

Self-Contained Sheaves

Self-contained sheaves are designed for sailors to use in custom applications.

The Micro, Bullet and Big Bullet sheaves are Delrin® with Delrin® ball bearings. They are scored for rope. 16 mm AirBlock® sheaves are Delrin® and feature stainless ball bearings that ride in a grooved race. Midrange sheaves come in either Delrin® or aluminum for wire.

Wire sheaves ride on high-load composite bearings. They are Hardkote-anodized aluminum with Teflon® impregnation.

Ball bearings in the 1½ in (38 mm) and 2 in (51 mm) sheaves minimize friction. The 1 in (25 mm) wire sheave uses low-friction washers for this purpose.

Two 160 sheaves make up the 161 dual sheave universal lead. Use this sheave to divert a line that must turn in either direction.

Use Cruising ESP sheaves to handle high static loads from halyards and reef lines. Sheaves are carbon-black Delrin® for UV protection and turn on stainless steel spacers. Contained sideload ball bearings allow sheaves to spin freely when loads are released. Sheaves require a sideplate for the sideload balls to roll on.

Use for:
Custom applications



6064

Plastic sleeve bearing for high static loads

Ball bearings handle low loads and sideloads from unfair leads



6062

6063



161

265



1533
1534



160



303



307



311



VLC 35, NautaTec, Muller Yachts — Muller Yachts photo

Part No.	Description	Sheave Ø		Width		Weight		Line		Max Ø Wire		Center Pin Ø		Maximum working load	
		in	mm	in	mm	oz	g	in	mm	in	mm	in	mm	lb	kg
160	Bullet	1 1/8	29	1/2	12	.25	7	5/16	8	—	—	1/4	6.27	300	136
161	Dual sheave	1 1/8	29	7/8	22	1	28	5/16	8	—	—	1/4	6.27	300	136
265	Big Bullet	1 1/2	38	9/16	14	.5	14	3/8	10	—	—	1/4	6.27	300	136
277	Micro	7/8	22	13/32	10	.1	3	1/4	6	—	—	3/16	4.75	200	91
303	Wire	1	25	9/32	7	.25	7	5/32	4	3/32	2	3/16	4.75	1000	454
307	Wire	1 1/2	38	13/32	10	1	28	3/16	5	1/8	3	1/4	6.27	1500	680
311	Wire	2	51	13/32	10	1.5	43	1/4	6	3/16	5	5/16	8.10	2000	907
415	16 mm	5/8	16	5/16	8	.13	4	3/16	5	—	—	3/16	4.75	250	113
1533	Small Midrange	2	51	7/8	22	1.5	43	5/8	16	—	—	1/4	6.27	500	227
1534	Small Midrange/aluminum	2	51	7/8	22	2.5	71	5/8	16	3/16	5	1/4	6.27	500	227
6062	Cruising ESP	1 9/16	40	11/16	17	.8	23	1/2	12	—	—	5/16	8.10	1250	567
6063	Cruising ESP	2 1/4	57	13/16	21	1.6	46	5/8	16	—	—	3/8	10.00	2500	1134
6064	Cruising ESP	2 15/16	75	7/8	22	4.4	126	3/4	19	—	—	3/8	10.00	3500	1588