

LEWMAR®

Hardware Blocks | Sheave Package | Pad Eyes | Track | On Deck Control
Below Deck Sheeting | Winches | Anchoring | Navtec | Hydraulics

Custom Components Guide

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LEWMAR®

www.lewmar.com

LEWMAR®

The custom components of choice for cruising, racing, and superyachts

Lewmar has been designing and manufacturing innovative control solutions for sail and motor boats since 1946. With a portfolio that includes hardware, winches, hydraulics, and windlasses, Lewmar can provide a complete bespoke system tailored to specific applications and functional requirements.

Drawing upon a wealth of experience and strong relationships with naval architects, yards, and captains, the Lewmar Design Engineers are focussed upon striking a balance between aesthetics, weight, and performance. Simply put, the equipment on a 21st-century superyacht needs to be as light as possible, deliver superior performance, and look stunning.

From your initial enquiry, through manufacture and installation, to sailing in the field, the Lewmar Sales Team offers you technical guidance and support. Drawing upon the expertise of the Lewmar Custom Design Team, your dedicated Sales Advisor will ensure that you specify the most suitable product for the application. Following installation, a global technical support network, including refit facilities in France and the United States, ensures that you will receive assistance, wherever you are in the world.

Contents

Blocks



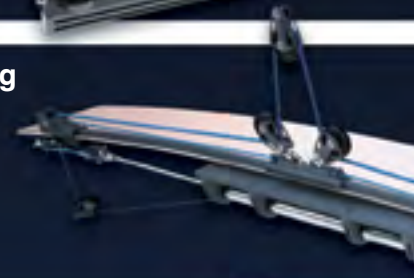
Sheave Package & Pad Eyes



On Deck Control



Below Deck Sheeting



Winches



Anchoring



Hydraulics

NAVTEC® Hydraulics



Image © Joep Niesink

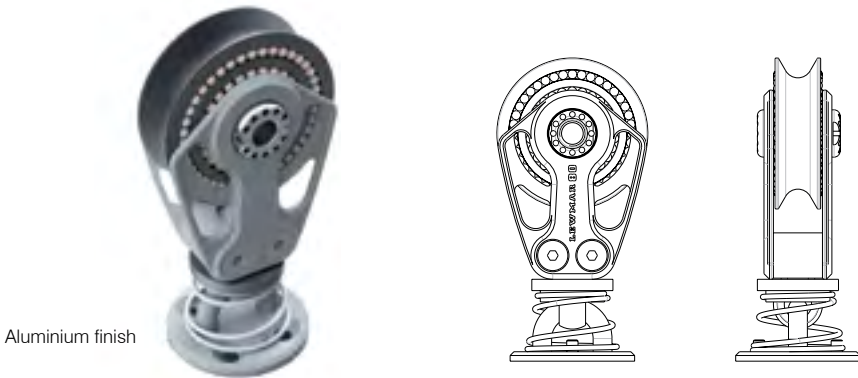
Skeletal Block Range

Drawing upon the latest cutting-edge design and material advances, the Skeletal Block offers strength and Grand Prix performance combined with a sleek, on-trend, minimalist look. The structural loads typically found in the head of a block have been re-routed through the cheeks of the Skeletal Block while any non-load bearing material is sculpted out. An evolution of the Lewmar Racing Range, the head is constructed from minimal parts and, with no requirement to support load, is super-light. Featured in many configurations, the Skeletal Block is more compact than an equivalent typical block. Available in aluminium, stainless steel, or titanium finish and in a range of sizes.



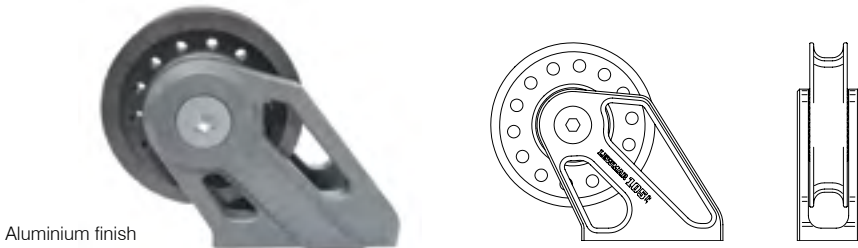
Stainless steel finish

Swivel Eye Upright Block



PART	SIZE	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
		kg	lb	kg	lb	mm	in	g	oz	mm	in
29190807	80	3000	6615	6000	13230	16	5⁄8	1770	62	80	3 1⁄8
29191057	105	5000	11025	10000	22050	16	5⁄8	2304	81	105	4 1⁄8
29191307	130	7500	16538	15000	33075	18	11⁄16	3050	108	130	5 1⁄8
29191557	155	10000	22050	20000	44100	25	1	4420	156	155	6 1⁄8
29191757	175	15000	33075	30000	66150	25	1	5740	202	175	6 7⁄8

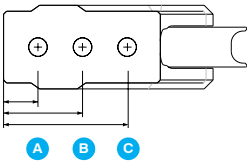
Fixed Halyard Block



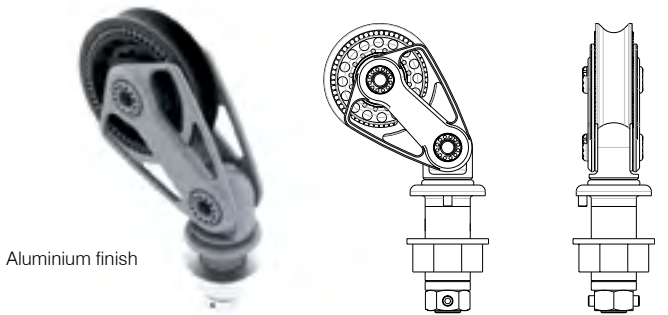
PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
			kg	lb	kg	lb	mm	in	g	oz	mm	in
29902100	105	Fixed Eye Halyard Block	4000	8820	8000	17640	16	5⁄8	576	20	105	4 1⁄8
29912093	105	High Load Fixed Eye Halyard Block (6.5T)	6500	14333	13000	28665	18	11⁄16	1067	38	105	4 1⁄8
29383239	130	High Load Fixed Eye Halyard Block	9500	20948	19000	41895	20	13⁄16	2500	88	130	5 1⁄8

Fixing Dimensions

PART	SIZE	A		B		C	
		mm	in	mm	in	mm	in
29902100	105	16	5⁄8	42	1 5⁄8	68	2 11⁄16
29912093	105	23	15⁄16	42	1 5⁄8	68	2 11⁄16
29383239	130	23	15⁄16	63	2 1⁄2	103	4 1⁄16



Halyard Block and Low-Profile Swivel Pin



Aluminium finish

PART	SIZE	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER		BOLT SIZE
		kg	lb	kg	lb	mm	in	g	oz	mm	in	
29394061	105	5000	11025	10000	22050	18	11⁄16	3080	109	105	4 1⁄8	M42
29396061	130	7500	16538	15000	33075	24	15⁄16	4700	166	130	5 1⁄8	M42
29397061	155	10000	22050	20000	44100	25	1	6540	231	155	6 1⁄8	M56
29397003	175	15000	33075	30000	66150	25	1	7840	277	175	6 7⁄8	M56

