	Weight Approx. kg	Approx. Boat Length m	a mm	b mm	c mm
146102	4SR	1.8	3	200	430	125
146104	6SR	2.7	4	220	470	170
146106	8SR	3.6	5	240	470	170
146110	13SR	5.9	7	290	590	200

## BLA Self Aligning Anchor

### - 316 Grade Stainless Steel & Galvanised

Suited to sand and mud bottom. Heavy duty hot dipped galvanised finish, cast iron or cast 316 grade stainless steel construction. Self align anchors roll upright, irrespective of initial drop altitude. High holding power is obtained by the highly efficient fluke and shank design. Low retrieval force results from the short, broad, single fluke. Retrieval force is generally 30% of the prior holding power.



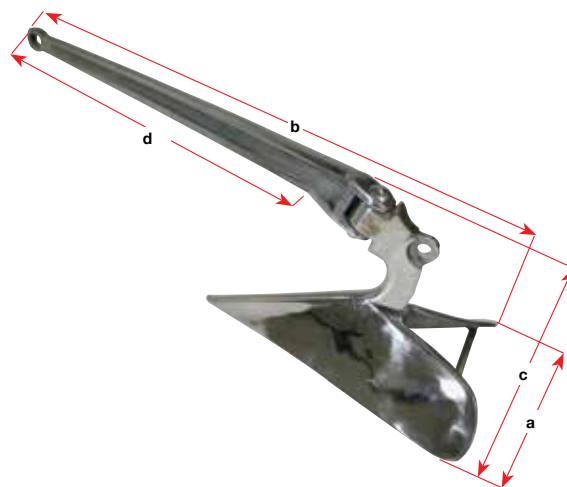
BLA Code	Material	Weight Approx. kg	Approx. Boat Length m	a mm	b mm	c mm	d mm
146202	Cast iron	5	7	230	470	305	415
146203	S/Steel	5	7	265	440	290	425
146204	Cast iron	7.5	8.5	270	535	355	470
146205	S/Steel	7.5	8.5	265	490	340	425
146206	Cast iron	10	10	300	585	385	525
146207	S/Steel	10	10	270	550	370	475
146208	Cast iron	15	12	330	625	420	550
146209	S/Steel	15	12	325	630	450	510
146210	Cast iron	20	14	365	670	480	600
146211	S/Steel	20	14	375	675	470	580

N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.

## BLA Plough Anchor

### - 316 Grade Stainless Steel

Accentuate the bow on any boat with a polished cast 316 grade stainless steel anchor. Ideal for sand and mud, plough anchors are the anchor of choice for experienced boat owners around the world. Fitted with retrieval eye for ease of removal if snagged.



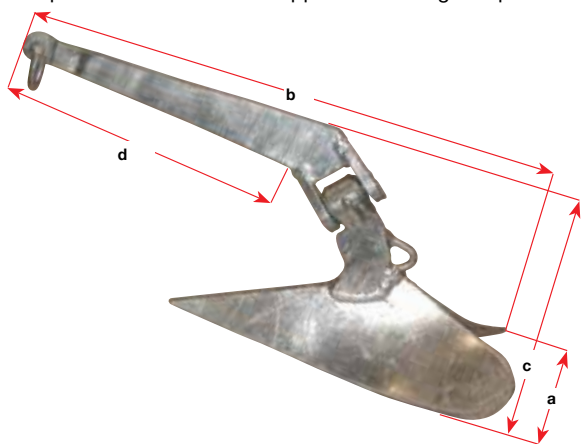
BLA Code	Weight Approx. kg	lbs	Approx. Boat Length m	a mm	b mm	c mm	d mm
146182	5	10	5	250	630	250	360
146184	7	15	7	240	670	245	425
146186	9	20	8	285	790	290	560
146188	12	27	9	285	840	270	570
146190	15	33	11	295	925	275	570
146192	22	48	13	330	940	360	550
146194	27	60	15	340	940	360	550

N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.

## BLA Plough Anchor

### - Galvanised

Ideal for sand and mud. Provides safe and sure anchoring for heavier craft. Fitted with retrieval eye for ease of removal if snagged. Heavy duty hot dipped galvanised finish with lead filled tip. Anchor size refers to approximate weight in pounds.



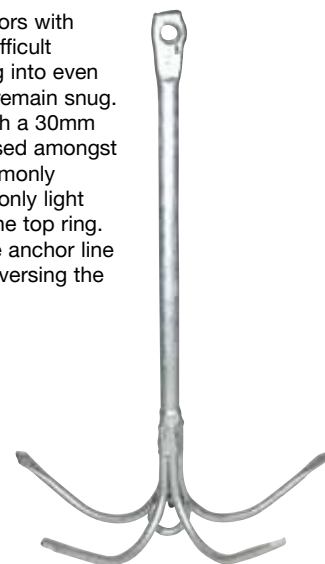
BLA Code	Size	Approx. Boat Length m	Weight Approx. kg	a mm	b mm	c mm	d mm
146152	10P	5	4.5	200	550	200	270
146154	15P	7	6.8	250	580	255	280
146156	20P	8	9	280	700	270	350
146158	27P	9	12.3	325	760	290	380
146160	35P	11	15.9	375	790	330	400
146162	45P	13	20.4	395	850	335	440
146164	60P	15	27.2	450	940	375	470
146166	80P	16	36.3	490	1060	400	520
146168	100P	17	45.4	490	1120	400	570

N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.

## BLA Grapnel Anchor

### - Galvanised

Traditional hard holding anchors with strong flukes for holding in difficult conditions. Flukes quickly dig into even hard bottom conditions and remain snug. Every anchor is equipped with a 30mm trip ring in the base. When used amongst rocks, the anchor line is commonly secured to the trip ring, with only light lashing around the line and the top ring. If snagged, a tight pull on the anchor line usually breaks the lashing, reversing the anchor to pull free.



BLA Code	Size kg	Shaft mm	Flukes mm	Eye mm	Width mm	Height mm
146352	2	19	10	15	330	540
146354	3	22	12	15	370	610
146356	4	24	14	15	450	660
146358	5	24	16	15	450	660
146360	6	27	16	15	480	710
146362	8	32	16	15	480	800

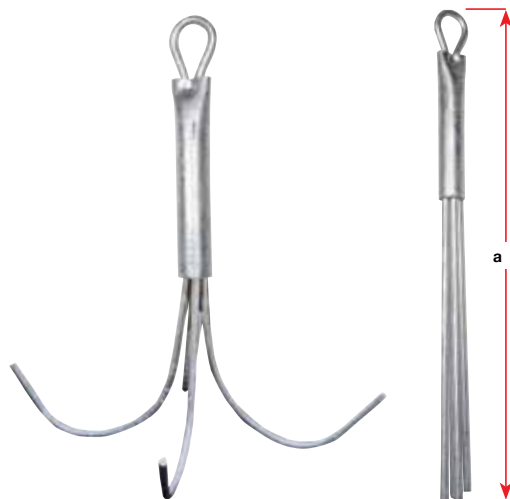
### BLA Reef Anchor - Galvanised

Suited to temporary reef anchoring. Heavy duty hot dipped galvanised finish. If snagged in reef conditions the prongs will straighten with retrieval load. Vessels anchored with reef anchors should not be left unattended. Supplied with prongs straight for freighting purposes.



BLA Code	Prong Dia. mm	No. of Prongs	Approx. Boat Length m	a mm
146422	6	4	3	490
146424	8	4	4	620
146426	10	4	5	620
146428	10	5	6	620
146430	13	4	7	770
146432	13	5	8	770

*N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.*

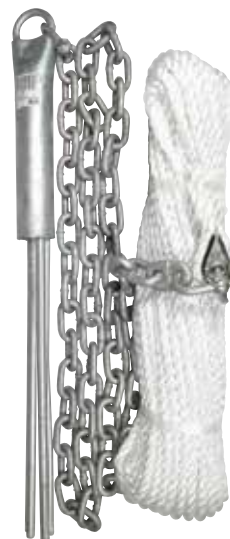


### BLA Reef Anchoring Kit - Galvanised

Complete anchoring kit comprising of a galvanised reef anchor, two metres of galvanised chain, two galvanised 'D' shackles and silver rope with a stainless steel thimble spliced in one end. Kit supplied in clear shrink wrapped plastic.

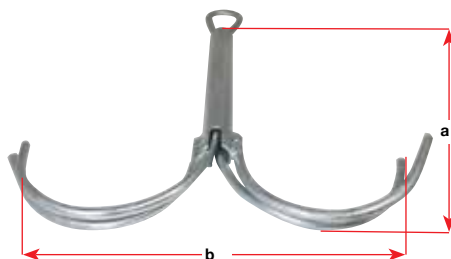


BLA Code	Prong Dia. mm	No. of Prongs	Chain Dia. m	Chain Length m	Shackle Size mm	Rope Length mm	Rope Dia. mm
146404	8	4	6	2	6	50	8
146406	8	4	6	4	6	50	8
146407	10	4	6	2	6	50	8
146409	10	4	6	4	6	50	8
146410	10	5	6	2	6	50	8
146412	10	5	6	4	6	50	8
146413	13	4	8	2	8	50	10
146415	13	4	8	4	8	50	10
146416	13	5	8	2	8	50	10
146418	13	5	8	4	8	50	10



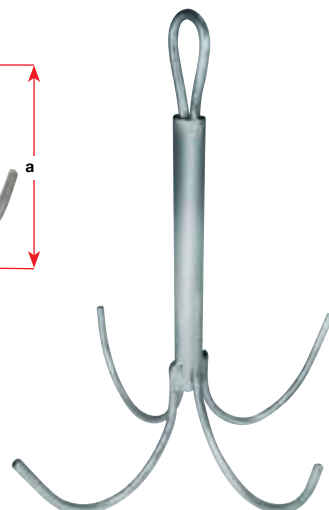
### BLA Folding Reef Anchor - Galvanised

Four prong reef anchor with 90° twist and lock feature that allows the anchor to be stowed flat. Intended for reef anchoring only, if snagged, prongs will straighten with retrieval load. Vessels anchored with reef anchors should not be left unattended. Heavy hot dipped galvanised finish.



BLA Code	Prong Dia. mm	Approx. Boat Length m	a mm	b mm
146442	8	4	460	400
146444	10	5	540	400

*N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.*





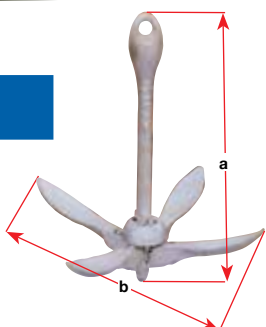
## BLA Folding Anchor

### - Galvanised

Most suitable for use with inflatable boats, canoes, kayaks or small dinghies where space is at a premium. Assembled in seconds. Hot dipped galvanised cast iron construction.



For suitable watercraft  
See Section 52



BLA Code	Weight kg	a mm	b mm
146470	0.7	185	165
146472	1.5	310	290
146474	2.5	360	320
146476	3.2	400	360
146478	4	450	410

## BLA Folding Anchoring Kit - Galvanised

Complete anchoring kit comprising of a galvanised folding anchor, two metres of galvanised chain, two galvanised 'D' shackles and silver rope with a stainless steel thimble spliced in one end. Supplied in clear shrink wrapped plastic.



BLA Code	Anchor kg	Chain mm	Shackle mm	Rope Length m	Rope Size mm
146462	1.5	6	8	30	8
146464	2.5	6	8	30	8
146466	3.2	6	8	30	12

## Airhead® PWC Sand Anchor & Buoy



A sand anchor is ideal for anchoring PWCs in shallow water to keep the impeller off the beach. Fill this super durable tri-laminate anchor bag with up to 15kg of rocks or sand. A buoy marks the anchor's location. Tie-ups are easy with the 1.8m long rope and the oversized finish-friendly acetyl snap hook.



BLA Code  
146901

## Minn Kota® Drift Sock



Optimise your lure presentation over holding fish with the addition of the Minn Kota drift sock. Harness with float available (602908) that allows sock to be quickly released to prevent tangles when fighting/landing fish.



BLA Code	Length mm	Dia mm
602906	860	550

### Accessories:

602908 Minn Kota Drift Sock Harness

## BLA Sea Anchor - PVC

A range of compact collapsible open ended economy sea anchors or drogues, designed to complement any boat's safety equipment. Ideally suited to a wide range of applications and situations including slowing the vessel's speed in a following sea or strong winds, slowing the rate of swing at anchor, slowing and controlling the wind drift rate and keeping a vessel's direction true in tidal situations. They are not suitable for storm use. Manufactured from reinforced coated PVC with 25mm webbing reinforcements that run the length of the sea anchor for additional strength. The webbing continues at either end to create a long towing bridle and includes rope attachment loops at each end for ease of retrieval.



BLA Code	Description	Suggested Max. Boat Length m	Length mm	Dia. mm	Bridle Length mm
146918	Small	4.5	600	450	650
146920	Medium	6	750	600	900
146922	Large	7.5	1350	1000	1700

N.B. Boat size suggested is for average boat under average conditions and should be seen as a guide only.

## BLA Nylon Anchor Rope & Chain - Galvanised



Conveniently made up nylon anchor rope, spliced to short link galvanised chain, with a shackle for the anchor. All chain lengths are 10 metres. Nylon rope is particularly suited as an anchor rope due to its combined properties of high strength, shock absorbing flex, soft grip and U.V. stability.



BLA Code	Rope Dia. mm	Rope Length m	Chain Size mm
145962	8	80	6
145966	8	80	6
145970	10	50	6
145974	10	100	6
145976	10	80	8
145978	12	50	6
145980	12	100	6
145982	12	50	8
145986	12	100	8
145987	14	50	8
145988	14	100	8
145990	14	125	10
145996	16	125	10

## Titan Nylon Anchor Rope & Chain - Eight Plait & Galvanised



Conveniently made up eight plait nylon anchor rope, spliced to short link galvanised chain in varying sizes and lengths. All chain lengths are 10 metres. Nylon rope is particularly suited as an anchor rope due to its combined properties of high strength, shock absorbing flex, soft grip and U.V. stability. Supplied in compact cardboard box.



BLA Code	Rope Dia. mm	Rope Length m	Chain Size mm
145430	12	50	6
145432	12	100	6
145436	12	50	8
145438	12	100	8
145442	14	50	8
145444	14	100	8

*N.B. Check your windlass manufacturer's gypsy specifications for the suitability of this anchor rope and chain. 145442 and 145444 are not to be used with Lewmar 8mm gypsy.*

## BLA Nylon Anchor Rope



High strength, non buoyant, and resistant to abrasion, coupled with shock absorbing flex and soft grip, has made nylon the premium choice of anchor rope. Stainless steel thimble pre-spliced at one end. U.V. stabilised to sustain constant sun exposure. Supplied in shrink wrapped coil.



144236



BLA Code	Rope Dia. mm	Rope Length m	Min. Break Load kg
144236	6	50	750
144238	8	50	1350
144240	10	50	2080
144242	12	50	3000

## BLA Silver Anchor Rope Hanks & Coils



Convenient made up anchor ropes, in shrink-wrapped plastic. U.V. stabilised silver rope with stainless steel thimble spliced in one end and soft loop other end. Silver rope is a floating line.



Hank

Coil

BLA Code	Hanks	Coils	Rope Dia. mm	Rope Length m	Min. Break Load kg
144182	144160		6	30	330
144184	144162		8	30	540
144186	144164		10	30	790
144188	144166		12	30	1090
144192			8	40	540
144194			10	40	790
144196			12	40	1090
144198	144168		6	50	330
144200	144170		8	50	540
144202	144172		10	50	790
144204	144174		12	50	1090
144206	144176		8	110	540
144208	144178		10	110	790
144210	144180		12	110	1090

### BLA Stainless Steel Chain - General Link

Australian Standard sized, 316 grade stainless steel, polished chain. Commonly used for net weights, duckboard restraints, rail entry or any other application that requires excellent quality and lasting finish. Sold per metre and by the drum (sold by weight, lengths are approximate). Stainless steel chain is suitable for day anchoring but is not recommended for long term anchoring as it can work-harden the chain, making it susceptible to cracking.



