Clutches

Lewmar continues to define rope clutch technology with a variable geometry handle and unique grip pattern of dominos that prevent rope fray. This revolutionary system has been independently tested time and again and has won awards for its innovative framework.

A Domino Cluster and longer holding pattern holds line under load without fraying the rope

B Controlled Release – Pull back handle combined with patented clutch and release mechanism provides controlled release even at full holding load

C Handle has a solid link to the domino cluster

D Line Size – Clutches capable of holding lines from 6mm (1/4") to 14mm (9/16")

Instead of just jamming the rope…

… Lewmar's Domino mechanism flexes it for better grip and less rope wear.

DC Rope Clutches

DC1 Single

DC1 Double

DC1 Triple

DC2 Single

DC2 Double

DC2 Triple

DC1 Rope Clutch Specifications

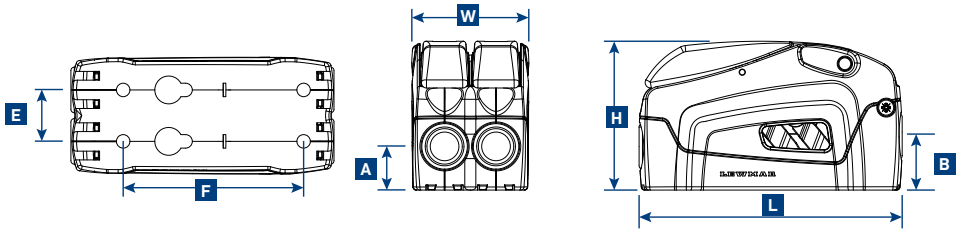
PART NO	DESCRIPTION	LINE SIZE		MIN HOLDING LOAD		APPROX WEIGHT		WLL	
		MM	IN	KG	LB	G	OZ	KG	LB
29101108BK	6-8 MM DC1 SINGLE					330	12	500	1100
29101208BK	6-8 MM DC1 DOUBLE	6–8	¼–5/16	300	661	650	23	500	1100
29101308BK	6-8 MM DC1 TRIPLE					850	30	500	1100
29101110BK	8-10 MM DC1 SINGLE					330	12	500	1100
29101210BK	8-10 MM DC1 DOUBLE	8–10	5/16–⅜	400	880	650	23	500	1100
29101310BK	8-10 MM DC1 TRIPLE					850	30	500	1100
29101112BK	10-12 MM DC1 SINGLE					330	12	500	1100
29101212BK	10-12 MM DC1 DOUBLE	10–12	⅜–7/16	500	1100	650	23	500	1100
29101312BK	10-12 MM DC1 TRIPLE					850	30	500	1100
29100010BK	DC1 HANDLE KIT								
25002323	CLUTCH LABEL KIT								

DC2 Rope Clutch Specifications

PART NO	DESCRIPTION	LINE SIZE		MIN HOLDING LOAD		APPROX WEIGHT		WLL	
		MM	IN	KG	LB	G	OZ	KG	LB
29101410BK	8-10MM DC2 SINGLE					650	23	1200	2650
29102410BK	8-10MM DC2 DOUBLE	8–10	5/16–⅜	500	1102	1216	43	1200	2650
29103410BK	8-10MM DC2 TRIPLE								
29101412BK	10-12MM DC2 SINGLE					650	23	1200	2650
29102412BK	10-12MM DC2 DOUBLE	10–12	⅜–½	700	1550	1216	43	1200	2650
29103412BK	10-12MM DC2 TRIPLE								
29101414BK	12-14MM DC2 SINGLE					650	23	1200	2650
29102414BK	12-14MM DC2 DOUBLE	12–14	½–9/16	1000	2204	1216	43	1200	2650
29103414BK	12-14MM DC2 TRIPLE								
29101501BK	DC2 HANDLE KIT								
25002323	CLUTCH LABEL KIT								