Bespoke Halyard Blocks

Fixing Dimensions

PART	SIZE	A		B	
		mm	in	mm	in
29383191	155	70	2 3⁄4	70	2 3⁄4
29383186	175	72	2 13⁄16	72	2 13⁄16



Skeletal Block on Removable Eye (AL)

PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
			kg	lb	kg	lb	mm	in	g	oz	mm	in
29383252	105	Skeletal Block on Removable Eye	5000	11025	10000	22050	16	5⁄8	3300	116	105	4 1⁄8
29383253	130	Skeletal Block on Removable Eye	7000	15435	14000	30870	18	11⁄16	5600	198	130	5 1⁄8
29383191	155	Skeletal Block on Removable Eye	12000	26460	24000	52920	25	1	7300	257	155	6 1⁄8
29383186	175	Skeletal Block on Removable Eye	15000	33075	30000	66150	25	1	9800	346	175	6 7⁄8

Single Shackle Block

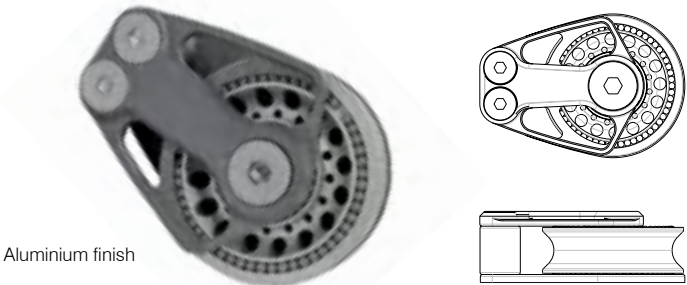


Aluminium finish

Also available with loop head (AL)

PART	SIZE	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
		kg	lb	kg	lb	mm	in	g	oz	mm	in
29190801	80	3000	6615	6000	13230	16	5⁄8	827	29	80	3 1⁄8
29191051	105	5000	11025	10000	22050	16	5⁄8	1250	44	105	4 1⁄8
29191301	130	7500	16538	15000	33075	18	11⁄16	2130	75	130	5 1⁄8
29191551	155	10000	22050	20000	44100	25	1	3240	114	155	6 1⁄8
29191751	175	15000	33075	30000	66150	25	1	5250	185	175	6 7⁄8

Footblocks

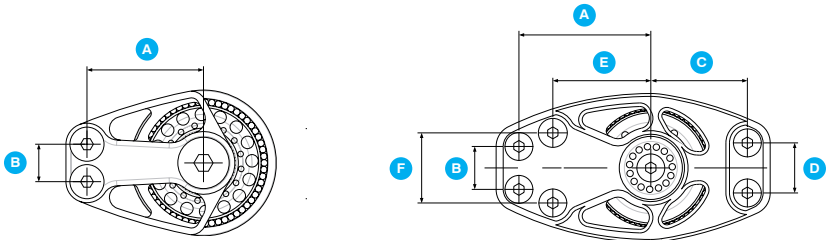


Aluminium finish

PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
			kg	lb	kg	lb	mm	in	g	oz	mm	in
29383228	105	Wide Skeletal Footblock	5000	11025	10000	22050	18	11⁄16	2450	86	105	4 1⁄8
29383198	105	Skeletal Footblock	5000	11025	10000	22050	20	13⁄16	1500	53	105	4 1⁄8
29383194	105	Pivot Footblock	5000	11025	10000	22050	20	13⁄16	2030	72	105	4 1⁄8
29383200	130	Wide Skeletal Footblock	7500	16538	15000	33075	24	15⁄16	2230	79	130	5 1⁄8
29383211	155	Skeletal Footblock	10000	22050	20000	44100	24	15⁄16	6200	219	155	6 1⁄8
29383230	175	Single Footblock	16000	35280	32000	70560	30	1 7⁄16	43000	1517	175	6 7⁄8
29383231	206	Double Footblock	24000	52920	48000	105840	28	1 1⁄8	43000	1517	203	8

Single, Double, or Wide Sheave options available

Fixing Dimensions



PART	SIZE	A		B		C		D		E		F	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
29383210	80	64	2 1⁄2	27	1 1⁄8	59	2 3⁄8	40	1 5⁄8	—	—	—	—
29383228	105	84	3 3⁄8	27	1 1⁄8	—	—	—	—	—	—	—	—
29383198	105	84	3 3⁄8	27	1 1⁄8	—	—	—	—	—	—	—	—
29383194	105	123	4 13⁄16	—	—	—	—	—	78	3 1⁄8	33	1 3⁄8	—
29383200	130	104	4 1⁄8	33	1 3⁄8	—	—	—	—	—	—	—	—
29383211	155	103	4 1⁄8	40	1 5⁄8	124	4 7⁄8	40	1 5⁄8	—	—	—	—
29383230	175	117	4 5⁄8	58	2 3⁄8	140	5 1⁄2	58	2 3⁄8	—	—	—	—
29383231	206	184	7 1⁄4	60	2 3⁄8	135	5 3⁄8	70	2 3⁄4	137	5 3⁄8	98	3 7⁄8

Skeletal Block & Removable Pad Eye (AL)



Image © Joep Niesink

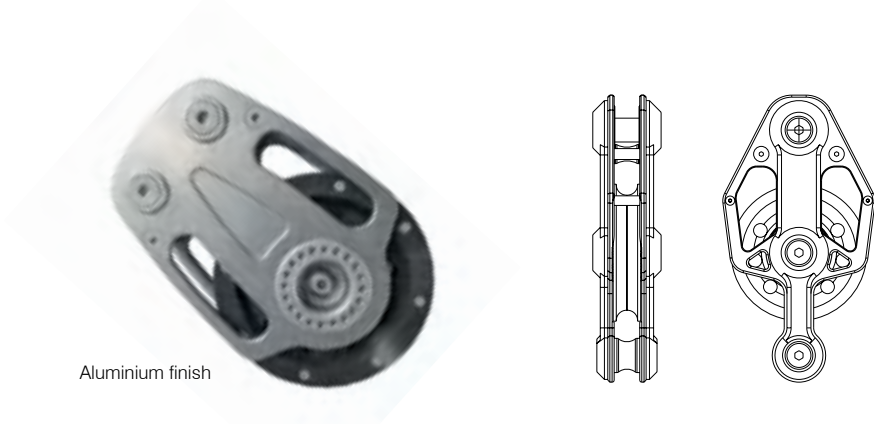


Image © Joep Niesink

Image © Pendennis Cup

Skeletal Web Block (AL)