#### Per Metre

BLA Code	Diameter mm	Weight per m kg	Length mm	Width mm	Pitch mm
145092	4	0.32	27	16	19
145094	6	0.72	38	23	26
145096	8	1.28	48	29.5	32
145098	10	2.06	60	37	40

#### Full Drums

BLA Code	Qty Approx.	Diameter mm	Length mm	Width mm	Pitch mm
145100	50 155	4	27	16	19
145106	50 63	6	39	23	27
145108	100 126	6	39	23	27
145114	100 78	8	48	29.5	32
145120	100 50	10	60	37	40



### BLA Stainless Steel Chain - Short Link

Australian Standard 2321 sized, 316 grade stainless steel, polished chain. Commonly used for net weights and anchor chain. Sold per metre and by the drum (sold by weight, lengths are approximate). Stainless steel chain is suitable for day anchoring but is not recommended for long term anchoring as it can work-harden the chain, making it susceptible to cracking.



#### Per Metre

BLA Code	Diameter mm	Weight per m kg	Length mm	Width mm	Pitch mm
145142	6	0.91	30.9	21.5	18.9
145150	8	1.42	40	27.5	24
145158	10	2.21	49.5	33.5	29.5
145166	13	3.73	65	42.3	39

#### Full Drums

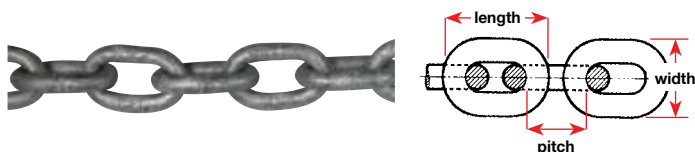
BLA Code	Qty Approx.	Diameter mm	Length mm	Width mm	Pitch mm
145146	100 110	6	30.9	21.5	18.9
145156	500 352	8	40	27.5	24
145164	500 225	10	49.5	33.5	29.5
145172	500 134	13	65	42.3	39





## BLA Galvanised Chain - General Link

Australian Standard sized, hot dipped galvanised, grade 30, general link proof coil chain.



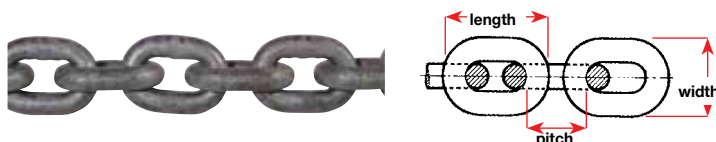
BLA Code	Qty Approx. kg	m	Diameter mm	Length mm	Width mm	Pitch mm
145006	50	60	6	39	25	27
145009	500	600	6	39	25	27
145010	50	37	8	48	29.5	32
145013	500	370	8	48	29.5	32
145014	50	23.5	10	60	37	40
145017	500	235	10	60	37	40
145021	500	166.5	12	70	44	46
145024	500	101	16	91.6	56.5	59.6
145027	500	61.5	20	113.3	70	73.3

### Per Metre

BLA Code	Diameter mm	Weight per m kg	Length mm	Width mm	Pitch mm
145004	6	0.83	39	25	27
145008	8	1.35	48	29.5	32
145018	10	2.13	60	37	40
145022	12	3	70	44	46

## BLA Galvanised Chain - Grade 'L' Short Link

Australian Standard 2321 sized Grade 'L', hot dipped galvanised, short link chain. Suitable for use with most anchor winches and all chain anchor lines. Sold per metre and by the drum (sold by weight, lengths are approximate). Manufacturers grade 'L' certificate available upon request.



### Full Drums

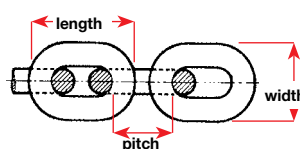
BLA Code	Qty Approx. kg	m	Diameter mm	Length mm	Width mm	Pitch mm
145054	50	54	6	30.9	21.5	18.9
145056	500	540	6	30.9	21.5	18.9
145059	50	33.5	8	40	27.5	24
145064	500	335	8	40	27.5	24
145068	100	43	10	49.5	33.5	29.5
145072	500	214.5	10	49.5	33.5	29.5
145080	500	125	13	65	45.5	39
145084	500	84	16	80	54	48

### Per Metre

BLA Code	Diameter mm	Weight per m kg	Length mm	Width mm	Pitch mm
145052	6	0.93	30.9	21.5	18.9
145058	8	1.49	40	27.5	24
145066	10	2.33	49.5	33.5	29.5
145074	13	4	65	45.5	39
145081	16	5.95	80	54	48

## BLA Galvanised Chain - DIN766 Short Link

European Standard 13mm DIN766, hot dipped galvanised, short link chain. Recommended for use on a Lewmar 13mm gypsy. DIN 766 chain is the common chain standard for European made gypsies. Sold by the drum (sold by weight, lengths are approximate).



BLA Code	Qty Approx. kg	m	Diameter mm	Length mm	Width mm	Pitch mm
145078	250	63	13	62	47	36
145079	500	125	13	62	47	36

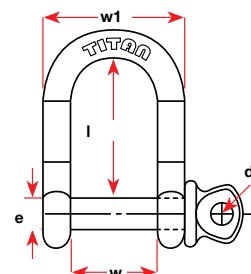


## Titan™ Tested 'D' Shackle - Galvanised

Quality heavy duty tested 'D' shackle. Suitable for a wide range of applications. Features hot dipped galvanising for the body and pin, creating superior corrosion resistance and longevity, plus large tie off hole for pin security making them ideal for use in harsh marine environments. Manufactured to meet or exceed current American standard RR-C-271 Type IV Grade A. These specifications ensure that each shackle performs to the load rated and proof tested weights as stated with a safety factor of 6 to 1. Conveniently stamped with working load limit and bail size.



BLA Code	Bail Size mm	Pin Dia. mm	Working Load kg	Breaking Load kg	d1 mm	e Thread mm	w mm	w1 mm	l mm
143022	6	8	500	3000	4.8	5/16" - 18UNC	11.9	24.1	35.1
143024	8	10	750	4500	5.6	3/8" - 16UNC	13.5	29.5	42.2
143026	10	11	1000	6000	6.4	7/16" - 14UNC	16.8	35.8	51.6
143028	13	16	2000	12000	9.7	5/8" - 11UNC	20.6	46	68.3
143030	16	19	3250	19500	11.2	3/4" - 10UNC	26.9	58.7	84.8
143032	19	22	4750	28500	12.7	7/8" - 9UNC	31.8	69.9	100.8
143036	25	29	8500	51000	14.2	1 1/8" - 7UNC	42.9	93.7	128.8

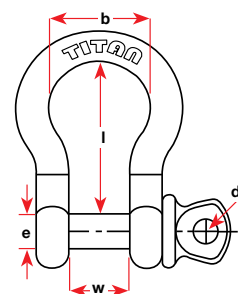


## Titan™ Tested Bow Shackle - Galvanised

Quality heavy duty tested bow shackle. Suitable for a wide range of applications. Features hot dipped galvanising for the body and pin, creating superior corrosion resistance and longevity, plus large tie off hole for pin security making them ideal for use in harsh marine environments. Manufactured to meet or exceed current American standard RR-C-271 Type IV Grade A. These specifications ensure that each shackle performs to the load rated and proof tested weights as stated with a safety factor of 6 to 1. Conveniently stamped with working load limit and bail size.



BLA Code	Bail Size mm	Pin Dia. mm	Working Load kg	Breaking Load kg	d1 mm	e Thread mm	w mm	b mm	l mm
143072	6	8	500	3000	4.8	5/16" - 18UNC	11.9	19.8	28.7
143074	8	10	750	4500	5.6	3/8" - 16UNC	13.5	21.3	31
143076	10	11	1000	6000	6.4	7/16" - 14UNC	16.8	26.2	36.3
143078	13	16	2000	12000	9.7	5/8" - 11UNC	20.6	33.3	47.8
143080	16	19	3250	19500	11.2	3/4" - 10UNC	26.9	42.9	60.5
143082	19	22	4750	28500	12.7	7/8" - 9UNC	31.8	50.8	71.4
143084	22	25	6500	39000	12.7	1" - 8UNC	36.6	57.9	84.1
143086	25	29	8500	51000	14.2	1 1/8" - 7UNC	42.9	68.3	95.3



## BLA Bow Shackles

### - Stainless Steel

316 grade stainless steel bow shackles. Screw in collared pin with hole for security tie wire. Not rated for lifting purposes.



161130B10



161130P

BLA Code	Qty	Pin Dia. mm	in
161130	1	6	1/4
161130B10	10	6	1/4
161130P	1	6	1/4
161132	1	8	5/16
161132B10	10	8	5/16
161132P	1	8	5/16
161134	1	10	3/8
161136	1	12	1/2
161139	1	16	5/8



161130

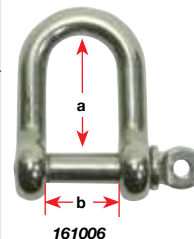
'B' - Denotes bulk packed item  
'P' - Denotes packaged item

## BLA Standard 'D' Shackles -

### Stainless Steel

316 grade stainless steel 'D' shackle. Screw in pin drilled for security tie wire.

BLA Code	Qty	Pin Dia. mm	a mm	b mm	Breaking Load kg
161002	1	4	14	8	550
161002P2	2	4	14	8	550
161002B10	10	4	14	8	550
161004	1	5	17.5	10	1000
161004P	1	5	17.5	10	1000
161004B10	10	5	17.5	10	1000
161006	1	6	20	13	1700
161006P	1	6	20	13	1700
161006B10	10	6	20	13	1700
161008	1	8	27	16	2500
161008P	1	8	27	16	2500
161008B10	10	8	27	16	2500
161010	1	10	35	20	4100
161010P	1	10	35	20	4100
161010B10	10	10	35	20	4100
161012	1	12	40	25	5400
161012B5	5	12	40	25	5400
161014	1	16	49	28	8800
161016	1	19	64	35	10000



161006



161004P



161012B5

'B' - Denotes bulk packed item  
'P' - Denotes packaged item

## BLA Bow Shackle

### - Galvanised

Galvanised for general applications. Screw collared pin with hole for security tie wire. Not rated for lifting purposes.

BLA Code	Qty	Pin Dia. mm	Pin Dia. in
143052B	200	5	3/16
143052B10	10	5	3/16
143052B50	50	5	3/16
143054	1	6	1/4
143054B	200	6	1/4
143054B10	10	6	1/4
143054B50	50	6	1/4
143054P2	2	6	1/4
143056	1	8	5/16
143056B	200	8	5/16
143056B10	10	8	5/16
143056B50	50	8	5/16
143056P2	2	8	5/16
143058	1	10	3/8
143058B	200	10	3/8
143058B10	10	10	3/8
143058B50	50	10	3/8
143058P	1	10	3/8
143060	1	13	1/2
143060B	100	13	1/2
143060B10	10	13	1/2
143060B50	50	13	1/2
143060P	1	13	1/2
143062	1	16	5/8
143062B	100	16	5/8
143064	1	19	3/4
143064B	100	19	3/4

'B' - Denotes bulk packed item  
'P' - Denotes packaged item



## BLA 'D' Shackle

### - Galvanised

Galvanised for general applications. Screw collared pin with hole for security tie wire. Not rated for lifting purposes.

BLA Code	Qty	Pin Dia. mm	Pin Dia. in
143002	1	5	3/16
143002B	200	5	3/16
143002B10	10	5	3/16
143002B50	50	5	3/16
143004	1	6	1/4
143004B	200	6	1/4
143004B10	10	6	1/4
143004B50	50	6	1/4
143004P2	2	6	1/4
143006	1	8	5/16
143006B	200	8	5/16
143006B10	10	8	5/16
143006B50	50	8	5/16
143006P2	2	8	5/16
143008	1	10	3/8
143008B	200	10	3/8
143008B10	10	10	3/8
143008B50	50	10	3/8
143008P	1	10	3/8
143010	1	13	1/2
143010B	100	13	1/2
143010B10	10	13	1/2
143010B50	50	13	1/2
143010P	1	13	1/2
143012	1	16	5/8
143012B	100	16	5/8
143014	1	19	3/4
143014B	100	19	3/4
143016	1	22	7/8
143018	1	25	1

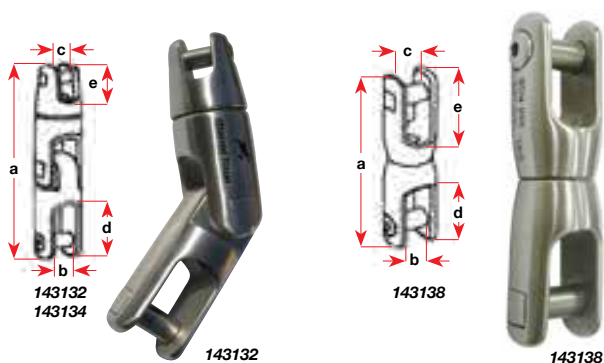
'B' - Denotes bulk packed item  
'P' - Denotes packaged item



## Marine Town® Anchor Connector Swivels - Stainless Steel



High quality cast and polished 316 grade stainless steel anchor connector swivels designed for use between anchor shaft and chain (143132, 143134) or rope (143138). When setting the anchor the swivel prevents the chain from becoming twisted allowing for easy deployment and retrieval. A smooth overall snag free finish helps the swivel slide freely over bow rollers and deck. The captured pin can be easily removed via an allen key (included) and ensures the fastening pin will not loosen when under load. Designed specially for use with rope, the 143138 incorporates wider, smooth rounded jaws to accommodate up to 12mm rope and 10mm thimbles.



BLA Code	Application	a mm	b mm	c mm	d mm	e mm	S.W.L. kg
143132	Chain	134	15	9	40	25	850
143134	Chain	154	22	13	44	25	1350
143138	Rope	100	16	16	37	37	1300

## BLA Chain Split Links

### - Galvanised

Galvanised chain joiner. Not rated for lifting purposes. Not suitable for anchor winches.

BLA Code	Link Dia. mm	Link Dia. in	Internal Length mm
143206	6	1/4	32
143208	8	5/16	48
143210	10	3/8	43



## BLA Anchor Chain with Shackles - Galvanised

Pre-cut lengths of general link galvanised chain supplied with two galvanised 'D' shackles.

BLA Code	Chain Dia. mm	Chain Length m	Shackle Dia. mm
144992	6	3	6
144993	8	3	8
144994	6	4	6
144995	8	4	8
144996	6	2	6
144997	6	5	6
144998	8	2	8
144999	8	5	8



**BLA Thimbles - Galvanised**

Galvanised for general applications.



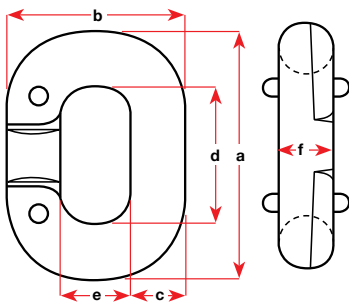
BLA Code	Qty	Wire/Rope Dia.	
		mm	in
143154	1	6	1/4
143154B	200	6	1/4
143156	1	8	5/16
143156B	200	8	5/16
143158	1	10	3/8
143158B	200	10	3/8
143160	1	13	1/2
143160B	100	13	1/2
143164	1	16	5/8
143164B	100	16	5/8
143168	1	19	3/4
143168B	100	19	3/4
143170	1	22	7/8
143170B	50	22	7/8
143172	1	25	1
143172B	50	25	1

'B' - Denotes boxed version

**BLA Chain Link Joiner****- Stainless Steel**

Stainless steel two piece chain joining links to suit standard link chain type only. Easy to install by simply hammering over the four pins and finish by dollying over for a smooth solid join.