8. Hardware

DC1 & DC2 Rope Clutch Dimensions

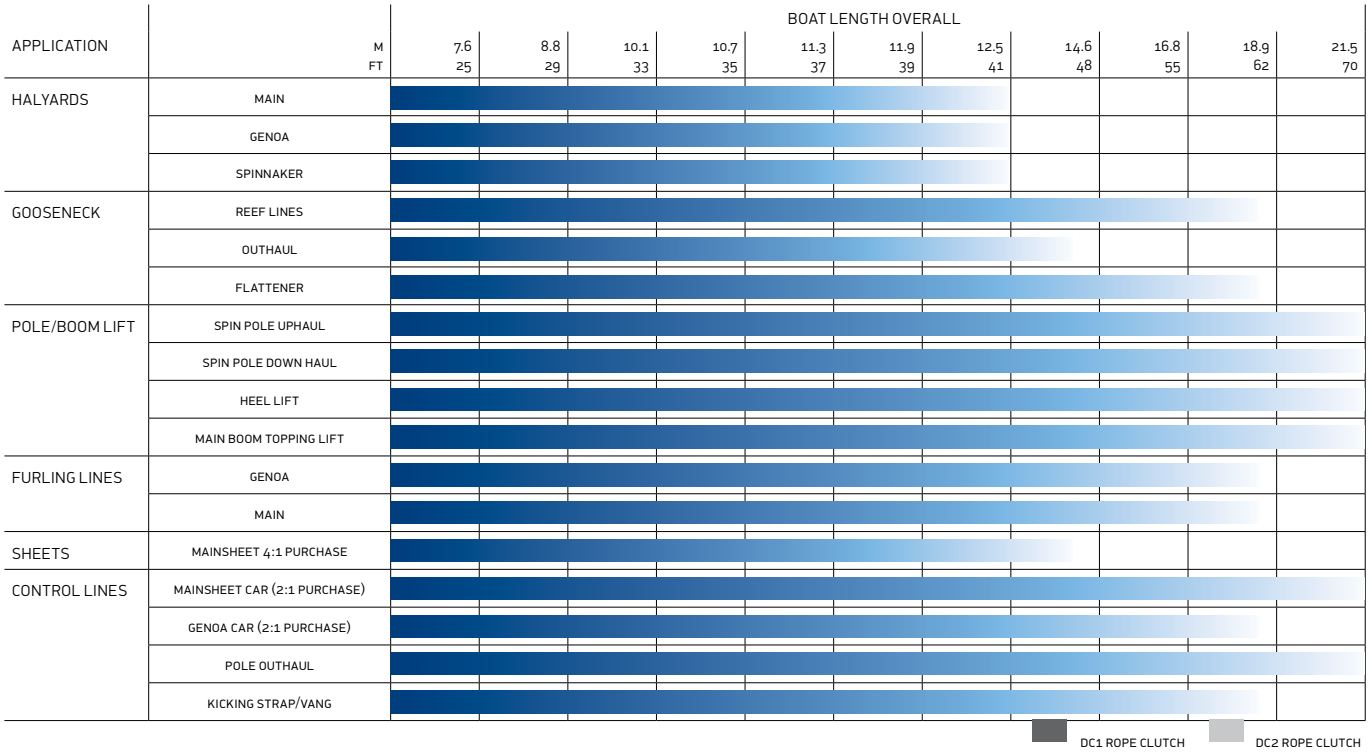


Notes:

Line entry and exit angle should not exceed 15° from the rope clutch centre line

DC1 :Use pan head M6 – 1/4" fixings – do not tighten beyond 10 Nm torque

DC2 : Use pan head M8 - 5/16" fixings - do not tighten beyond 22Nm torque

SIZE	L LENGTH		W WIDTH		H HEIGHT		A LINE ENTRY		B LINE EXIT		E FIXINGS WIDTH		F FIXINGS LENGTH	
	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN
D1 SINGLE			32	1 5/16							–	–		
D1 DOUBLE	126	5	57.85	2 5/16	72	2 13/16	27	1 1/8	29	1 3/16	26	1	79	3 1/8
D1 TRIPLE			83.7	3 5/16							26	1		
D2 SINGLE			38.0	1 1/2							–	–		
D2 DOUBLE	156	6 1/8	68.5	2 1/16	88	3 3/8	26	1	32	1 5/16	30.5	1 3/16	107	4 1/4
D2 TRIPLE			99	3 7/8							30.5	1 3/16		

Clutch Selection Guide