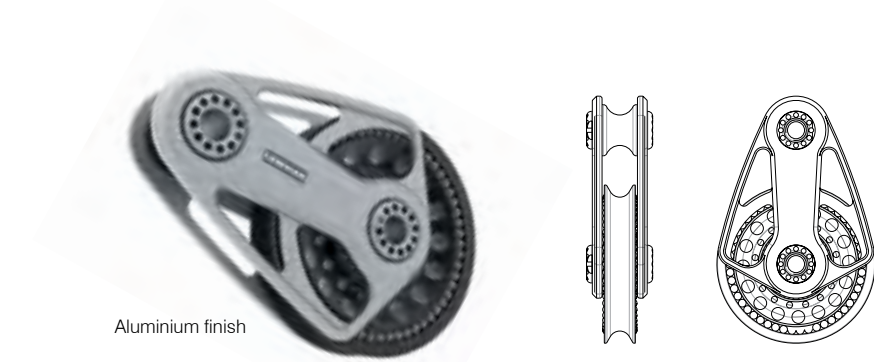
Runner Block



Aluminium finish

PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
			kg	lb	kg	lb	mm	in	g	oz	mm	in
29383220	200	Runner Block	20000	44100	45000	99225	26	1	7130	252	200	7 7⁄8
29383238	200	High Load Runner Block	20000	44100	45000	99225	26	1	5950	210	200	7 7⁄8
29383167	250	Runner Fly Block	20000	44100	45000	99225	20	13⁄16	9600	339	250	9 13⁄16
29383151	250	Runner Becket Block	30000	66150	60000	132300	26	1	1120	40	250	9 13⁄16
29383166	300	Runner Fly Block	41000	90405	100000	220500	24	15⁄16	1650	58	300	11 13⁄16

Skeletal Web Block

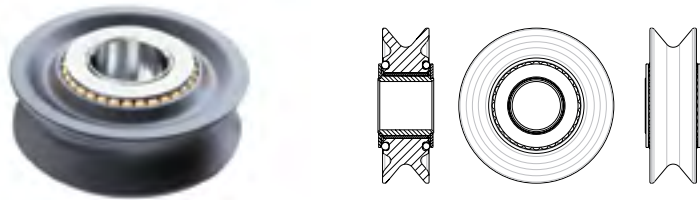


Aluminium finish

PART	SIZE	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
		kg	lb	kg	lb	mm	in	g	oz	mm	in
29383141	80	3000	6615	6000	13230	16	5⁄8	405	14	80	3 1⁄8
29383142	105	5000	11025	10000	22050	16	5⁄8	640	23	105	4 1⁄8
29383143	130	7000	15435	14000	30870	18	11⁄16	1330	47	130	5 1⁄8
29383144	155	10000	22050	20000	44100	25	1	1640	58	155	6 1⁄8
29383145	175	15000	33075	30000	66150	25	1	1930	68	175	6 7⁄8

Sheave Package

With a choice between plain bearing or a ball race, Lewmar Sheave Packages can be tailored to the specific load requirement. Plain bearings ensure performance and strength under high load, while a Torlon ball race reduces friction at low load. Each aluminium sheave features stainless steel side plates which counter subtle differences in the tolerance of the sheave housing. The self-contained sheave can be dropped into place and will run smoothly, while each side place offers protection from ball friction damage to carbon sheave housings. Lewmar Custom Sheaves are available in multiple configurations to suit specific applications.

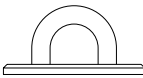


PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER		PIN SIZE		SHEAVE WIDTH	
			kg	lb	kg	lb	mm	in	g	oz	mm	in	mm	in	mm	in
29913070	70	Wide Sheave Package	6000	13230	12000	26460	24	1 ⁵ / ₁₆	336	12	70	2 ³ / ₄	24.5	1	49	1 ¹⁵ / ₁₆
29383105	105	High Load Sheave Package	5000	11025	10000	22050	18	1 ¹ / ₁₆	371	13	105	4 ¹ / ₈	20.5	13/16	32	1 ¹ / ₄
29913105	105	Wide Sheave Package	6500	14333	13000	28665	26	1	816	29	105	4 ¹ / ₈	24.5	1	56	2 ¹ / ₁₆
29913130	130	High Load Sheave Package	12000	26460	24000	52920	24	1 ⁵ / ₁₆	973	34	130	5 ¹ / ₈	40.5	1 9/16	46	1 ¹³ / ₁₆
29913155	155	High Load Sheave Package	17000	37485	32000	70560	26	1	1500	53	155	6 ¹ / ₈	40.5	1 9/16	56	2 ¹ / ₁₆
29913175	175	High Load Sheave Package	22500	49613	25000	55125	26	1	1760	62	175	6 ⁷ / ₈	40.5	1 9/16	65	2 ³ / ₁₆
29913206	206	High Load Sheave Package	28500	62843	57000	125685	28	1 ¹ / ₈	2920	103	206	8 ¹ / ₈	46.5	1 13/16	52	2 ¹ / ₁₆
29913285	285	High Load Sheave Package	38000	83790	76000	167580	34	1 ³ / ₁₆	9800	346	285	11 ⁷ / ₈	50.5	1	65	2 ³ / ₁₆

Pad Eyes

Featuring a single, through-deck base fixing, the Lewmar Pad Eye offers a smaller, more compact footprint than an equivalent multiple-fixed model. The interchangeable tops provide a choice of configuration that can be customised for each specific requirement, from a fixed eye for a web block to a removable loop. Each Pad Eye is compatible with the Skeletal Block Range, complementing the styling and finish to provide a seamless control solution.

Fixed Pad Eye

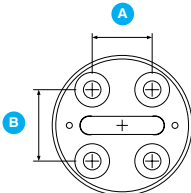


Halyard Fixed Pad Eye

PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		WEIGHT		SHEAVE DIAMETER		BOLT SIZE
			kg	lb	kg	lb	g	oz	mm	in	
29904053	105	Halyard Fixed Pad Eye	5000	11025	10000	22050	435	15	105	4 ¹ / ₈	–
29397058	155	Fixed Pad Eye Plate	12000	26460	24000	52920	2140	75	155	6 ¹ / ₈	–
29397001	175	Deck Cup Base	15000	33075	30000	66150	1590	56	175	6 ⁷ / ₈	M56

Fixing Dimensions

PART	SIZE	DESCRIPTION	A		B	
			mm	in	mm	in
29904053	105	Halyard Fixed Pad Eye	42	1 ⁵ / ₁₆	50	2
29397058	155	Fixed Pad Eye Plate	57	2 ¹ / ₁₆	57	2 ¹ / ₁₆

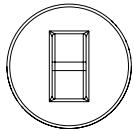


Screw-In Pad Eye

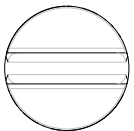
Removable Screw-In Pad Eye & Base (AL)