Available in two common sizes to suit 8mm and 10mm standard link chain.

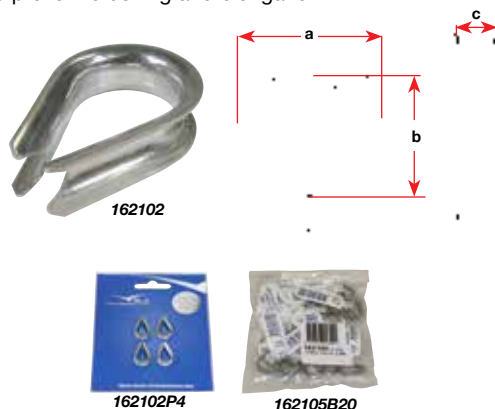


BLA Code	Suit Chain Size mm	a mm	b mm	c mm	d mm	e mm	f mm
143332	8	39	27	7.4	24	13	6
143334	10	47	33	9.10	28	15	9

N.B. These links are not rated for lifting purposes nor designed to be used with short link chain used for anchor winches.

**BLA Thimbles - Pressed****Stainless Steel**

304 grade pressed stainless steel thimbles, suitable for rope or wire. Also available as heavy duty option with thicker wall to help prevent crushing and elongation.



BLA Code	Qty	Rope/Wire Dia. mm	in	a mm	b mm	c mm
162102	1	2.5	3/32	8	16	3
162102P4	4	2.5	3/32	8	16	3
162102B20	20	2.5	3/32	8	16	3
162104	1	3	1/8	10	19	4
162104HD	1	3	1/8	10	19	4
162104P4	4	3	1/8	10	19	4
162104B20	20	3	1/8	10	19	4
162104B50	50	3	1/8	10	19	4
162105	1	4	5/32	12	22	5
162105HD	1	4	5/32	12	22	5
162105P2	2	4	5/32	12	22	5
162105B20	20	4	5/32	12	22	5
162106	1	5	3/16	13	22	6
162106HD	1	5	3/16	13	22	6
162106P2	2	5	3/16	13	22	6
162106B10	10	5	3/16	13	22	6
162108	1	6	1/4	15	26	8
162108HD	1	6	1/4	15	26	8
162108P	1	6	1/4	15	26	8
162110	1	8	5/16	20	37	10
162110HD	1	8	5/16	20	37	10
162110P	1	8	5/16	20	37	10
162112	1	10	3/8	26	45	12
162112P	1	10	3/8	26	45	12
162112B10	10	10	3/8	26	45	12
162114	1	12	1/2	30	48	14
162114HD	1	12	1/2	30	48	14
162116	1	14	9/16	34	56	16
162118	1	16	5/8	38	60	18
162118HD	1	16	5/8	38	60	18
162122	1	20	3/4	45	78	22

'HD' - Denotes heavy duty item

'B' - Denotes bulk packed item

'P' - Denotes packaged item

**BLA Chain Swivels - Galvanised**

Prevents chains twisting on permanent moorings and other similar applications. Not rated for lifting purposes.

BLA Code	Qty	Nominal Size mm	in
143106	1	6	1/4
163106B	100	6	3/16
143108	1	8	5/16
163108B	100	8	1/4
143110	1	10	3/8
163110B	50	10	5/16
143113	1	13	1/2
163113B	50	13	1/2
143120	1	19	3/4
163120B	25	19	3/4





## BLA Rope - Silver

Silver rope (polyethylene staple) is the most popular general purpose rope. 4mm to 12mm is soft medium lay for ease of splicing. 14mm and larger is a medium lay to suit anchor capstan winches while still being spliceable. Ends can be heat sealed to prevent unravelling, U.V. stabilised, resistant to grease and oil. High abrasion resistance, non-absorbent with good grip for handling. Silver rope is a floating line.

### Flanged Reels

BLA Code	Rope Dia. mm	Length Dia. m	Min. Break Load kg
144002	4	500	180
144006	6	300	330
144010	8	200	540
144014	10	150	790
144018	12	100	1090



144002

### Coils

BLA Code	Rope Dia. mm	Length m	Min. Break Load kg
144072	4	300	180
144076	6	330	330
144080	8	330	540
144084	10	250	790
144088	12	250	1090
144092	14	125	1350
144094	16	125	1850
144096	18	125	2150
144098	20	125	2700
144100	22	125	3200
144102	24	125	3700
144104	28	125	5100
144106	32	125	6700



144072

## Lanyards - Silver Rope

Silver rope lanyards with a large soft loop spliced in one end. Suitable for mooring lines, fender lines and similar. Shares the same properties as silver rope as specified on this page.



BLA Code	Rope Dia. mm	Length m	Min. Break Load kg
144280	6	4	330
144282	6	8	330
144284	8	4	540
144286	8	8	540
144288	10	5	790
144290	10	10	790
144292	12	5	1090
144294	12	10	1090
144310	14	5	1350
144312	14	12	1350
144314	16	5	1850
144316	16	16	1850

## BLA Shock Absorbing Mooring Line

### - Double Braid Polyester

These premium mooring lines combine the appearance and high strength of double braid polyester with a unique and integral stretch, shock absorbing section. Virtually eliminates the sudden jolt when vessels swing to the end of mooring line reach. All black jacket, 300mm soft loop at one end.



Rubber cord shock absorbing section.

BLA Code	Rope Dia. mm	Length m	Min. Break Load kg
144254	12	5	2350
144256	12	8	2350
144257	15	12	3250
144258	15	8	3250
144259	15	16	3250
144260	18	8	4050
144261	18	18	4050
144262	26	10	6050
144263	26	20	6000



Multi-filament rubberised core

## BLA Lanyards

### - Braided Polyester

All black U.V. stabilised polyester braid, pre spliced with 300mm of soft loop at one end. High strength and smart aesthetics for the discerning boat owner. Uses include mooring lines, painter line and fender lanyards.



BLA Code	Rope Dia. mm	Length m	Min. Break Load kg
144264	8	2.5	1600
144266	10	3	1900
144268	12	5	2600
144270	12	10	2600

## BLA Dockline Rope

### - Double Braid Polyester

This black double braid rope is an excellent mooring line. Supplied in spool lengths for those needing to cut to size. It is manufactured from a 16 braid polyester cover over an 8 strand core, providing high strength and tenacity, with superior resistance to abrasion and having less than 0.5% water absorption characteristic. Its outstanding resistance to U.V. degradation and high load bearing properties make it most suitable for those requiring a neat appearance, and a spliceable and reliable mooring line.



BLA Code	Rope Dia. mm	Length m	Min. Break Load kg
352912	10	100	1900
352914	12	100	2600
352918	16	100	3500

N.B. Also available in a choice of pre-cut lengths and sizes with a soft eye spliced loop at one end ready for immediate use. Refer to page 940.



## BLA Fender Line

### - Double Braid Polyester

An attractive quality soft rope to attach and enhance fenders. Using the same double braid as our quality 16 plait polyester these fender lines provide a simple alternative to a permanent hand spliced silver rope. One end features a whipped ten centimetre loop which simply passes through the eye of the fender then back through itself for secure attachment. Supplied in black as a pair.



BLA Code	Rope Dia. mm	Length m
144340	6	1.5
144342	8	2

## BLA Boat Hook Holder

Pressed stainless steel 'J' hooks for stowing boat hooks. Suits 25mm to 29mm diameter tube. Sold as a pair.



BLA Code	Length mm	Width mm	Mount Screws mm
141432	100	25	3 c/s

## BLA Boat Hooks - Telescopic

Anodised aluminium shaft with nylon hook and locking nut. Grey PVC handgrip.

BLA Code	Length Retracted m	Length Extended m	Outer Tube Dia. mm
(A) 141402	1.17	2.11	29



## BLA Boat Hooks - Fixed

Anodised aluminium shaft, black nylon head, black PVC handgrip.

BLA Code	Length Retracted m	Tube Dia. mm
(B) 141406	1.77	29



## BLA Boat Hook Head

Black moulded nylon boat hook head that fits externally over 30mm tube or timber dowel.



BLA Code	Length mm	Width mm	Outer Dia. mm
141422	219	80	35



## Dan-Fender® Buoy/Fender - Inflatable Heavy Duty

Pear shaped, injection moulded from tough flexible vinyl. Features heavy duty black solid injection moulded eye, high gloss body and metal inflation valve. Ideal for use as marker buoys, fenders, commercial use and in the aquaculture industry. Also available with stainless steel eye inserts and the option of closed-cell polyurethane foam filling to special order and subject to minimum order quantity.

BLA Code	Diameter mm	Overall Length mm	Colour	Buoyancy kg	Eye Dia. mm	Model
141552	160	230	Orange	2	18	B20
141554	240	320	Orange	8	18	B30
141556	320	480	Orange	23	28	B40
141558	405	570	Orange	46	28	B50
141559	405	570	White	46	28	B50
141560	480	640	Orange	72	28	B60
141561	480	640	White	72	28	B60
141562	610	790	Orange	118	28	B75
141563	610	790	White	118	28	B75
141564	810	1040	Orange	280	32	B100
141566	965	1240	Orange	540	32	B120
141568	1100	1280	Orange	675	32	B135



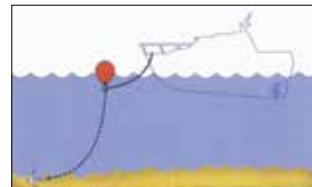
141559



141554



Stainless steel insert collars are available for continuous heavy duty use. 141564 supplied with insert as standard.



When selecting a mooring buoy for your required application please apply the following recommendations: Dan-Fenders test mooring buoys to their maximum values. Buoys/fenders are completely submerged in freshwater when buoyancy tests are conducted. We therefore recommend 60% of the value stated as the units working capacity. All measurements and buoyancies are calculated with a pressure of 0.15 bar (2 psi) at approximately 20°C (68°F).

## Dan-Fender® Buoy - Mini

Blowmoulded from high quality soft PVC. Features metal inflation valve. Commonly used in marking small nets or for marking areas for water skiing, rowing, swimming and similar.



141646



141648



141650

BLA Code	Colour	Diameter mm	Overall Length mm	Buoyancy kg	Eye Dia. mm
141646	Red	160	200	2.1	11
141648	Yellow	160	200	2.1	11
141650	White	160	200	2.1	11

## Dan-Fender® Buoy - Mooring

Injection moulded from tough flexible red vinyl. Features metal inflation valve, large pick-up handle and solid injection moulded eye attachment point.



BLA Code	Diameter mm	Overall Length mm	Buoyancy kg	Eye Dia. mm
141652	240	390	6	18

## Dan-Fender® Inflation Adaptor Kit

The Dan-Fender® Inflation Adaptor Kit is a must for every fender stockist. The kit includes replacement valves and an adaptor which allows for a variety of pump types to be used to inflate Dan-Fender products. This kit allows for in-store replacement of Dan-Fender valves and can also be used to add value to your Dan-Fender customer purchases.

### Kit includes:

- 10x new inflation adaptors
- 10x valves
- 5x plastic screws
- 3x 3mm screws to pull valves out



BLA Code
141600

## Dan-Fender® Hand Pump

Due to most inflatable fenders having a form of internal valve the problem of controlled inflation arises. Some hand pumps not designed for this purpose can often cause damage by pushing the valve inside the fender or buoy. The Dan-Fender® hand pump is designed and manufactured to fit into the centre of the metal Dan-Fender® valve and most other common fenders for easy and gentle inflation. This hand pump is small and compact at only 200mm long and has an inflation action on both the in and out strokes.

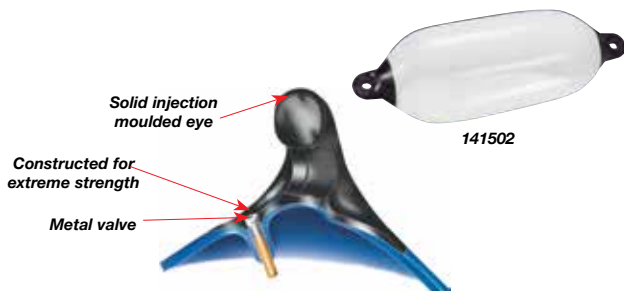


BLA Code
141900

## Dan-Fender® Fender

### - Inflatable Heavy Duty

Injection moulded from tough, flexible white vinyl with heavy duty black solid injection moulded eyes, designed to give years of trouble free mooring. Features metal inflation valve and high gloss body. Recommended maximum inflation pressure is 0.15 bar at 20°C. Pressure could be as low as 0.05 bar in hot tropical conditions. Do not over inflate.



It is the hidden qualities which guarantee that Dan-Fenders will last year after year, even in the fiercest conditions.

BLA Code	Dia. mm	Overall Length mm	Buoyancy kg	Eye Dia. mm	Model	Colour
141502	125	540	5	18	520	White
141503	125	540	5	18	520	Navy
141504	150	645	6.5	18	623	White
141505	150	645	6.5	18	623	Navy
141506	200	635	14	28	822	White
141507	200	635	23	28	822	Navy
141508	200	765	23	28	827	White
141509	200	765	23	28	827	Navy
141510	200	1055	34	28	839	White
141512	250	700	29	28	1025	White
141513	250	700	29	28	1025	Navy
141514	250	940	39	28	1035	White
141515	250	940	39	28	1035	Navy
141516	300	880	43	28	1232	White
141517	300	880	43	28	1232	Navy
141518	300	1130	55	28	1242	White
141519	300	1130	55	28	1242	Navy
141520	380	1370	116	32	1555	White
141522	550	1465	215	32	2255	White
141524	800	2050	720	32	3282	White

## Dan-Fender® Fender

### - Light Blow Moulded

The Light range is offered as an excellent quality product at a very competitive price. Blow moulded construction creates a traditional tough durable fender with large eyes for rope attachment. Available in a wide range of sizes and choice of solid colours in either navy blue or white. Available to suit boats ranging from 5m to 8m.



BLA Code	Dia. mm	Overall Length mm	Buoyancy kg	Eye Dia. mm	Model	Colour
141582	110	460	2.7	16	416L	White
141583	110	460	2.7	16	416L	Navy
141586	135	540	4.8	16	520L	White
141587	135	540	4.8	16	520L	Navy
141590	160	630	6.5	16	623L	White
141591	160	630	6.5	16	623L	Navy
141594	210	765	24	22	827L	White

## Dan-Fender® Fender Cover

High quality polyester fender covers designed to protect your boat and fenders against wear and tear. Helps prevent annoying squeaking noises and hull rub marks. Available to suit a wide range of sizes, including balloon, and are fully machine washable at 40°C.



BLA Code	Suits BLA Code	Suits Model	Colour
141802	141502/3	520	Black
141803	141502/3	520	Navy
141806	141504/5	623	Black
141807	141504/5	623	Navy
141810	141506/7	822	Black
141811	141506/7	822	Navy
141814	141508/9	827	Black
141815	141508/9	827	Navy
141818	141512/3	1025	Black
141819	141512/3	1025	Navy
141822	141514/5	1035	Black
141823	141514/5	1035	Navy
141826	141516/7	1232	Black
141827	141516/7	1232	Navy
141830	141518/9	1242	Black
141834	141520	1555	Black
141852	141559	B50	Black
141856	141561	B60	Black
141860	141563	B75	Black



141803





## Fender Basket

A range of quality easy to fit stainless steel fender baskets available in three popular sizes. This modular system can be easily attached to existing 22mm to 40mm rails using the adjustable stainless steel and nylon rail mounting clamp (141930). For locking multiple basket installations together, use the stainless steel joining clamps (141932).