Multi-Fix Web Pad Eye



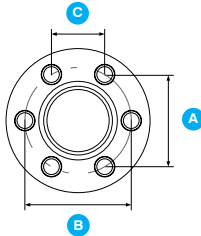
Screw-In Pad Eye



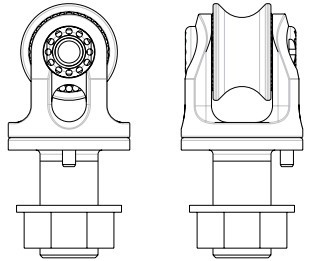
PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		WEIGHT		SHEAVE DIAMETER		BOLT SIZE
			kg	lb	kg	lb	g	oz	mm	in	
29399246	5T	Screw-In Pad Eye	5000	11025	10000	22050	1710	60	105	4 ¹ / ₈	M33
29394057	5T	Screw-In Deck Base	5000	11025	10000	22050	1000	39	105	4 ¹ / ₈	M33
29396057	7T	Screw-In Deck Base	7000	15435	14000	30870	1700	67	130	5 ¹ / ₈	M42
29383199	5T	Non-Tumble Screw-In Pad Eye	5000	11025	10000	22050	2060	81	–	–	M33
29396058	7T	Non-Tumble Screw-In Pad Eye	7000	15435	14000	30870	4270	168	–	–	M42
29399055	8.5T	Screw-In Eye Plate	8500	18743	17000	37485	2400	94	–	–	M42
29399056	8.5T	Multi-Fix Web Pad Eye	8500	18743	17000	37485	1880	74	–	–	M12
29398006	10T	Screw-In Pad Eye	10000	22050	20000	44100	–	–	–	–	M42
29398015	12T	Screw-In Pad Eye	12000	26460	24000	52920	–	–	–	–	M36
29397002	15T	Screw-In Pad Eye	15000	33075	30000	66150	1580	62	175	6 ⁷ / ₈	M56
29398004	18T	Screw-In Pad Eye	18000	39690	36000	79380	–	–	–	–	M42
29398002	24T	Screw-In Pad Eye	24000	52920	48000	105840	–	–	–	–	M56
29398001	40T	Screw-In Pad Eye	40000	88200	80000	176400	–	–	–	–	M64

Fixing Dimensions

PART	SIZE	DESCRIPTION	A		B		C	
			mm	in	mm	in	mm	in
29399056	8.5T	Multi-Fix Web Pad Eye	56	2 ¹ / ₁₆	65	2 ¹ / ₂	33	1 ⁵ / ₁₆



Bespoke Pad Eye

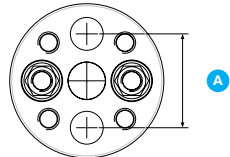


Sheave on Screw-In Base

PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		WEIGHT		BOLT SIZE
			kg	lb	kg	lb	g	oz	
29383212	7.5T	Removable Screw-Down Pad Eye	7500	16538	15000	33075	2980	105	–
29383213	12T	Removable Screw-Down Pad Eye	12000	26460	24000	52920	2850	101	–
29396060	70	Sheave on Screw-In Base	2000	4410	4000	8820	3270	115	M42

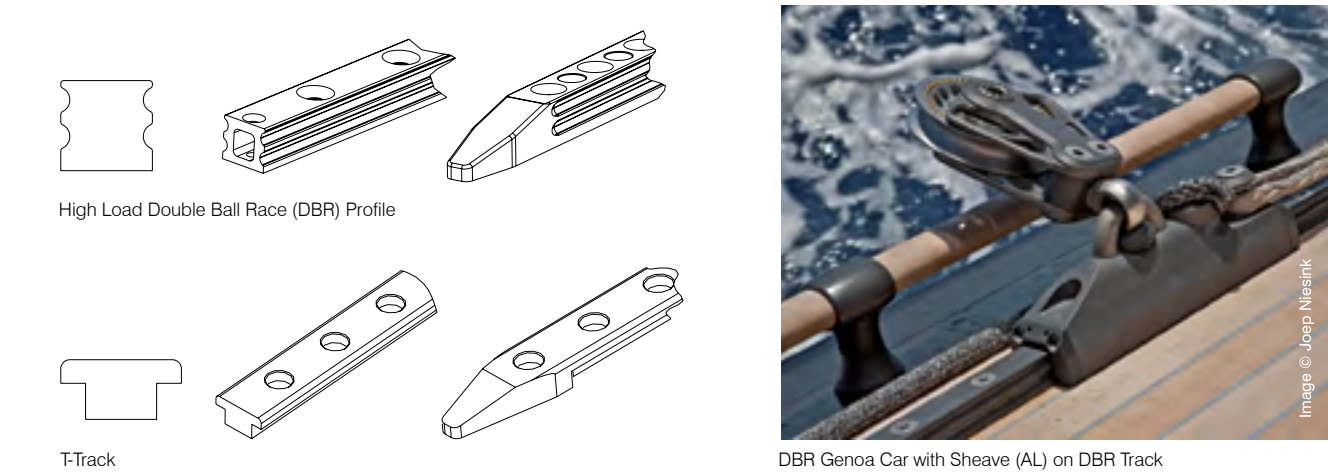
Fixing Dimensions

PART	SIZE	DESCRIPTION	A	
			mm	in
29383212	7.5T	Removable Pad Eye	74	2 ¹⁵ / ₁₆
29383213	12T	Removable Pad Eye	70	2 ³ / ₄



Track

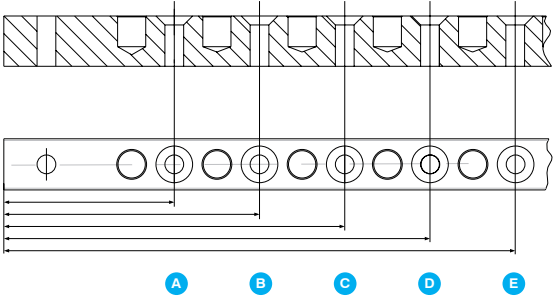
Each yacht has individual requirements for sail control equipment, from application and loads to the profile of the deck on which the equipment will be installed. Each Lewmar Track is designed with these specific requirements in mind. Recent innovations include Track that can be curved to bespoke dimensions, including multidirectional compound curves. The new High Load Double Ball Race (DBR) Profile offers a stronger, deeper section for use with High Load cars, while T-Track and DBR Track now feature machined track ends for a lightweight, low-profile car retention solution.



PART	SIZE	DESCRIPTION	WEIGHT		HOLE SIZE		MAX SPAN (between fixings)		WIDTH		HEIGHT	
			g	oz	mm	in	mm	in	mm	in	mm	in
29372303	Sz2	DBR High-Load Curved Track	4190	148	11	7⁄16	75	2 15/16	30	1 1⁄8	30	1 1⁄8
29372317	Sz2	DBR Track	5390	11885	11	7⁄16	75	2 15/16	30	1 1⁄8	27	1 1⁄16
29372306	Sz2	DBR High-Load Track with Machined End	6230	13737	11	7⁄16	50	2	30	1 1⁄8	30	1 1⁄8
29372319	Sz2	DBR High-Load Track with Machined End	2310	5094	11	7⁄16	50	2	30	1 1⁄8	30	1 1⁄8
29372309	Sz2	DBR High-Load Curved Track	3194	7043	11	7⁄16	75	2 15/16	30	1 1⁄8	30	1 1⁄8
29372316	Sz2	Genoa Track	3280	7232	11	7⁄16	75	2 15/16	30	1 1⁄8	27	1 1⁄16
29374046	40mm	Stainless Steel T-Track with Machined End	4100	145	11	7⁄16	55	2 3/16	40	1 3⁄8	20	3⁄4
29374062	65mm	Aluminium T-Track	–	–	16.5	5⁄8	75	2 15/16	65	2 5⁄16	42	1 5⁄8
29374063	65mm	Aluminium T-Track	–	–	16.5	5⁄8	75	2 15/16	65	2 5⁄16	42	1 5⁄8