141910  
Fender not included



141930



141932

BLA Code	Size mm	Suits BLA Code
141910	195 x 433	141504/05
141912	215 x 433	141506/07
141916	250 x 560	141508/09

### Accessories:

- 141930 Rail Mounting Clamp  
141932 Joining Clamp

## BLA Fender - PVC Covered

Block style flexible foam fenders with durable PVC cover. Wide welded seams and reinforced eyelets for years of trouble free service. The 142122 features a 'contour' hinging design that adjusts the fender shape to the hulls profile.



142124



142122

BLA Code	Style	Length mm	Width mm	Thickness mm	Eye Dia. mm
142122	Contour	530	150	63	9
142124	Flat	580	150	63	9

## BLA Fender - EVA Flat Foam

Made from EVA foam that won't absorb water. Rectangular shape for use as a conventional fender or screw mounting either singularly or in series on marinas and jetties. Doubles as a cockpit or dinghy seat cushion.



BLA Code	Length mm	Width mm	Thickness mm
142102	480	180	50
142104	650	300	50
142106	950	310	50

## BLA Fender - Moulded Inflatable

Manufactured from a combination of TPR and EVA plastics these traditionally shaped fenders feature raised ribs to prevent rolling along hull. Rope attachment points at either end. Pneumatic energy absorbing construction. Economical protection for trailer boats.



BLA Code	Dia. mm	Length mm	Eye Dia. mm
141670	115	380	13
141674	145	510	17

## Dan-Fender® Fender Step

Patented combination boarding step and fender. They are manufactured from the same injection moulded PVC construction as Dan-Fender® heavy duty inflatable fenders. The unique shape provides hull protection as well as a boarding step. The high topsides of many modern vessels make boarding difficult from either a marina finger or from small dinghies. The combined fender and step feature allow them to be rigged before entering a marina, allowing the crew to safely and easily step onto the pontoon without resorting to leaping. Available in 1 step or 2 step models.



141530



141532



BLA Code	Description	Height mm	Width mm	Depth mm	Eye Dia. mm
141530	1 step	400	400	205	18
141532	2 step	560	450	180	18



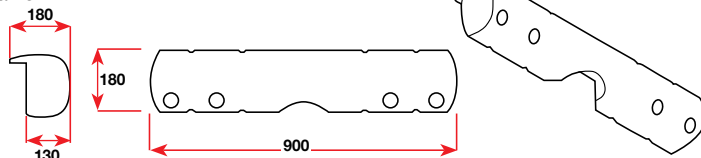
## Dan-Fender® Multi-function Dock Fender System

One product, multiple use options! This innovative heavy duty Dock Fender system from Dan-Fender® provides a versatile and significantly enhanced level of topside protection for all boats when docking. The dock fender gives superior protection against damage when berthing by providing a true inflatable fender buffer action. The unique design allows the multifunction dock fender to be adapted to suit most marina, pontoon, dock or wharf applications. The one piece adjustable design allows for the user to easily shape the dock fender to any angle up to 90°. An additional feature is the incorporation of an integral fender hanging point. This allows the fixture of an optional **141502** fender to be easily added, providing additional protection. Four heavy duty top and integral side fixing points provide safe and secure attachment no matter what the application.

### Features:

- Pre-inflated providing a low pressure fender for boat protection
- Suitable for marina, pontoon, dock or wharf applications
- Top and side bolt through points for secure fastening
- Extra deep design for additional boat protection
- Integrated central mounting point for optional **141502** Dan-Fender®
- Simple and easily adjusted design to suit angles to 90°
- Metal inflation valve

BLA  
Code  
**142280**



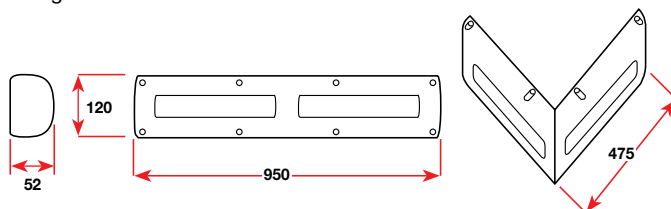
## Dan-Fender® Multi-function Dock Fender System - Mini

The Mini Multi Dock Fender can be mounted almost everywhere on a quay, pontoon, pontoon fingers or pylons. The unique design allows for easy conversion from a standard, long sided fender, into a corner fender with up to 90° bend for both inside or outside corner protection. The Mini Multi Dock Fender is manufactured from the strongest and toughest soft PVC material and includes four heavy duty top and bottom integral fixing points providing safe and secure attachment no matter what the application.

### Features:

- Pre-inflated providing a low pressure fender for boat protection
- Suitable for marina, pontoon, dock or wharf applications
- Top, bottom and side fixing points for secure fastening
- Simple and easily adjusted design to suit angles to 90°

BLA  
Code  
**142276**



## Dan-Fender® FenderFlex™

This multi-purpose fender will provide the best protection for bow, stern, dock and topside. It can also be fitted to pontoons of various sizes and shapes. The hinged FenderFlex™ is flexible and simple to handle, allowing for quick and easy mounting. It is perfect for use in canals, docks, locks and other similar situations. FenderFlex™ is extremely cost effective compared with repairing hull damage.



BLA Code	Length mm	Width mm	Weight kg
<b>142284</b>	720	320	6

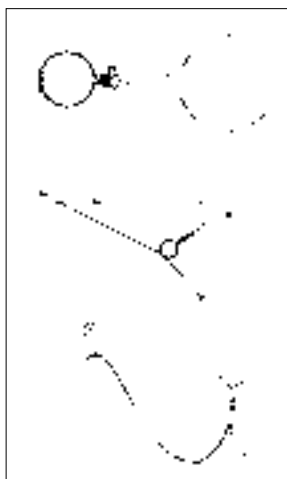
*N.B. Boat size suggested is for average variables and appropriate anchor rode. Final selection should be based on experience.*

## BLA Quick Lift Anchor Device

Retrieve your anchor using the power of the boat instead of the crew. Suits anchor ropes from 6mm to 12mm. All 316 grade stainless steel hardware for maintenance free long life and strength.



1. Attach to anchor line.
2. To retrieve simply drive boat forward at 5-6 knots maintaining anchor rope parallel to side of boat but clear of propeller.
3. Continue till anchor reaches buoy. Stop and retrieve rope and anchor hanging from 'Quick Lift' ring.



BLA Code	Description
144305	Anchor retrieval ring only
144306	Anchor device only
144307	Anchor device with 250mm ø styrene float
144308	Anchor device with 300mm ø styrene float
144309	Anchor device with 320mm ø inflatable float

## BLA Anchor Retriever

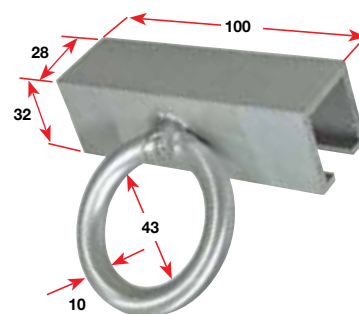
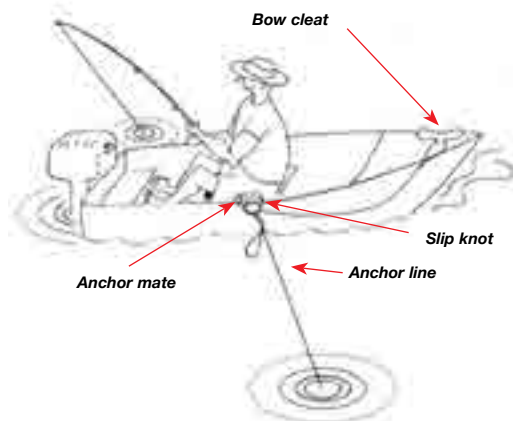
Used in conjunction with existing anchoring tackle, the stainless steel ring fits around the anchor rode for deep water anchoring. Motoring forward at 5 to 6 knots lifts the anchor to the float ring. When the anchor chain has fully passed through the ring the anchor is held at the surface. This allows easy retrieval of the anchor rode without the continuous weight of ground tackle.



BLA Code	Float Dia. mm	Ring Dia. mm
144301	250	125
144302	300	125

## BLA Anchor Mate

Anchoring device made from extruded aluminium with welded ring. Designed for tinnies, it allows the anchor to be set beam-on to the boat. The aluminium channel simply hooks in at any position along a tinnie gunwale. Suited for fishing in protected waters only.



BLA Code  
**144295**

## BLA Styrene Floats

Moulded white styrene. Spherical shape with centre hole for rope. Economical float for moorings, marker buoys, nets and similar. 141026 and 141028 have a groove for wind on storage of line.



141010



141028

BLA Code	Float Dia. mm	Hole Size mm	Length mm
141002	100	13	95
141006	150	19	145
141010	200	28	195
141014	250	28	245
141018	300	28	295
141026	100	19	150
141028	150	25	200



## ANCHOR WINCHES AND ACCESSORIES

Lewmar® Windlass Selection Guide & Anchoring Information	338-340
Lewmar® Horizontal Anchor Windlasses	341-343
Lewmar® Vertical Anchor Windlasses	344-351
Lewmar® Capstan	352
Lewmar® Gypsies	353
Lewmar® Switches	353-354
Lewmar® Remote Controls	354
Lewmar® Chain Counters	355-356



A blue product code or the appearance of this logo indicates the product requires special ordering. Please contact BLA on **1300 252 725** for information on these products.

 **BLA**  
boatinglifestyleadventure

## Easy anchoring starts with a Lewmar® windlass

**LEWMAR®**

Whether you own a small fishing boat, a mid-size sailboat or a large motor cruiser, Lewmar® has a windlass designed to fit your exact needs. Each windlass is crafted with durability, convenience and affordability in mind. Both vertical and horizontal designs are sleek and attractive to complement your boat.

### Windlass selection guide

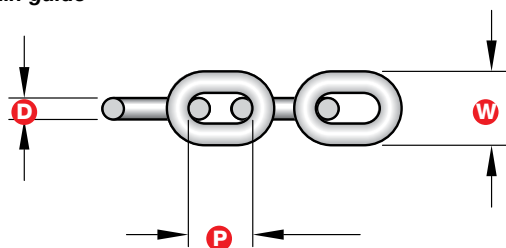
Model	Boat Length Overall						
	6 m 20 ft	9.2 m 30 ft	12.2 m 40 ft	15.2 m 50 ft	18.3 m 60 ft	21.3 m 70 ft	24.4 m 80 ft
Pro-Series/Fish 700							
Pro-Series/Fish 1000							
H2							
H3							
HX - 500W							
HX - 800W							
V700							
VX1 - 300W							
VX1 - 500W							
VX2							
VX3							
V1							
V2							
V3							
V6							

### Windlass selection guide

Model	Boat Length Overall									
	19.8 m 65 ft	22.9 m 75 ft	25.9 m 85 ft	29 m 95 ft	32.1 m 105 ft	35.1 m 115 ft	38.2 m 125 ft	41.2 m 135 ft	44.3 m 145 ft	50.3 m 165 ft
V8 2500W										
V8 Hi-Power										
V9										
V10										
V12										

Many parameters have to be taken into account when selecting a windlass, such as displacement, windage, anchor weight, etc, in the above chart, the boat length corresponds to a vessel with average displacement. If your vessel is of heavy displacement, please consider using a larger windlass model. Lighter shading represents the upper limit of the model. If in doubt, move up a model.

### Chain guide



		6mm DIN 766*	6mm ISO 4565	1/4" ISO G4	7mm DIN 766	1/4" BBB	1/4" BBB	1/4" ACCO G43	1/4" ACCO G43	8mm DIN 766*	8mm ISO 4565	5/16" ISO G4	Lewmar® 9.5mm G40	3/8" Cambell S4	10mm ISO 4565	3/8" Campbell S3	10mm DIN 766*	3/8" ISO G4	11mm Short Link	7/16" ISO G4	Lewmar® 12mm G30/G40	12mm Short Link	13mm DIN 766	1/2" ISO G4	Lewmar® 14mm G30/G40	14mm Short Link	14mm DIN 766*	14mm Studlink	16mm Short Link	16mm DIN 766*
D	mm	6	6	7.0	7	7.1	7.1	7.3	7.3	8	8	8.4	9.5	10	10	10	10	10	11	11.8	12	13	13.2	14	14	14	14	16	16	
	inch	0.236	0.236	0.276	0.276	0.28	0.28	0.287	0.287	0.315	0.315	0.329	0.374	0.394	0.394	0.394	0.394	0.394	0.433	0.465	0.472	0.512	0.520	0.551	0.551	0.551	0.551	0.630	0.630	
P	mm	18.9	18	21.3	22	22.5	22.5	21.1	21.1	24	24	26.2	31.5	29	30	34.5	28	31	33	35.5	36	36	40.4	42	41	56	48	45		
	inch	0.744	0.709	0.840	0.866	0.886	0.886	0.831	0.831	0.945	0.945	1.030	1.240	1.142	1.181	1.358	1.102	1.220	1.299	1.398	1.417	1.417	1.591	1.654	1.614	2.205	1.890	1.772		
W	mm	21.5	21.6	24.4	23.3	25.2	25.2	24	24	27.2	28.8	29.7	31.6	35	36	34.5	36	35	39	40.1	40.5	47	45.7	49	50	50.4	56	58		
	inch	0.844	0.85	0.962	0.917	0.992	0.992	0.945	0.945	1.07	1.134	1.168	1.244	1.378	1.417	1.358	1.417	1.378	1.535	1.579	1.594	1.850	1.799	1.929	1.969	1.984	2.205	2.283		

N.B. Highlighted chain sizes are relevant to gypies supplied with windlasses showing in this catalogue

\*Chain standard suits Australian Chain

For the complete range of BLA chain sizes and lengths please see page 325 and 326.



## How to choose the right windlass for your boat

**LEWMAR®**

*In order to select the correct windlass for your boat, three questions should be answered:*

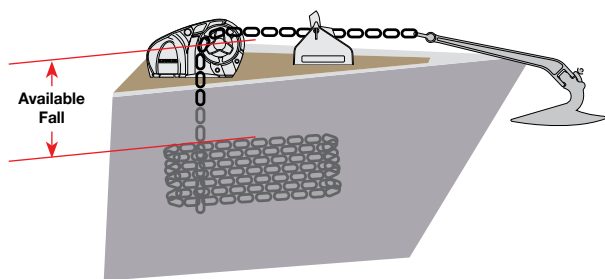
### 1. What size windlass would best suit my boat?

- Use our windlass selection chart found in the section to determine the general size of the windlass to be fitted to your boat by using length and displacement.

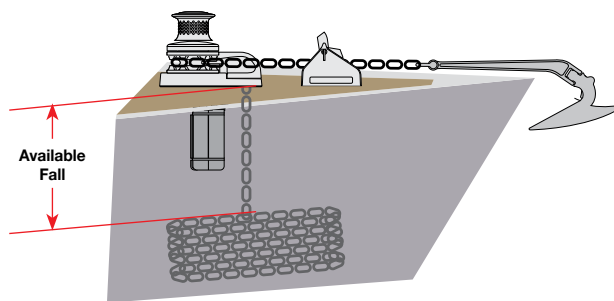
### 2. How long is the anchor rode I wish to use, and will the windlass put the entire rode into my locker?

- Examine the depth of the anchor locker to determine the fall that is available.
- The fall is the vertical distance between the top of the anchor locker and the top of the anchor rode when the entire rode is completely stored inside.
- The windlass is a retrieval device. The windlass retrieves the anchor and rode.
- The windlass does not stow the rode inside the anchor locker; gravity stows the rode.
- You must know how much rode will fit into your locker by gravity. There has to be a free and clear area under the hawse pipe for the incoming rode. Otherwise, you will have to comb the rode back, keeping a clear and free space under the hawse pipe while retrieving the anchor.
- A windlass is not a high-load bearing device. When at anchor your rode should be secured to a chain stopper, a cleat or other mooring point on the bow.