PART	SIZE	DESCRIPTION	A		B		C		D		E	
			mm	in	mm	in	mm	in	mm	in	mm	in
29372303	Sz2	DBR High-Load Curved Track	15	5⁄16	50	2	75	2 15⁄16	100	3 15⁄16	135	5 5⁄16
29372317	Sz2	DBR Track	62	2 1⁄16	–	–	–	–	–	–	–	–
29372306	Sz2	DBR High-Load Track with Machined End	100	3 15⁄16	–	–	–	–	–	–	–	–
29372319	Sz2	DBR High-Load Track with Machined End	100	3 15⁄16	–	–	–	–	–	–	–	–
29372309	Sz2	DBR High-Load Curved Track	95	3 7⁄16	–	–	–	–	–	–	–	–
29372316	Sz2	Genoa Track	37	1 1⁄16	–	–	–	–	–	–	–	–
29374046	40mm	Stainless Steel T-Track with Machined End	70	2 3⁄4	–	–	–	–	–	–	–	–

DBR - Double Ball Race



On Deck Control Systems

Lewmar Mainsheet and Genoa systems are ideal for yachts from 21m (70ft) to 47m (140ft) in length. Each car is available with a choice of recirculating Torlon balls or the shorter, stronger Double Ball Race (DBR) configuration. Styled with snag-free soft edges, Lewmar cars are machined from solid to individual specifications. A full range of end stops are available, including high-load impact, plunger and control line models.

Mainsheet Cars



PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT	
			kg	lb	kg	lb	mm	in	g	oz
29332222	Sz2	7T DBR Double Mainsheet Car with CL Eyes	7000	15435	14000	30870	16	5⁄8	3850	136
29332218	Sz2	13T DBR Triple Mainsheet Car	13000	28665	26000	57330	14	11⁄16	14500	511
29332217	Sz2	15T DBR Mainsheet Car	15000	33075	30000	66150	CL 14	CL 11⁄16	8540	301
29903401	Sz4	Single Upstand and 1 pair CL Sheaves	8000	17640	16000	35280	CL 12	CL 11⁄16	5195	183
29903402	Sz4	Twin Upstand and 1 pair CL Sheaves	8000	17640	16000	35280	CL 13	CL 11⁄16	5195	183

DBR - Double Ball Race / CL - Control Line

Genoa Cars

PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT	
			kg	lb	kg	lb	mm	in	g	oz
29342047	Sz2	6T DBR Genoa Stirrup Car	6000	13230	12000	26460	CL 14	CL 11⁄16	3790	134
29332227	Sz2	7T DBR Genoa Car with Slide Rod & Dead Eye	7000	15435	14000	30870	16	5⁄8	3710	131
29342041	Sz2	DBR Genoa Car with Slide Rod, Control Sheave, & 175mm Block	12000	26460	24000	52920	25	1	7150	252
29903451	Sz4	TB Genoa Stirrup Car & Dead Eye Port	6000	13230	12000	26460	16	5⁄8	6740	238
29903452	Sz4	TB Genoa Stirrup Car & Dead Eye Stbd	6000	13230	12000	26460	16	5⁄8	6740	238
29903453	Sz4	TB Genoa Stirrup Car with 1 CL Sheave Port	6000	13230	12000	26460	12	1⁄2	6740	238
29903454	Sz4	TB Genoa Stirrup Car with 1 CL Sheave Stbd	6000	13230	12000	26460	12	1⁄2	6740	238
29903457	Sz4	TB Genoa Stirrup Car with Slide Rod Plunger Port	6000	13230	12000	26460	–	–	6740	238
29903458	Sz4	TB Genoa Stirrup Car with Slide Rod Plunger Stbd	6000	13230	12000	26460	–	–	6740	238

DBR - Double Ball Race / TB - Torlon Ball / CL - Control Line

End Stops



PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		HOLE SIZE	
			kg	lb	kg	lb	mm	in	g	oz	mm	in
29302034	Sz2	DBR High Load End Stop with Control Sheave & Becket	3000/1500	6615/3308	6000/3000	13230/6615	14	5⁄16	1960	69	–	–
29302020	Sz2	DBR Simple End Stop	–	–	1500	3308	–	–	20	1	11	7⁄16
29342043	Sz2	DBR High Load Plunger Stop	8000	17640	16000	35280	–	–	340	12	–	–
29342049	Sz2	DBR High Load Plunger Stop with Deflector Eye	8000	17640	16000	35280	–	–	940	33	–	–
29302032	Sz2	DBR End Stop	4500	9923	9000	19845	–	–	1300	46	–	–
29905400	Sz4	High Load Impact End Stop	4000	8820	8000	17640	–	–	1040	37	13	1⁄2
29905401	Sz4	Track End	1000	2205	2000	4410	–	–	580	20	13	1⁄2
29905410	Sz4	Control Line End Stop	6000	13230	12000	26460	–	–	1500	53	13	1⁄2
29905412	Sz4	Plunger Stop	3000	6615	6000	13230	–	–	897	32	–	–
29905414	Sz4	Track Plug	–	–	–	–	–	–	36	1	–	–

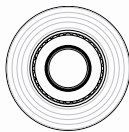
DBR - Double Ball Race

Below Deck Sheeting System

Each element of the Lewmar Custom Hardware Range is compatible with its counterparts, resulting in the ability to supply a complete, bespoke sail control system. For example, an increasing emphasis on beautiful, sleek, minimalistic lines has resulted in the below-deck sheeting system, which offers a lightweight, fully-optimised system that does not clutter the clean lines of the deck. With a choice of configurations and finishes available, Lewmar can provide a system suited to your individual requirements.