**Horizontal Windlass**



**Vertical Windlass**



#### Horizontal Windlass Key Features

- Most of the windlass unit is on the deck
- Easy installation
- Good for boats with small anchor lockers
- Anchor rode enters the gypsy, makes a 90° turn and feeds into the anchor locker
- Minimum fall of 304mm (12") is recommended in order to have enough gravity to pull the rode down into the locker

#### Vertical Windlass Key Features

- More of the unit is hidden below deck
- Suitable for large anchor lockers
- Anchor rode makes a 180° wrap around the gypsy providing more security
- Minimum fall of 406mm (18") is recommended in order to have enough gravity to pull the rode down into the locker
- Please note this is an indication only. If in doubt please contact your BLA Territory Manager on **1300 252 725**.

### 3. How much pulling power should my windlass have?

Having selected a vertical or horizontal windlass and determined the size required using the chart on page 338, you can cross-check by using the following formula:

**Total weight of ground tackle (anchor and rode)  $\times 4^1$  = Pulling power required by the windlass**

- Working Load, designed to allow prolonged anchor laying and retrieving
- Please note this is an indication only. If in doubt please contact your BLA Territory Manager on **1300 252 725**.

<sup>1</sup>Use x4 for all horizontal windlass and vertical windlass up to V5

<sup>1</sup>Use x2 for V6 vertical windlass and above

#### Windlass and anchor operation basic safety

##### Always

- Always tie off anchor rode to a strong point while at anchor
- Always secure anchor rode/anchor when underway
- Always look before deploying your anchor
- Always motor up to anchor while retrieving
- Always shut off circuit breaker when working on windlass
- Always shut off circuit breaker when windlass is not in use
- Always read the manual and follow safety instructions and warnings

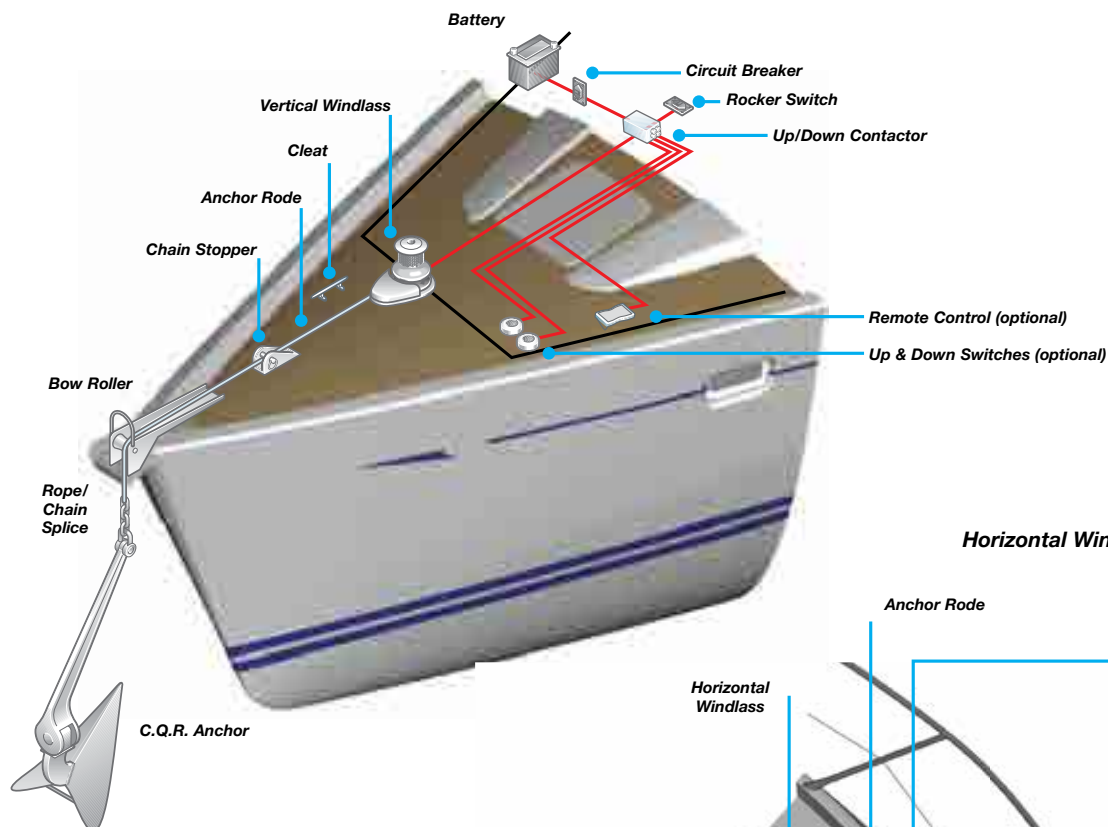
##### Never

- Never allow your windlass to hold the boat while at anchor
- Never use your windlass to pull or tow boat
- Never use your windlass to lift a person
- Never stick fingers in or around gypsy while operating
- Never allow loose clothing and hair to come close to windlass when operating

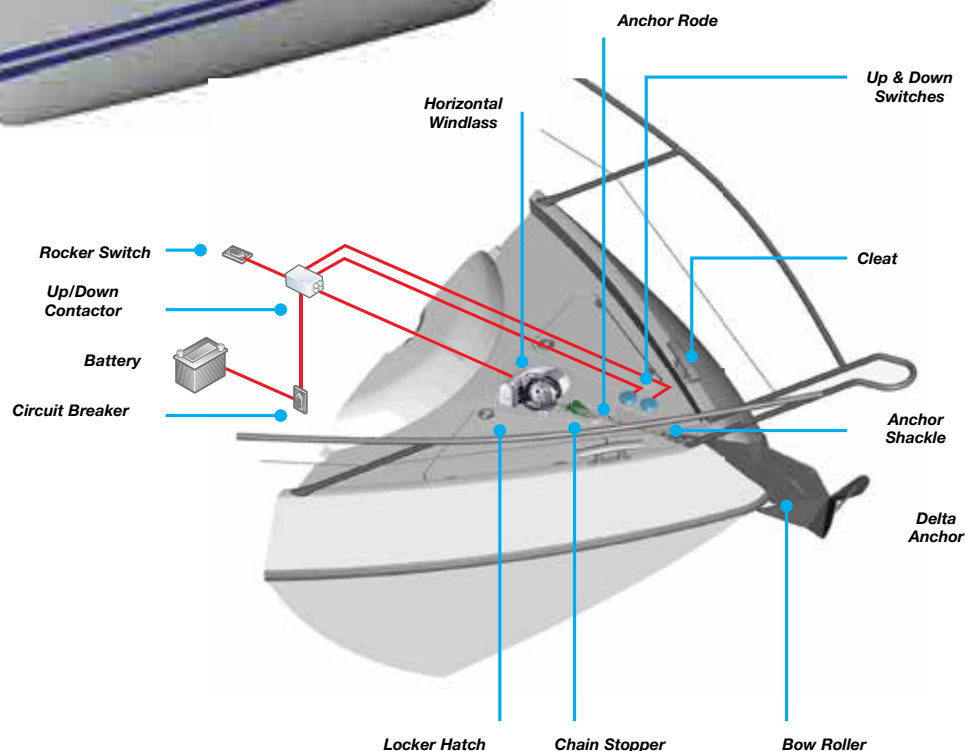
## Windlass & Anchoring Know-How

### Vertical Windlass

Please see your owner's manual for complete installation diagrams.

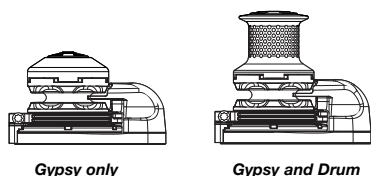


### Horizontal Windlass



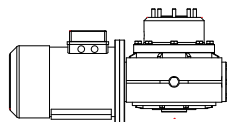
### Specify your Windlass

#### 1 Deck Unit



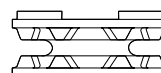
#### 2 Motor Gearbox

- Electric/hydraulic specification

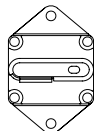


#### 3 Gypsy

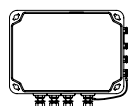
- Chain specification



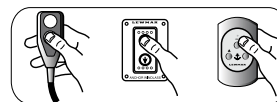
#### 4 Circuit Breaker



#### 5 Contactor / Control Box



#### 6 Switch and Accessories



#### 7 Optional Accessories

- A range of optional accessories are available for each model. Refer to the specific windlass model pages.

## Lewmar® Horizontal Anchor Windlass - Pro-Series

**LEWMAR®**

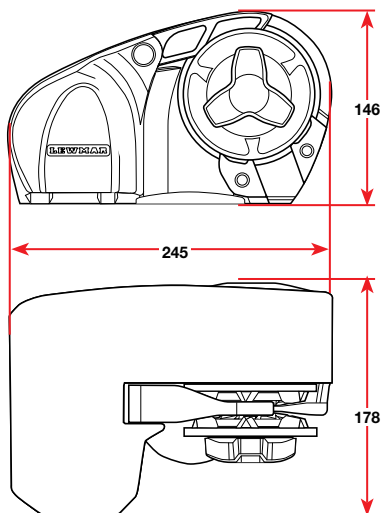
Praised around the world by boaters and professionals alike, the horizontal Pro-Series 700 and 1000 windlasses are outstanding examples of Lewmar's commitment to providing quality products for boats ranging in length from 6m to 11.5m (20ft to 38ft). The range features an external housing manufactured from 100% 316 grade stainless steel creating an incredibly strong and durable anchoring system impervious to the elements. Each winch is supplied as a complete kit ready for installation and includes base gasket, fast mount studs, installation wrench, circuit breaker, dual direction solenoid and panel mount up/down rocker switch. Also included is a combination rope/chain gypsy with the ability to accept 6mm, 7mm (Pro-Series 700), and 8mm (Pro-Series 1000) short link chain together with 12mm (Pro-Series 700), and 14mm to 16mm (Pro-Series 1000) medium lay three strand or eight plait nylon rope (12mm and 16mm only). Operation is via a simple push button control and includes a built-in manual emergency recovery system using included handle/spanner or a 1/2" socket wrench (not included).

### Features:

- Powerful motor for fast line retrieval
- Manual emergency recovery system (included)
- Durable 316 grade stainless steel construction
- Stainless steel control arm and stripper for strength
- Simple above deck installation
- For boats 6m to 11.5m
- Automatic freefall conversion kit available (154398)
- 5 year warranty



154380



154398

Freefall conversion kit

### Standard Inclusions



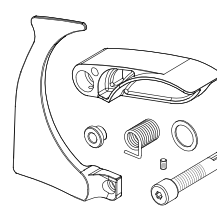
154514



154504



154486



SP15156280

SP15156248



BLA Code	Model	Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154380	Pro-Series 700	500	12	6/7	12	320	79	32	8.5	6-8.5
154382	Pro-Series 1000	700	12	8	14-16	454	114	32	9.5	6-11.5

### Standard Inclusions:

- 154486 Guarded remote up/down rocker switch
- 154504 Dual solenoid pack
- 154512 Circuit breaker panel mount 50A to suit 154380
- 154514 Circuit breaker panel mount 70A to suit 154382
- SP15156248 Emergency recovery handle
- SP15156280 Rope guard upgrade kit (included in 2013+ models)

### Accessories:

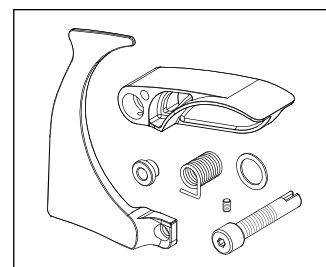
- 154398 Automatic freefall conversion kit
- 154466 Grey down foot switch with closed cover
- 154468 Grey up foot switch with closed cover
- 154470 Stainless steel down foot switch with closed cover
- 154472 Stainless steel up foot switch with closed cover
- SP15156280 Rope guard upgrade kit (2007-2017 models)

N.B. Boat size recommendation is for an average boat under average conditions and is a guide only.

## Pro-Series - Rope Guard Upgrade Kit

### 2007-2017 Models

A complete rope guard and control arm upgrade kit designed to help prevent rope slippage and provide reduced rope jams under high speed free fall. Suitable for most older models sold between 2007 and 2017 that are not pre-installed with this kit.



SP15156280

## Lewmar® Horizontal Anchor Windlass - Pro-Fish

**LEWMAR®**

Praised around the world by boaters and professionals alike, the horizontal Pro-Fish 700 and 1000 windlasses are outstanding examples of Lewmar's commitment to providing quality products for boats ranging in length from 6m to 11.5m (20ft to 38ft). The range features an external housing manufactured from 100% 316 grade stainless steel creating an incredibly strong and durable anchoring system impervious to the elements. Each winch is supplied as a complete kit ready for installation and includes base gasket, fast mount studs, installation wrench, circuit breaker, dual direction solenoid and panel mount up/down rocker switch. Also included is a combination rope/chain gypsy with the ability to accept 6mm, 7mm (Pro-Fish 700), and 8mm (Pro-Fish 1000) short link chain together with 12mm (Pro-Fish 700), and 14mm to 16mm (Pro-Fish 1000) medium lay three strand or eight plait nylon rope (12mm and 16mm only). Operation is via a simple push button control and includes a built-in manual emergency recovery system using included handle/spanner or a 1/2" socket wrench (not included).

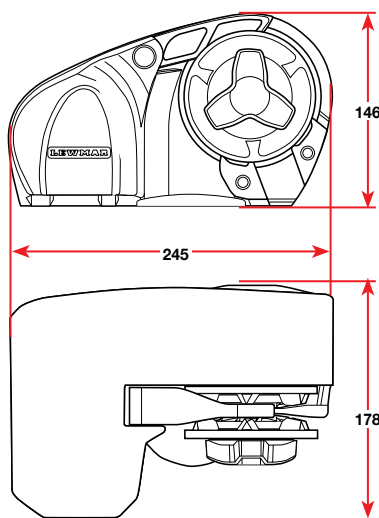
The Pro-Fish 700 and Pro-Fish 1000 range features an automatic freefall system that allows for instant, accurate deployment of tackle at the touch of a button from the safety of the helm position. When retrieval is necessary the system automatically re-engages.

### Features:

- Automatic freefall
- Powerful motor for fast line retrieval
- Manual emergency recovery system (included)
- Durable 316 grade stainless steel construction
- Stainless steel control arm and stripper for strength
- Simple above deck installation
- For boats 6m to 11.5m
- 5 year warranty



154388



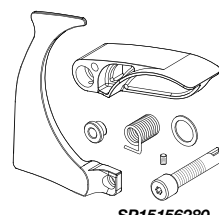
154514



154504



154486



SP15156280



SP15156248

### Standard Inclusions



BLA Code	Model	Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154388	Pro-Fish 700	500	12	6/7	12	320	79	32	8.5	6-8.5
154390	Pro-Fish 1000	700	12	8	14-16	454	114	32	9.5	6-11.5

### Standard Inclusions:

- 154486 Guarded remote up/down rocker switch
- 154504 Dual solenoid pack
- 154512 Circuit breaker panel mount 50A to suit 154388
- 154514 Circuit breaker panel mount 70A to suit 154390
- SP15156248 Emergency recovery handle
- SP15156280 Rope guard upgrade kit (included in 2013+ models)

### Accessories:

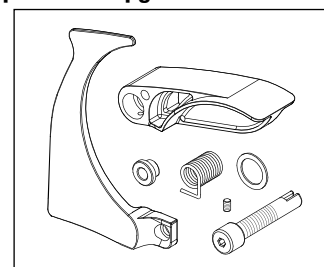
- 154466 Grey down foot switch with closed cover
- 154468 Grey up foot switch with closed cover
- 154470 Stainless steel down foot switch with closed cover
- 154472 Stainless steel up foot switch with closed cover
- SP15156280 Rope guard upgrade kit (2007-2017 models)

N.B. Boat size recommendation is for an average boat under average conditions and is a guide only.