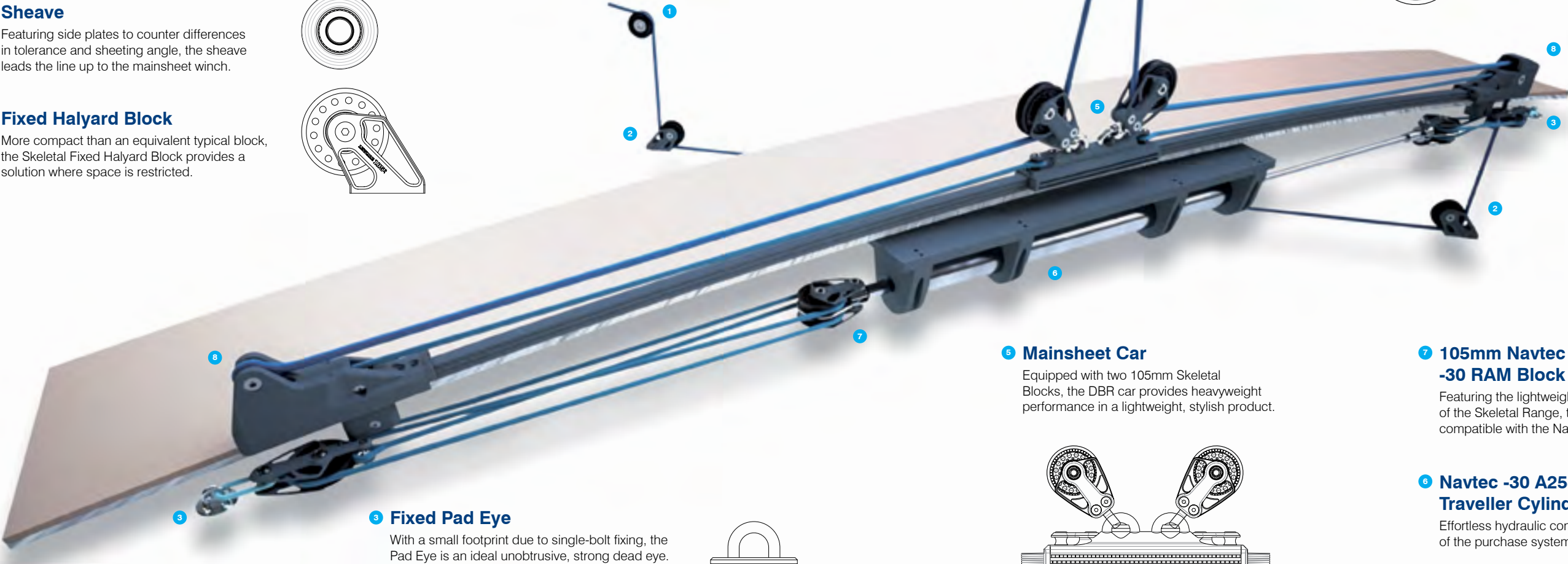
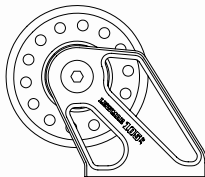
1 Sheave

Featuring side plates to counter differences in tolerance and sheeting angle, the sheave leads the line up to the mainsheet winch.



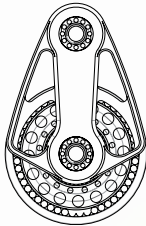
2 Fixed Halyard Block

More compact than an equivalent typical block, the Skeletal Fixed Halyard Block provides a solution where space is restricted.



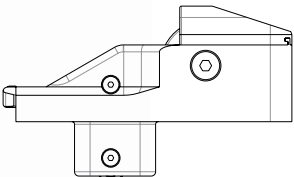
4 Web Block

With loads routed through the cheeks, the Skeletal Web Block is the ideal, lightweight, component for a sail control system.



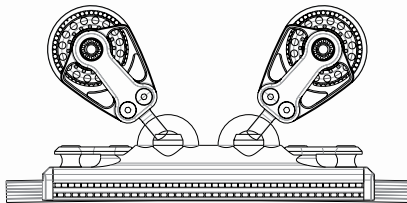
8 Low-Profile Dual Sheave DBR End Stop

Incorporating a traveller control sheave, the DBR End Stop is customised with an internal sheave which leads the mainsheet below deck smoothly at a 90° angle.



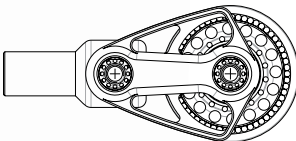
5 Mainsheet Car

Equipped with two 105mm Skeletal Blocks, the DBR car provides heavyweight performance in a lightweight, stylish product.



7 105mm Navtec -30 RAM Block

Featuring the lightweight, compact features of the Skeletal Range, the toggle ends are compatible with the Navtec Cylinder.



6 Navtec -30 A254 Hydraulic Traveller Cylinder

Effortless hydraulic control of the purchase system.



DBR Mainsheet Car (TI), DBR Track and Low-Profile Dual Sheave DBR End Stop



System Specification

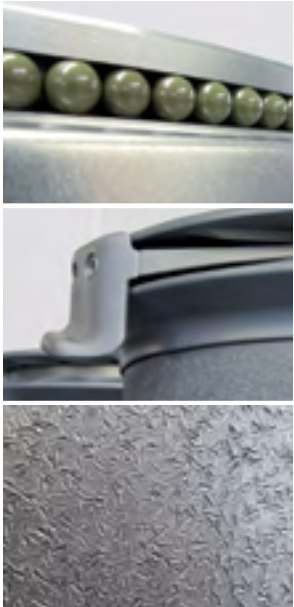
PART	SIZE	DESCRIPTION	WORKING LOAD LIMIT		BREAKING LOAD		MAX LINE SIZE		WEIGHT		SHEAVE DIAMETER	
			kg	lb	kg	lb	mm	in	g	oz	mm	in
29302036	Sz2	DBR Port End Stop with MS Dead Eye & Under Deck Feed	3500	7718	7000	15435	22	7/8"	4700	166	-	-
29302037	Sz2	DBR Stbd End Stop with Below Deck CL Sheeting	5000	11025	1000	22050	22	7/8"	5300	187	-	-
29302038	70	Sheave Z-Box	4500	9923	9000	19845	16	5/8"	7280	257	70	2 3/4"
29383215	105	Double Skeletal -30 Navtec RAM Block	7000	15435	14000	30870	16	5/8"	8600	303	105	4 1/8"
29383218	105	Double Skeletal -30 Navtec RAM Block	7000	15435	14000	30870	16	5/8"	8600	303	105	4 1/8"
29383216	105	Alloy Skeletal Web Block with Becket	5000	11025	10000	22050	16	5/8"	2200	78	105	4 1/8"

Winches

For the last 50 years, Lewmar has been at the forefront of winch design and manufacture, featuring on cruisers through to superyachts and Grand Prix racing boats. Using the latest finite element analysis and simulation software, we are able to optimise our designs to be the lightest and most efficient winch systems available. Lewmar winches can be customised to suit individual aesthetic and functional requirements, with some of the many options including ceramic drum coatings, self-tailing jaws, custom top cleats, multiple speeds, free-spinning or ratcheting sheave base additions, and anticlockwise rotations. Each Lewmar winch is available in a choice of polished stainless steel, aluminium, or an individually-specified finish subject to discussion with your Lewmar representative.

ASTOR Race Winch

- Drive train based upon the proven Lewmar Ocean Range
- Choice of styles includes rolex, cleat, flat top and bespoke engraving
- Available in Size 40 to Size 122
- Compatible with electric or hydraulic operation
- Lightweight aluminium construction



Stainless Steel Custom Winch

- Cutting edge performance combined with classic styling
- Choice of styles includes rolex, cleat, and flat top and bespoke engraving
- Individual functions to suit requirements, including sheave base
- Compatible with load-pin technology
- Ability to customise gear ratio and hydraulic motors to specific line requirements
- Available in Size 68 to Size 150
- Available in bronze-effect finish



Grand Prix Race Winch

- State-of-the-art carbon fibre finish
- Internal components crafted from aerospace-industry materials
- Range available in 2 or 3 speed, or with Lewmar's patented integral 4-speed system
- Features self tailing, cleat top
- Operated by top handle or bottom pedestal drive
- Available with electric or hydraulic operation
- Available in Size 50 to Size 150