### Pro-Fish Series - Rope Guard Upgrade Kit

#### 2007-2017 Models

A complete rope guard and control arm upgrade kit designed to help prevent rope slippage and provide reduced rope jams under high speed free fall. Suitable for most older models sold between 2007 and 2017 that are not pre-installed with this kit.



SP15156280



## Lewmar® Horizontal Anchor Windlass - H2, H3 Series

**LEWMAR®**

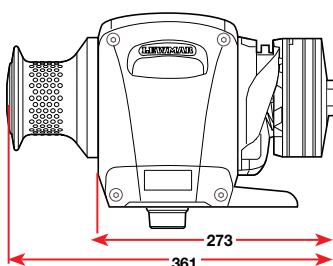
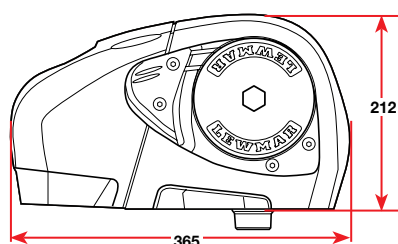
Designed for above deck installation, the H Series of windlasses are driven by a reliable worm drive gearbox providing outstanding power. Each H Series windlass features an integral dual direction solenoid to simplify wiring and is protected by a durable aluminium and composite main case.

### Features:

- Easy one piece installation
- Horizontal worm drive motor-gearbox
- Integral solenoid protected by main case
- Aluminium and composite main case
- Unique capstan - W.A.R.P wear reduction pattern
- For boats 10m to 14m
- Available with Gypsy only or Gypsy Drum
- 3 year warranty



154416



### Standard Inclusions



154518

154486



BLA Code	Model	Watts	Volts Std	Chain Std mm	Rope* mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154410	H2 Gypsy Only	700	12	8	14-16	650	163	21	21.5	10-13
154409	H2 Gypsy Only	700	12	10	14-16	650	163	21	21.5	10-13
154411	H2 Gypsy Only	900	24	8	14-16	760	163	21	21.5	10-13
154413	H2 Gypsy Only	900	24	10	14-16	760	163	21	21.5	10-13
154416	H2 Gypsy Drum	700	12	8	14-16	650	163	21	23.5	10-13
154418	H2 Gypsy Drum	700	12	10	14-16	650	163	21	23.5	10-13
154417	H2 Gypsy Drum	900	24	8	14-16	760	163	21	23.5	10-13
154422	H3 Gypsy Only	1000	12	8	14-16	890	163	28	23.5	11-14
154424	H3 Gypsy Only	1000	12	10	14-16	890	215	28	23.5	11-14
154423	H3 Gypsy Only	1000	24	8	14-16	1020	243	30	23.5	11-14
154425	H3 Gypsy Only	1000	24	10	14-16	1020	243	30	23.5	11-14
154412	H3 Gypsy Drum	1000	12	8	14-16	890	215	28	25.5	11-14
154427	H3 Gypsy Drum	1000	12	10	14-16	890	215	28	25.5	11-14
154429	H3 Gypsy Drum	1000	24	10	14-16	1020	243	30	25.5	11-14

### Standard Inclusions:

- 154516 Circuit breaker panel mount 90A\*  
 154518 Circuit breaker panel mount 110A\*  
 \*Model dependent  
 154486 Guarded remote up/down rocker switch

### Accessories:

- 154466 Grey down foot switch with closed cover  
 154468 Grey up foot switch with closed cover  
 154470 Stainless steel down foot switch with closed cover  
 154472 Stainless steel up foot switch with closed cover  
 154614 Manual recovery kit

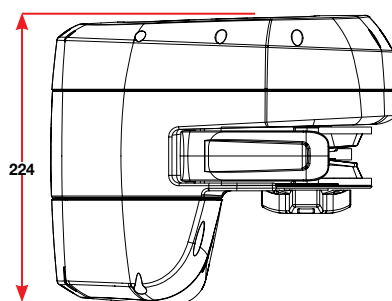
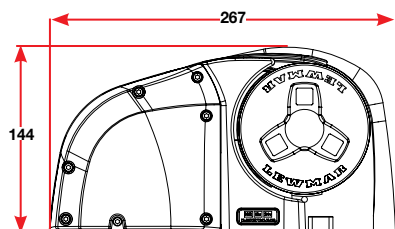
N.B. Boat size recommendation is for an average boat under average conditions and is a guide only.  
 \*14-16mm 3 strand or 16mm 8 plait only

**Lewmar® Horizontal Anchor Windlass - HX1**

Lewmar is launching a new range of stylish, strong and reliable horizontal windlasses that utilise a superior in-line motor and epicyclical gearbox within a strong aluminium chassis. Designed to provide years of trouble free use, you have two gypsy options to choose from - one to suit 6mm, 7mm and 1/4" chain; the other option to suit 8mm chain. The covers are available in a choice of materials - polymer or anodised aluminium. For more information on the HX range please contact BLA on **1300 252 725**.

**Features:**

- Motor range 800W in 12v
- High efficiency epicyclical gearbox
- Sealed waterproof unit requires minimum maintenance
- Anodised aluminium chassis with a choice of polymer or anodised aluminium covers
- IP67 rated as standard
- Quiet operation
- 3 year warranty



**154398**  
Freefall conversion kit

Gypsy Model (Chain Size)	Rope to Suit
6mm, 7mm, 1/4"	12mm 3 strand or 8 Plait
8mm	14-16mm 3 strand or 16mm 8 Plait

Model	Cover Material	Watts	Volts Std	Max Pull kg	Work Load kg	Max Chain Speed m/min	Total Weight GO kg	Total Weight GD kg	Circuit Breaker amp	Boat Size m
HX1 500	Polymer	500	12	690	173	20	11	11.5	50	6-8.5
HX1 800	Polymer	800	12	900	225	21	11	11.5	70	6-11.5
HX1 AL 500	Anodised Alum.	500	12	690	173	20	11.5	12	50	6-8.5
HX1 AL 800	Anodised Alum.	800	12	900	225	21	11.5	12	70	6-11.5

**Accessories:**

**154398** Automatic freefall conversion kit

**N.B.** Specifications current at time of publication. Please contact BLA to confirm before ordering.  
Boat size recommendation is for an average boat under average conditions and is a guide only.



## Lewmar® Vertical Anchor Windlass - v700

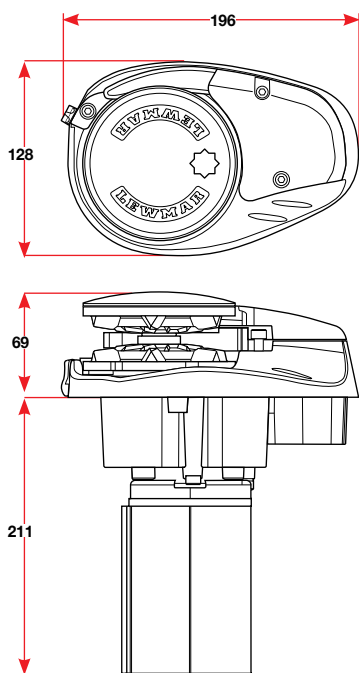
**LEWMAR®**

The V700 is one of the most attractive and durable windlasses available. The above deck housing features 100% 316 grade stainless steel construction to create an attractive sleek, low profile design.

The V700 is supplied with a combination rope/chain gypsy with the ability to accept 6mm, 7mm and ¼" short link chain together with 12mm medium lay three strand or eight plait nylon rope. Simple power up, power down push button operation and two unique built-in features (motor protection and anchor lock), make this an ideal all around winch.

### Features:

- 100% 316 grade stainless steel deck unit
- Low profile design
- Dual direction motor
- Combination rope/chain gypsy
- IP67 rated motor casing
- Fall-safe anchor lock
- Fast line speed
- Impact-resistant motor cover
- For boats up to 10m
- 5 year warranty



Retail Display Packaging



Standard Inclusions



BLA Code	Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Suits Deck mm	Weight kg	Boat Size m
154300	320	12	6/7	12	320	79	25	10-70	6.5	6-10

### Standard Inclusions:

- 154486 Guarded remote up/down rocker switch  
 154504 Dual solenoid pack  
 154510 Circuit breaker panel mount 35A  
 SP15156248 Clutch release handle

### Accessories:

- 154466 Grey down foot switch with closed cover  
 154468 Grey up foot switch with closed cover  
 154470 Stainless steel down foot switch with closed cover  
 154472 Stainless steel up foot switch with closed cover

N.B. Boat size recommendation is for an average boat under average conditions and is a guide only.

## Lewmar® Vertical Anchor Windlass - vx1, vx2, vx3

The Lewmar VX windlass range offers a new windlass product, giving the end user a stylish yet functional product at a competitive price point. Traditional metal gypsies as fitted to windlasses are noisy in operation. Lewmar have developed a patent pending hybrid gypsy, which uses a metal anchor warp core together with a polymer chain wheel. This combination offers a lightweight and quieter solution that ensures a smooth deployment and retrieval of the anchor rode, while still offering the long-life durability of the traditional metal gypsy.

The polymer chain wheel allows the anchor rode chain to bed-in, creating a jump free quieter operation, while the metal anchor warp core grips the warping during deployment and retrieval of the anchor rode.

### Features:

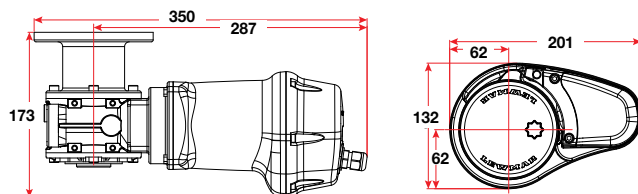
- IP67 cover - helps to reduce maintenance and provides corrosion protection
- Manual clutch release
- Stylish stainless steel and composite construction
- Proven polymer gypsy - quieter compared to metal gypsies
- Lightweight deck unit
- 3 year deck unit warranty
- 1 year motor gearbox warranty

**LEWMAR®**

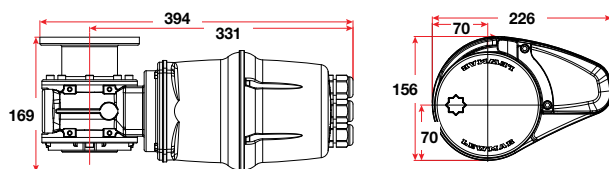
 PRODUCT AVAILABLE  
JULY 2017


VX1

VX1 Vertical Anchor Windlass



VX2/3 Vertical Anchor Windlass



VX2/3

BLA Code	Model	Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154220	Winch Anchor VX1 Go Kit 300W	300	12	6/7	12-16	400	100	25	12.5	6-9.5
154222	Winch Anchor VX1 Go Kit 6/7mm 500W	500	12	6/7	12-16	675	169	25	12.5	6-10.5
154224	Winch Anchor VX1 Go Kit 8mm 300W	300	12	8	12-16	410	100	25	12.5	6-9.5
154226	Winch Anchor VX1 Go Kit 8mm 500W	500	12	8	12-16	675	169	25	12.5	6-10.5
154244	Winch Anchor VX2 Go 8mm 12V Kit	700	12	8	12-16	850	213	29	13.9	8-12.2
154246	Winch Anchor VX2 Go 8mm 24V Kit	900	24	8	12-16	850	213	29	13.9	8-12.2
154248	Winch Anchor VX2 Go 10mm 12V Kit	700	12	10	12-16	850	213	29	13.9	8-12.2
154250	Winch Anchor VX2 Go 10mm 24V Kit	900	24	10	12-16	850	213	29	13.9	8-12.2
154252	Winch Anchor VX2 Gd 8mm 12V Kit	700	12	8	12-16	850	213	29	14.9	8-12.2
154254	Winch Anchor VX2 Gd 8mm 24V Kit	900	24	8	12-16	850	213	29	14.9	8-12.2
154256	Winch Anchor VX2 Gd 10mm 12V Kit	700	12	10	12-16	850	213	29	14.9	8-12.2
154258	Winch Anchor VX2 Gd 10mm 24V Kit	900	24	10	12-16	850	213	29	14.9	8-12.2
154268	Winch Anchor VX3 Go 8mm 12V Kit	1500	12	8	12-16	1175	294	40	16.1	10.5-15.2
154270	Winch Anchor VX3 Go 8mm 24V Kit	1500	24	8	12-16	1175	294	40	16.1	10.5-15.2
154272	Winch Anchor VX3 Go 10mm 12V Kit	1500	12	10	12-16	1175	294	40	16.1	10.5-15.2
154274	Winch Anchor VX3 Go 10mm 24V Kit	1500	24	10	12-16	1175	294	40	16.1	10.5-15.2
154276	Winch Anchor VX3 Gd 8mm 12V Kit	1500	12	8	12-16	1175	294	40	17.1	10.5-15.2
154278	Winch Anchor VX3 Gd 8mm 24V Kit	1500	24	8	12-16	1175	294	40	17.1	10.5-15.2
154280	Winch Anchor VX3 Gd 10mm 12V Kit	1500	12	10	12-16	1175	294	40	17.1	10.5-15.2
154282	Winch Anchor VX3 Gd 10mm 24V Kit	1500	24	10	12-16	1175	294	40	17.1	10.5-15.2

N.B. Kit includes gypsy, rocker switch, contactor and circuit breaker. for more information on VX standard inclusions and spare parts, contact BLA on 1300 252 725. Boat size recommendation is for an average boat under average conditions and is a guide only.



## Lewmar® Vertical Anchor Windlass – v1, v2 & v3

The V series of vertical windlasses features an industry leading external deck unit manufactured from precision cast 316 grade stainless steel.

The V1, V2 and V3 are supplied with a rope/chain gypsy accepting 8mm or 10mm short link chain (model dependent) and 12 to 16mm three strand or eight plait medium lay nylon rope (12mm and 16mm only). The V1, V2 and V3 are fitted as standard with the Fall Safe anchor lock system preventing accidental deployment of the anchor. As an option the V1, V2 and V3 are available with a manual recovery winching system for use in the event of power loss (V1 including manual override - **154332**).