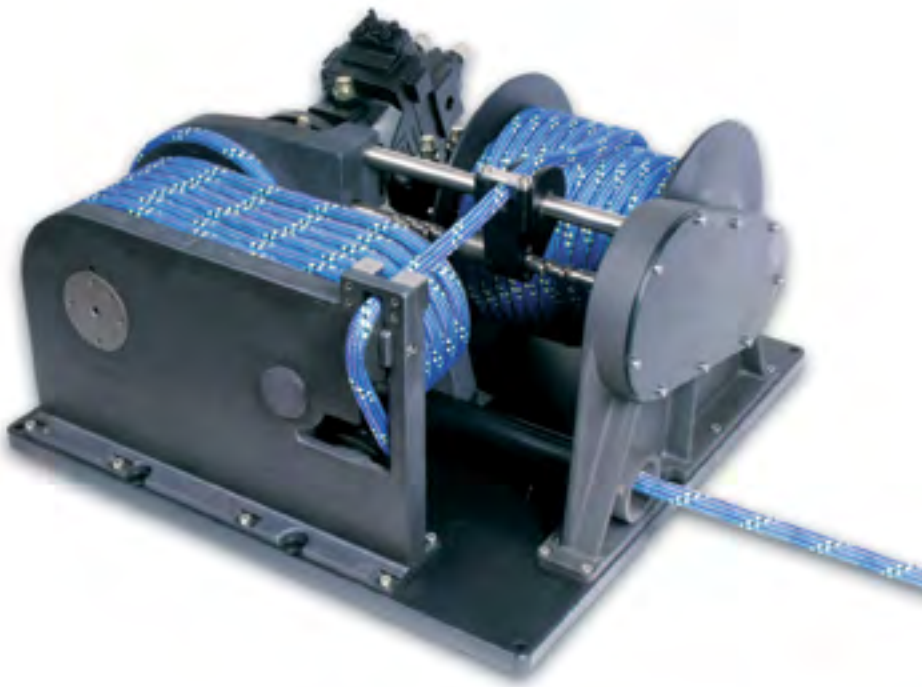


Captive Winch Line Management System

The Lewmar Captive Winch Line Management System offers safe, remote-controlled line handling and storage for yachts in the 24m (80ft) to 91m (300ft) range. The unique separate hauling drum eliminates the need for long lead entries, while storing the rope at low tension on a separate drum prevents damage to the rope.

Features

- Pulls from 1.5 to 18 tons
- Up to 25% lighter than previous models
- Compact size
- Up to 3 speed options
- Good combination of line speed and power
- Eliminates long lead entry angles
- Automatic hauling system
- Unique V groove sheave improves grip and reduces rope damage
- Line stowing system ensures low line tension and good lay line
- Compatible with proportional or non-proportional hydraulic control systems
- Emergency high-load release feature
- Self sustaining – no load 'drop back' when the brakes are applied
- Separate hauling and stowing drums provide more rope storage for given size



Anchoring

Manoeuvring larger vessels in the confines of a busy harbour or marina can challenge even the most skilled crews. Cross winds and tides can be difficult to overcome with conventional propulsion and steering gear, particularly when mooring 'stern to' or anchoring. Lewmar Anchoring Control Solutions and Custom Thrusters can help provide additional control just when you need it, at the touch of a button or the move of a joystick. The Lewmar Anchoring Range is suitable for sail or power vessels up to 50m (160ft) and can be fully integrated with the ship's powered hydraulic systems.

Vertical Range Windlass

- Available in V8, V9 and V10/12
- 2T to 5T pull range
- Full range of power options including AC, DC, and hydraulic
- All stainless steel deck unit
- Unique Wear & Abrasion Resistant Pattern (WARP™) reduces rope wear by 30%
- Available with wide range of metric and imperial chain gypsies, including 22mm Studlink
- Independent capstan operation
- Powered or manual chain release
- Full range of accessories available

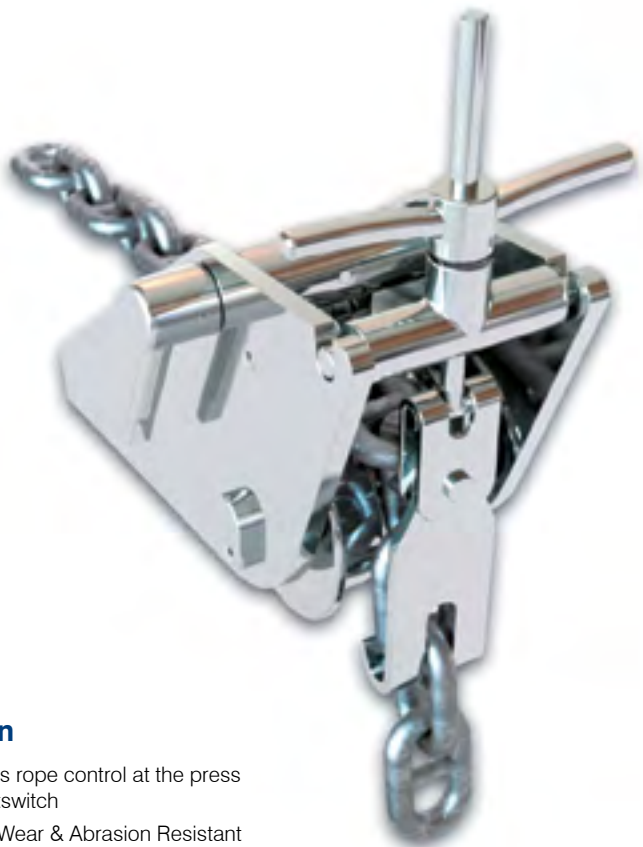


Image © Pendermis Cup



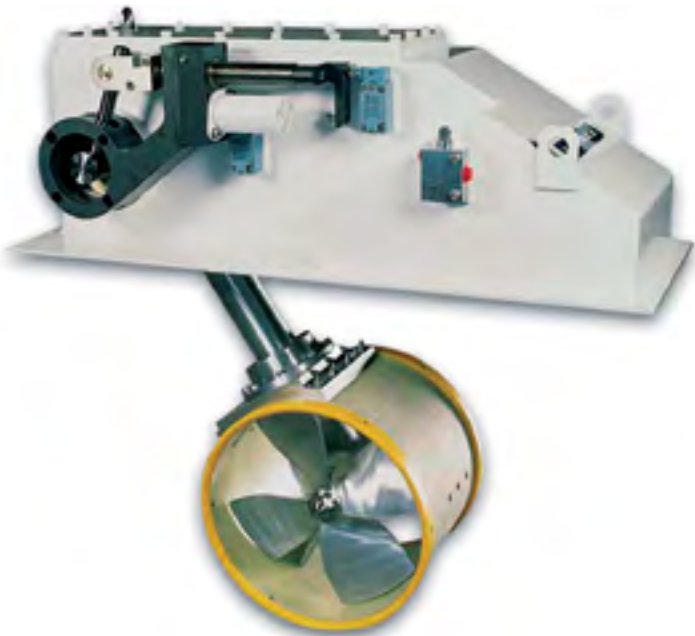
Devil's Claw Chain Stopper

- A range of Devil's Claw Chain Stopper aimed directly at the large custom builder
- Incorporates a mechanism (claw) that enables the anchor to be held 'tight' when stowed
- Prevents vibration, knocking, and accidental deployment
- The claw mechanism can be safely stowed when not in use, allowing the chain to run freely
- Available in horizontal and vertical configurations
- Wide range of sizes from 14mm to 22mm studlink chain