### Features:

- Cast 316 grade stainless steel external unit
- Dual direction motor
- Combination rope/chain gypsy
- Heavy duty worm drive motor
- Cone clutch for easy release
- Chain counter ready
- For boats 7m to 14m
- 3 year warranty

**LEWMAR®**


154330



154342

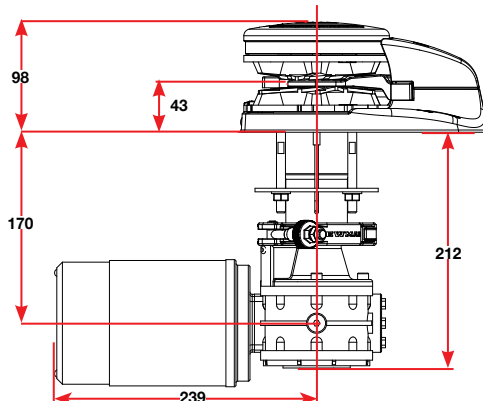
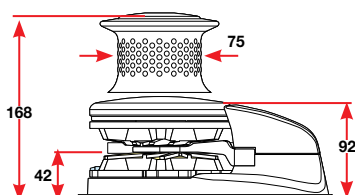
### Standard Inclusions



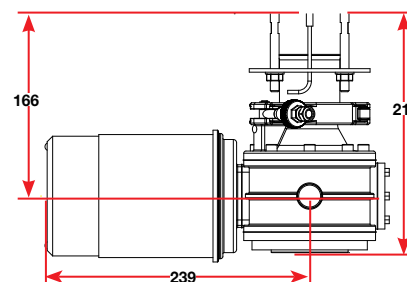
154516

154502

154486



V1 Motor Gearbox  
(Fast-fit option)



V2/V3 Motor Gearbox  
(Fast-fit option)



BLA Code	Model	Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154330	V1 Gypsy Only	700	12	8	12-16	454	113	19	19	9-12
154340	V2 Gypsy Only/FF	700	12	8	12-16	650	163	21	19	10-13
154338	V2 Gypsy Only/FF	700	12	10	12-16	650	163	21	19	10-13
154341	V2 Gypsy Only/FF	900	24	8	12-16	760	180	24	19	10-13
154339	V2 Gypsy Only/FF	900	24	10	12-16	760	180	24	19	10-13
154342	V2 Gypsy Drum/FF	700	12	8	12-16	650	163	21	22	10-13
154343	V2 Gypsy Drum	700	12	10	12-16	650	163	21	22	10-13
154344	V2 Gypsy Drum/FF	900	24	8	12-16	760	180	24	22	10-13
154346	V3 Gypsy Only	1000	12	10	12-16	890	215	28	21.5	11-14
154345	V2 Gypsy Drum	900	24	10	12-16	760	180	24	22	10-13
154348	V3 Gypsy Only	1000	12	8	12-16	890	215	28	21.5	11-14
154349	V3 Gypsy Only	1000	24	8	12-16	1020	243	30	21.5	11-14
154347	V3 Gypsy Only/FF	1000	24	10	12-16	1020	243	30	21.5	11-14
154356	V3 Gypsy Drum	1000	12	8	12-16	890	215	28	24.5	11-14
154357	V3 Gypsy Drum	1000	12	10	12-16	890	215	28	24.5	11-14

### Standard Inclusions:

- 154486 Guarded remote up/down rocker switch
- 154502 Dual 12V solenoid to suit V1/2/3/5
- 154512 Circuit breaker panel mount 50A\*
- 154516 Circuit breaker panel mount 90A\*
- 154518 Circuit breaker panel mount 110A\*

\*Model dependent

### Accessories:

- 154466 Grey down foot switch with closed cover
- 154468 Grey up foot switch with closed cover
- 154470 Stainless steel down foot switch with closed cover
- 154472 Stainless steel up foot switch with closed cover
- 154544 Digital chain counter - dash
- 154545 Digital wireless chain counter & winch control - dash
- 154546 Digital chain counter & winch control - dash
- 154548 Wireless chain counter & digital winch control - hand
- 154566 Gypsy Lewmar® V1/2/3 8mm
- 154570 Gypsy Lewmar® V1/2/3 10mm
- 154609 Manual recovery kit - gypsy only
- 154610 Manual recovery kit - gypsy drum

N.B. Boat size recommendation is for an average boat under average conditions and is a guide only.

## Lewmar® Vertical Anchor Windlass - v4

**LEWMAR®**

The V4 vertical windlass features an industry leading external deck unit manufactured from precision cast 316 grade stainless steel with a robust drive train.

The V4 is available with 10mm or 13mm rope/chain gypsy which also suit either 16mm or 18mm to 21mm three strand or eight plait medium lay nylon rope.

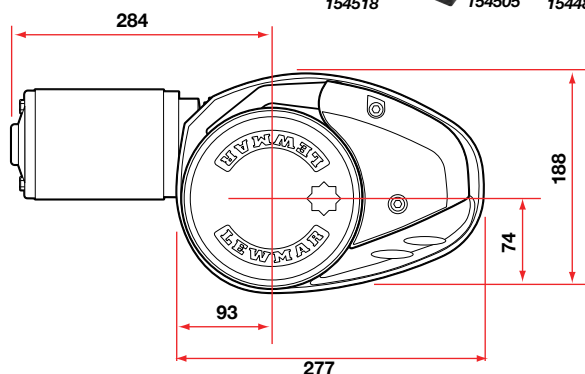
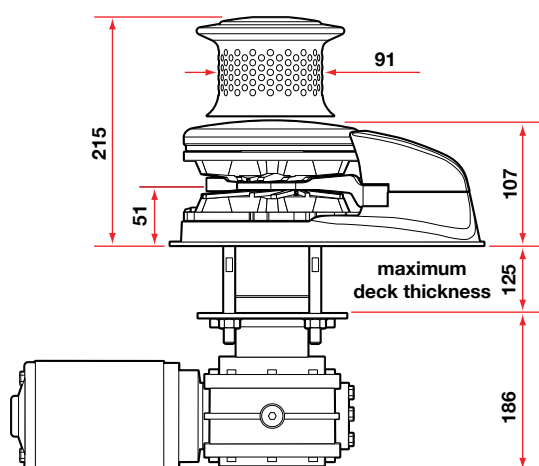
Available as gypsy only or gypsy with capstan drum in either 12 volt or 24 volt models.

### Features:

- Cast 316 grade stainless steel external unit
- Dual direction motor
- Combination rope/chain gypsy
- Cone clutch for easy release
- Digital chain counter ready
- For boats 13m to 18m



### Standard Inclusions



BLA Code	Model	Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154364	V4 Gypsy Only	1600	12	13	18-21	1250	313	25	29	14-18
154365	V4 Gypsy Only	2000	24	10	16	1500	375	27	29	14-18
154367	V4 Gypsy Only	2000	24	13	18-21	1500	375	27	29	14-18
154368	V4 Gypsy Drum	1600	12	10	16	1250	313	25	36	14-18
154370	V4 Gypsy Drum	1600	12	13	18-21	1250	313	25	36	14-18
154371	V4 Gypsy Drum	2000	24	10	16	1500	375	27	36	14-18
154373	V4 Gypsy Drum	2000	24	13	18-21	1500	375	27	36	14-18

### Standard Inclusions:

- 154505 Solenoid dual suit V4 12V  
 154508 Solenoid dual suit V4 24V  
 154486 Guarded remote up/down rocker switch  
 154518 Circuit breaker panel mount 110A\*  
 154522 Circuit breaker panel mount 150A\*  
 \*Model dependent

### Accessories:

- 154466 Grey down foot switch with closed cover  
 154468 Grey up foot switch with closed cover  
 154470 Stainless steel down foot switch with closed cover  
 154472 Stainless steel up foot switch with closed cover  
 154544 Digital chain counter - dash  
 154545 Digital wireless chain counter & winch control - dash  
 154546 Digital chain counter & winch control - dash  
 154548 Wireless chain counter & digital winch control - hand  
 154572 Gypsy V4/5 with 10mm  
 154574 Gypsy V4/5 13mm  
 154576 13mm Gypsy 204 with magnet  
 SP15156266 Manual recovery kit Gypsy Only  
 SP15156282 Manual recovery kit Gypsy Drum

N.B. Boat size recommendation is for an average boat under average conditions and is a guide only.  
 For information on V Series Windlasses to suit larger boats please contact BLA on 1300 252 725.

## Lewmar® Vertical Anchor Windlass - v5

**LEWMAR®**

The V5 vertical windlass features an industry leading external deck unit manufactured from precision cast 316 grade stainless steel with a robust drive train. The V5 is available in a large range of combinations including 12 volt, 24 volt and hydraulic, with each component purchased individually to suit the particular application. Refer to the options chart below to construct your custom windlass kit.

Simply choose the preferred:

- A** gypsy only or gypsy and drum deck unit
- B** motor/gearbox and voltage (which includes solenoid)
- C** rope/chain gypsy
- D** circuit breaker, and
- E** switch options

For hydraulic options, pricing and further information contact BLA on **1300 252 725**.

### Features:

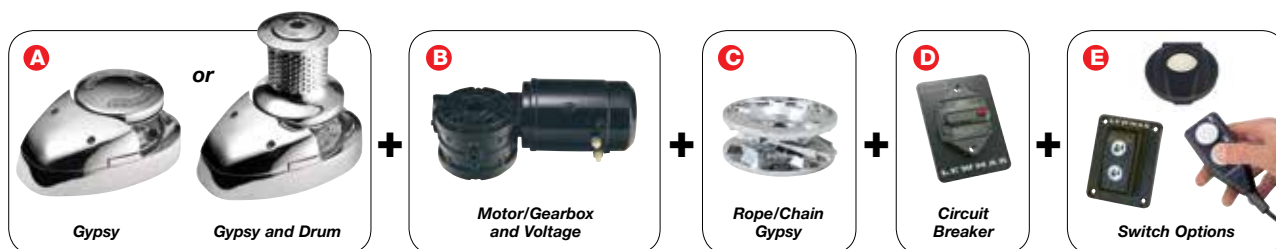
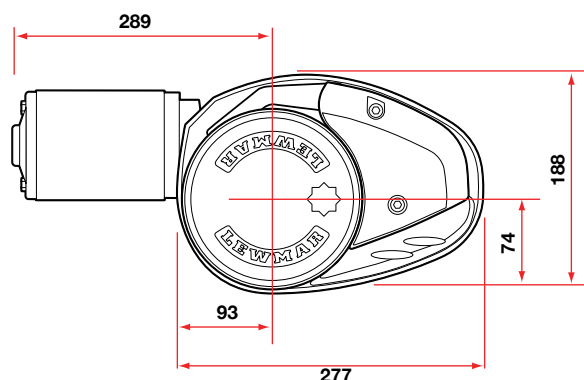
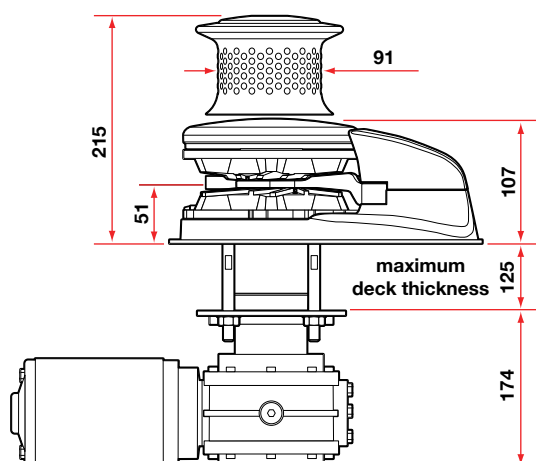
- Cast 316 grade stainless steel external unit
- Dual direction motor
- Combination rope/chain gypsy
- Cone clutch for easy release
- Pre-set for chain meter sensor
- For boats 13m to 22m



154354



55-66810025



Choose one each of the following to construct your custom windlass

<b>A</b> Deck Unit Code	Deck Unit Type	<b>B</b> Motor Gearbox Code	Volts	<b>C</b> Gypsy 10mm Chain 16mm Rope	Gypsy 13mm Chain 18-21mm Rope	<b>D</b> Dual Direction Contactor	<b>E</b> Switch Options
<b>154354</b>	Gypsy Only	<b>154589</b>	12	<b>154572</b>	<b>154574</b>	<b>154502</b> (12v)	Refer 353
<b>154354</b>	Gypsy Only	<b>154590</b>	24	<b>154572</b>	<b>154574</b>	<b>154503</b> (24v)	Refer 353
<b>55-66810025</b>	Gypsy/Drum	<b>154589</b>	12	<b>154572</b>	<b>154574</b>	<b>154502</b>	Refer 353
<b>55-66810025</b>	Gypsy/Drum	<b>154590</b>	24	<b>154572</b>	<b>154574</b>	<b>154503</b>	Refer 353

Watts	Volts Std	Chain Std mm	Rope mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Boat Size m
2000	12	10 or 13	16 or 18-20	1450	363	27	13-22
2000	24	10 or 13	16 or 18-20	1600	400	29	13-22



## Lewmar® Vertical Anchor Windlass - v6

**LEWMAR®**

The V6 vertical windlass features an external deck unit manufactured from precision cast 316 grade stainless steel with 24 volt or hydraulic drive train options. The V6 is available in a large range of combinations, including left or right orientation, with each component purchased individually to suit the particular application. Refer to the options chart below to construct your custom windlass kit.

Simply choose the preferred:

- A** gypsy only or gypsy and drum deck unit
- B** motor/gearbox in left or right orientation
- C** chain gypsy
- D** circuit breaker
- E** contactor, and
- F** switch options

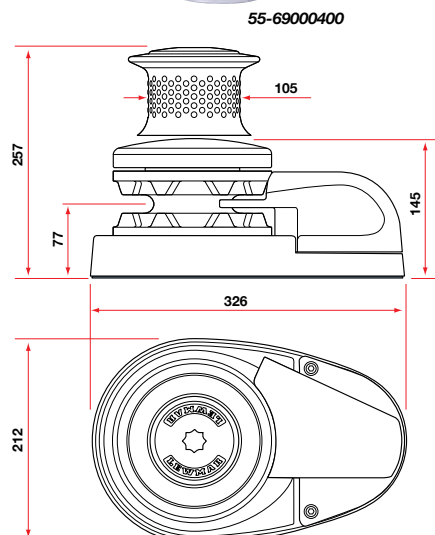
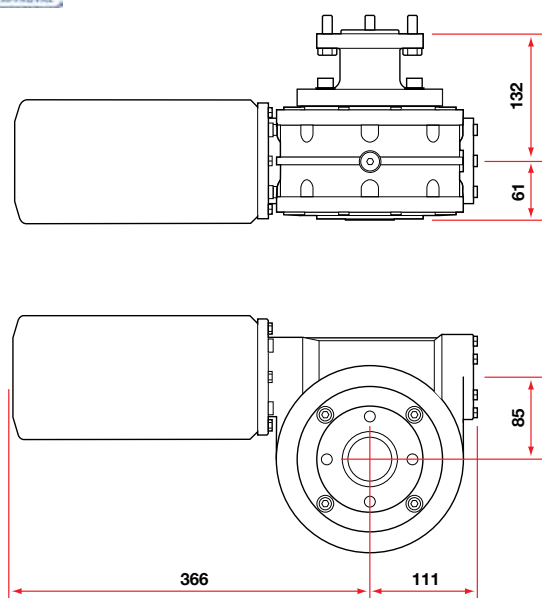
For hydraulic options, pricing and further information contact BLA on **1300 252 725**.

### Features:

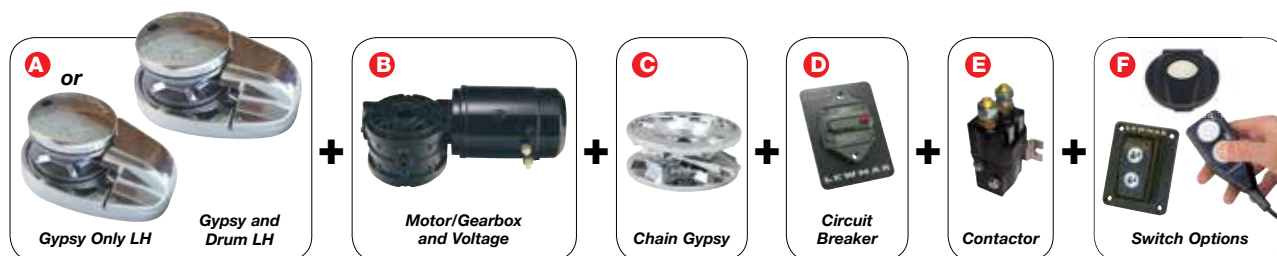
- Cast 316 grade stainless steel external unit
- Wear and abrasion resistant drum pattern
- Left or right hand orientation models
- Lloyds Type Approval
- For boats up to 24m



55-69000402



55-69000400



Choose one each of the following to construct your custom windlass

<b>A</b>	Deck Unit Code	Deck Unit Type	<b>B</b>	Motor Gearbox Code	Volts	<b>C</b>	Gypsy 10mm Chain	Gypsy 13mm Chain	<b>D</b>	Circuit Breaker	<b>E</b>	Dual Direction Contactor	<b>F</b>	Switch Options
	55-69000402	Gypsy Only LH		55-69000407	24		55-68000903	55-68000904		154522		154508		Refer 353
	55-69000403	Gypsy Only RH		55-69000407	24		55-68000903	55-68000904		154522		154508		Refer 353
	55-69000400	Gypsy/Drum LH		55-69000407	24		55-68000903	55-68000904		154522		154508		Refer 353
	55-69000401	Gypsy/Drum RH		55-69000407	24		55-68000903	55-68000904		154522		154508		Refer 353

Watts	Volts Std	Chain Std mm	Max Pull kg	Work Load kg	Max Chain Speed m/min	Boat Size m
2000	24	10 or 13	1818	606	18	to 24





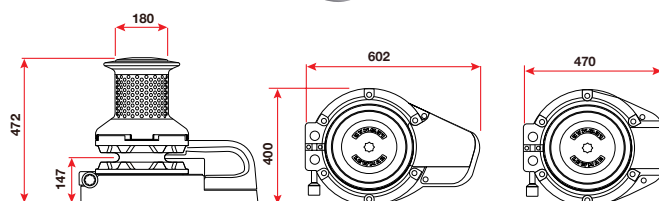
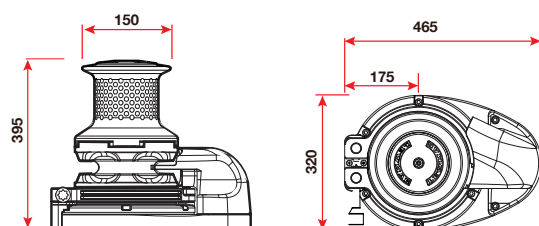
## Lewmar® Vertical Anchor Windlass – v8, v9, v10, v12

The V8, V9, V10 and V12 range of vertical windlasses are designed to offer superior performance for larger vessels up to 50 metres in length. Featuring an external deck unit manufactured from precision cast 316 grade stainless steel with a range of drive train options including AC and hydraulic. The V8, V9, V10 and V12 windlasses are available in a large range of combinations, including left or right orientation and remote chain pipe configurations to suit the particular application.

Other features include independent capstan operation and powered or manual chain release. Lewmar® also makes available a wide range of metric and imperial gypsies including short link and stud link to 22mm. To discuss specific applications, technical details and combinations of deck units, drive trains and full range of accessories please contact BLA on **1300 252 725**.

### Features:

- Large range of gypsies including stud link
- Cast 316 grade stainless steel external unit
- Independent capstan operation
- Powered or manual chain release
- Left or right hand orientation models
- Full range of power options
- Lloyds Type Approval
- For boats up to 50m

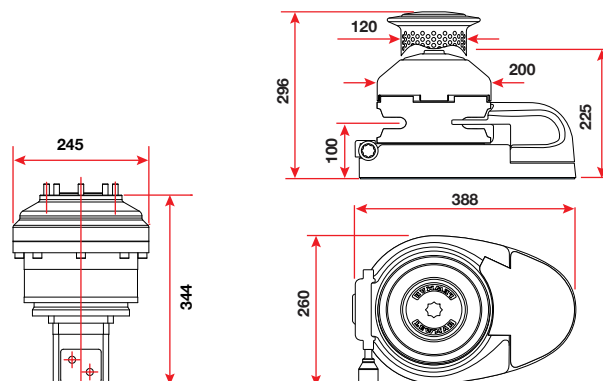


Model	Watts	Max Pull kg	Work Load kg	Max Chain Speed m/min	Boat Size m
V8	2500	2273	1137	24	to 33
V8	3500	2727	1364	23	to 33
V9	4000	3182	1591	18	25-35
V10	5500	4000	2000	18	30-40
V12	7500	5000	2500	20	40-50

LEWMAR®



V8 Gypsy and Drum LH with remote brake option



Lewmar® Capstan Series - C3

The Lewmar® C Series capstans feature a drum that is finished in the unique W.A.R.P pattern (Wear and Abrasion Resistant Pattern) which optimises performance and reduces rope wear by as much as 30%. Each capstan features stainless steel components that provide strength, durability and longevity in an attractive finish.

The C3 capstan is designed to provide excellent rope control at the press of a button while being simple to install with an integrated deck and motor unit allowing all fasteners to be above deck.

Features:

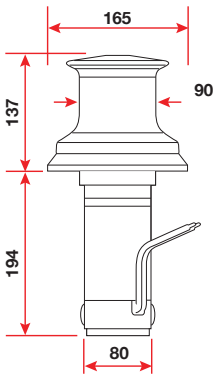
- Quick and easy installation
- Unique capstan - W.A.R.P wear reduction pattern
- 316 grade stainless steel components above deck
- For boats 8m to 16m
- Integrated deck unit and motor gear box



BLA Code	Watts	Volts Std (Opt)	Max Pull kg	Work Load kg	Max Chain Speed m/min	Weight kg	Boat Size m
154430	1000	12	750	188	12	12.0	8-16
55-6630332312	1000	24	850	213	12	12.0	8-16

Accessories:

154459	Switch Foot Closed White	154500	Solenoid pack
154460	Switch Foot Closed Grey	154512	Circuit breaker panel mount 50A*
154469	Switch Foot Closed White	154514	Circuit breaker panel mount 70A*
154484	Switch Foot SX Closed Lid Black		*Model dependent
154485	Switch Foot SX Closed Lid Stainless Steel		



N.B. Boat size recommendation is for an average boat under average conditions and is a guide only. Switch solenoid and circuit breaker not included.



## Lewmar® Gypsy

Replacement chromed brass and hybrid polymer gypsy to suit Lewmar® anchor winches and most types of chain up to 22mm stud link.

**LEWMAR®**


BLA Code	Description	Chain Size mm	Windlass Model
154557	Gypsy V700 Rope/Chain	6	V700
154558	Gypsy Pro Series Rope/Chain	6/7	Pro Series/Fish
154560	Gypsy CPX	8	CPX0,1,2,3,4,5
154562	Gypsy CPX	10	CPX0,1,2,3,4,5
154566	Gypsy V1/V2/V3	8	V1/V2/V3
154570	Gypsy V1/V2/V3	10	V1/V2/V3
154572	V4/V5 Gypsy Assy 202	10	V4/V5
154574	V4/V5 Gypsy Assy 204	13	V4/V5
154578	Gypsy H2 H3 RC173	8	H2/H3
SP15156249	Gypsy Pro Series Gpsy RC	8	Pro Series/Fish
55-68100034	Gypsy VX1	6/7	VX1
55-68100033	Gypsy VX1	8	VX1
55-68120040	Gypsy VX2/3	6/7	VX2/3
55-68120041	Gypsy VX2/3	8	VX2/3
55-68120042	Gypsy VX2/3	10	VX2/3
55-68140009	Gypsy HX1	6/7	HX1
55-68140010	Gypsy HX1	8	HX1
55-66000006	Gypsy H2 H3 RC163	10	H2/H3
55-68000877	V8 Shortlink Gypsy Assy	13	V8
55-68000878	V8 Shortlink Gypsy Assy	14	V8
55-68000879	V8 Shortlink Gypsy Assy	16	V8
55-68000903	V6 Gypsy Assembly	10	V6
55-68000904	V6 Gypsy Assembly	13	V6



## Lewmar® Foot Switches

A range of foot switches providing direct control for all Lewmar® 12 or 24 volt DC electric windlasses.

Each switch features a solid hinged cover for protection and to guard against accidental foot operation with optional centre hole open models which allow for finger operation when required. Suitable for 5A open contact 12 or 24 volt, must be used with solenoid or control box.

For additional protection consider the SX range. Rated to IP67/5 for water resistance and feature a twin sealed switch compartment and composite plastic body. Available with either a composite plastic or polished stainless steel hinged lid.

**LEWMAR®**


154467



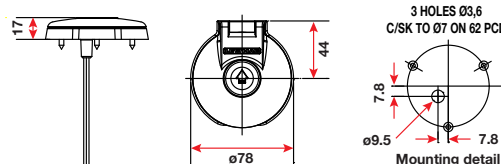
154469



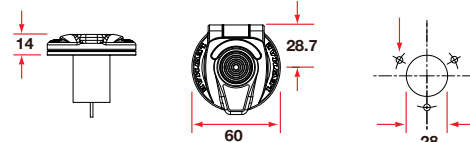
154479

BLA Code	Model	Colour	Direction	Lid Material	Centre Opening	Volts
154459	Std	White	-	Plastic	No	12/24
154460	Std	Grey	-	Plastic	No	12/24
154461	Std	White	-	Plastic	Yes	12/24
154462	Std	Grey	-	Plastic	Yes	12/24
154465	Std	White	Down	Plastic	No	12/24
154466	Std	Grey	Down	Plastic	No	12/24
154467	Std	White	Up	Plastic	No	12/24
154468	Std	Grey	Up	Plastic	No	12/24
154469	Std	S/S	-	S/S	No	12/24
154470	Std	S/S	Down	S/S	No	12/24
154472	Std	S/S	Up	S/S	No	12/24
154479	SX	Black	-	Plastic	Yes	12/24
154483	SX	-	-	S/S	Yes	12/24
154484	SX	Black	-	Plastic	No	12/24
154485	SX	S/S	-	S/S	No	12/24

Std Foot Switch Dimensions



SX Foot Switch Dimensions





## Lewmar® Guarded Rocker Switch

Momentary, up-off-down panel mounted switch with black plastic backing plate, plastic rocker switch and raised guard surround to prevent accidental activation. Supplied as standard with Lewmar® anchor winches. Suitable for 12 or 24 volt use and multiple station installations.

LEWMAR®



BLA  
Code  
**154486**

## Lewmar® Corded Hand Held Remote Control

Hand held up/down remote control suitable for most solenoid activated switching including windlasses, small cranes, paserelles, thrusters and swimming platforms. Ergonomic hand control features one up button and one down button plus rubber over moulding for shock protection and grip.

The hand held remote connects to DC, AC and hydraulic systems and can be operated in parallel with other Lewmar® products such as toggle switches, foot switches or other controls.

Rated to IP67 and supplied complete with 4 metres of coiled cable with moulded plug and deck socket with gold plated contacts, stowage cradle and socket sealing cap. Suitable for 12 or 24 volt use, 5 amps draw.

LEWMAR®



BLA  
Code  
**154531**

## Lewmar® Wireless Remote Control

The wireless remote control allows up and down operation of any solenoid switched windlass. The five switch wireless remote combines windlass and thruster control, allowing port or starboard thrust operation and up or down operation of the windlass.

Each kit includes one, three or five button wireless fob and one receiver capable of receiving up to eight remote fobs. Each receiver has the ability to sequence over one billion individual codes which helps eliminate false triggering from interference. The floating fob is waterproof to IP67 with additional fobs available separately. May be retrofitted to existing installations.

Where signal range presents a problem, Lewmar® also offers a remote antenna kit **154540**, providing additional signal strength where reception is poor or distance is an issue to the windlass or thruster. Kit includes 10 metres of wiring, antenna and mounting bracket.

LEWMAR®



154537

Remote as supplied  
in 154538 5 Button kit

BLA Code	Description
<b>154536</b>	3 Button kit
<b>154537</b>	3 Button spare remote
<b>154538</b>	5 Button kit
<b>154540</b>	Remote antenna kit



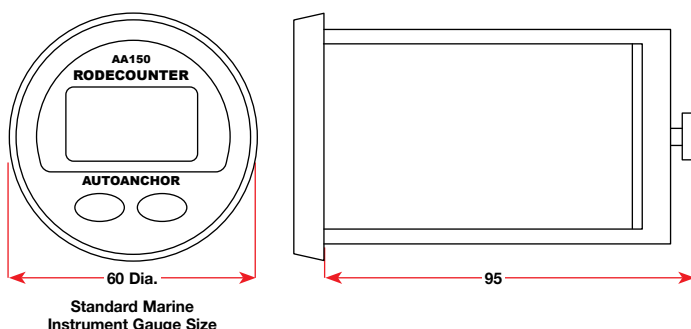
## Lewmar® Chain Counter - AA150

**LEWMAR®**

The AA150 (AutoAnchor 150) is a dash mounted LED rode/chain counter to fit most windlasses.

Displays the length of rode that has passed through the windlass. This easily set up plug-and-play unit features an audible alarm when the anchor is close to docking, choice of feet or metres measurement and adjustable back lit display for clear night viewing.

Kit includes console display with sensor plug, two metre grey sensor cable and plug, magnet, motor load sensor terminators and fastening kit. Suitable for use with 12 or 24 volt DC, AC and hydraulic windlasses and may be used with a second unit or combined with other Lewmar® chain counters. Sensor cable extensions and associated accessories are sold separately.



BLA  
Code  
**154544**

## Lewmar® Chain Counter - AA560 / AA570

**LEWMAR®**

The AA560 wired and AA570 wireless AutoAnchor are designed to completely control the windlass and to inform how much anchor rode is deployed from the helm station. The adjustable pre-set automatic one touch function deploys and retrieves the anchor rode at the push of a button making anchoring easier and safer.

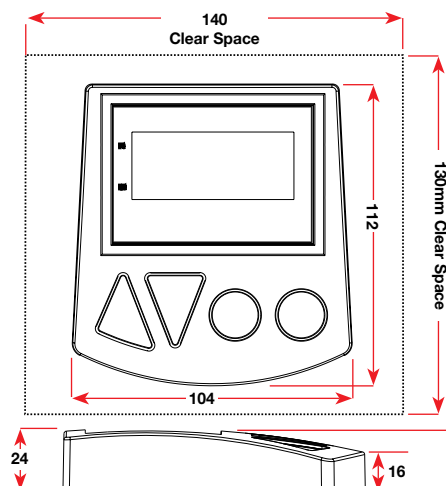
Panel mounted plug and play display with adjustable back lighting features docking alarm and pre-set stopping point to avoid unnecessary damage during retrieval plus safety lock to reduce accidental deployment. Both models include in-built diagnostics with windlass operating hours and a range of optional measurement settings including feet, metres and fathoms. Suitable for use with 12 or 24 volt DC, AC and hydraulic windlasses and may be used with a second unit or combined with other Lewmar® chain counters.

The wired **154546** AA560 kit includes console display with sensor plug, two metre grey sensor cable and plug, magnet, motor load sensor terminators and fastening kit. Sensor cable extensions and associated accessories are available separately.

The wireless **154545** AA570 offers instant connection to the base station (included) for complete wireless control of the windlass with no cables required. Seamless interface with single **154548** hand control unit (refer p. 356) and easy one off calibration for multiple station set-ups is achieved via the base station. Typical base station minimum range is 10 metres with increased range available via optional **154540** remote antenna.



Base Station included  
with 154545



BLA Code	Description
<b>154545</b>	Wireless chain counter AA570
<b>154546</b>	Wired chain counter AA560

N.B. 154545 not suitable on steel or carbon-fibre boats.



**Lewmar® Wireless Control and Chain Counter - AA710****LEWMAR®**

The AA710 (AutoAnchor 710) wireless windlass hand control and chain counter provides complete flexibility and control from the helm station or on deck. Clear LED display shows amount of anchor rode deployed while the intuitive buttons allow full windlass and bow thruster control either independently or together plus a built in safety lock prevents unwanted operation.

The plug and play ergonomic hand controller is supplied with console holder and protective cover and is shockproof, waterproof and floats. High level wireless transmission security includes unique ID registration for each unit.

Includes a programmable pre-set length deployment function and auto stop with docking alarm when the anchor is close to full retrieval. Includes log for windlass operating hours and a range of optional measurement settings including feet, metres and fathoms. Suitable for use with 12 or 24 volt DC, AC and hydraulic windlasses and operates in parallel with other control equipment such as panel and foot switches.

Kit includes hand held wireless remote control unit, base station with male sensor plug, grey sensor with two metre cable and plug, magnet and motor load sensor terminators.



BLA  
Code  
**154548**