Capstan

- Effortless rope control at the press of a footswitch
- Unique Wear & Abrasion Resistant Pattern (WARP™) reduces rope wear by 30%
- Worm gearbox offers anti-runback characteristics to act as a mechanical brake
- Beautifully crafted stainless steel components ensure enduring strength and performance
- Available in C6, C8, and C10
- Choice of AC, DC, or hydraulic operation



Swing Retracting Hydraulic Thruster

- Ideal for higher performance sailing yachts and fast-planing or semi-displacement hulls
- Raised position offers a completely fair hull section causing minimum drag
- No hydraulic motors or hoses are immersed in the water
- Can be mounted further forward in the vessel without additional space intrusion into the forepeak
- Enhanced thrust performance from a lesser power input
- Manual override
- Extended leg model available for deeper thruster immersion

NAVTEC® Hydraulics

Navtec has been at the forefront of rigging innovation for the last 40 years. A heritage of proven performance and reliability has been tested to the extreme by generations of America’s Cup and offshore race contenders, the results of which are applied to the entire Navtec Range. Alongside the Rigging Range, Navtec offer a full portfolio of custom hydraulic systems, offering precise control and a significant sailing advantage for racers and cruisers. Available in stainless steel, aluminium, and carbon finish, Navtec Hydraulic Systems can be customised to fit your exact requirements.

A950 Carbon Hydraulic Superyacht Vang

- Seamless, tapered, one-piece tube
- Substantial weight saving over Aluminium and Stainless Steel models
- Smaller overall diameter than Aluminium and Stainless Steel models
- Carbon fibre weave or bespoke painted finish



Carbon Wrap Cylinder

- A250 Cylinder featuring a thin carbon veneer tube
- Specially polished cylinder bores for longer seal life
- Standard, Long, and Flattening Reef versions available
- Complements the style aesthetic of the A950 Carbon Hydraulic Superyacht Vang



A250 Hydraulic Cylinder

- Lightweight, low-windage, reliable hydraulic solution
- 316 stainless steel cylinder rod
- Tubes, lower clevis, and caps manufactured in durable black hard-coated alloy
- Titanium components available on request

Lewmar Bespoke Hydraulics

The Lewmar Custom Commander control unit offers the peace of mind that is derived from installing a complete, engineered hydraulics solution from a single manufacturer. Custom Commander Systems power both Navtec hydraulics and Lewmar winch, windlass, and furling systems, along with providing auxiliary power, all to the customers’ specific requirement. Lewmar Custom Commander Systems have been used on over 200 yachts in the last 15 years, a testament to the popularity and reliability of the product.

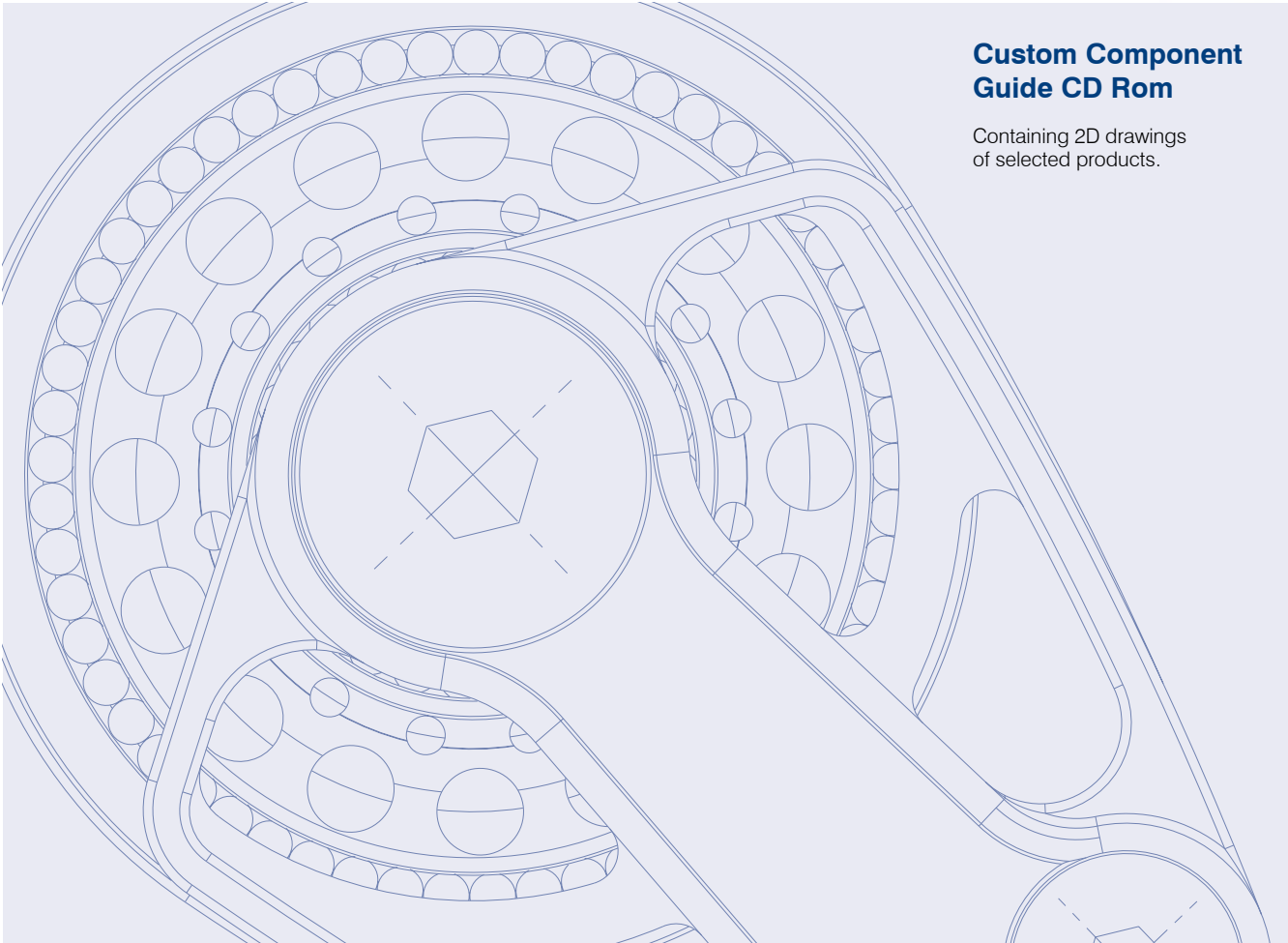
Features

- DC motors from 3-14 kw
- Multiple motor combinations
- 3-phase AC and AC/DC versions available
- Custom-designed reservoirs
- Remote valve groups
- PLC control
- Electric and hydraulic soft starts
- Multiple alarm outputs
- Fan-cooled motors
- Features thermal overload protection
- Proportional control



Custom Component Guide CD Rom

Containing 2D drawings of selected products.





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Follow proper safety practices. If in doubt, consult a professional RV technician.