

Big Boat CB Cars

Big Boat Captive Ball Traveler Cars are built to handle high loads on boats from 32 to 50 ft (9.5 to 15 m) and up to 70 ft (21 m) with coupled cars.

The one-piece solid aluminum construction is lightweight and strong. Machined aluminum Hardkote-anodized races permit Torlon® bearings to transition smoothly from the active to return race for smooth trimming or easing. Stainless steel wire guides keep the balls captive when the car is off the track.

Shackle/toggle cars have low pivot points to handle non-vertical loads. On 3164 and 3166 cars, blocks attach directly to the toggle ears for a low-profile, compact system. 3160 and 3161 cars use car-mounted control blocks. The 3172 high-load coupled traveler features two cars joined by a recessed stainless steel coupler that adjusts to fit curved track. See chart on page 101 to size traveler to mainsail area.

Traveler Kits

Use the 3175 kit for boats to 45 ft (13.5 m) with maximum mainsail area of 425 ft² (39.5 m²) for end-boom, or 350 ft² (32.5 m²) for mid-boom sheeting.

Control blocks attach to ears to reduce load on car

Toggle ears accept Carbo control blocks

Captive balls make cars easy to load and maintain. Wire guides circulate bearings smoothly



3164



3175



GP42, Farr® Yacht Design, Latini Marine Srl — Latini Marine Srl photo



3160

3161

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See page 115

3172

3167

CB Cars only fit Big Boat CB track 3154, 3155, 3156, 3159, 3162. Non-captive cars available upon request.

Part No.	Description	Length		Width		Height		Weight		Maximum working load		Breaking load	
		in	mm	in	mm	in	mm	oz	g	lb	kg	lb	kg
3160	3000 Series/stand-up toggle	5 ³ / ₈	136	3 ³ / ₈	85	1 ¹ / ₈	35	24.32	689	3000	1361	7000	3175
3161	4500 Series/stand-up toggle	7 ⁷ / ₁₆	188	3 ³ / ₈	85	1 ¹ / ₈	35	28.64	812	4500	2041	9000	4081
3163	3000 Series/shackle	5 ³ / ₈	136	3 ³ / ₈	85	1 ¹ / ₈	35	20	567	3000	1361	7000	3175
3164	3000 Series/stand-up toggle/ears	5 ³ / ₈	136	3 ³ / ₈	85	1 ¹ / ₈	35	25.28	717	3000	1361	7000	3175
3165	4500 Series/shackle	7 ⁷ / ₁₆	188	3 ³ / ₈	85	1 ¹ / ₈	35	24	680	4500	2041	9000	4081
3166	4500 Series/stand-up toggle/ears	7 ⁷ / ₁₆	188	3 ³ / ₈	85	1 ¹ / ₈	35	29.44	835	4500	2041	9000	4081
3167	5000 Series/2 toggles	9 ¹ / ₈	231	3 ³ / ₈	85	1 ¹ / ₈	35	41.12	1166	5000	2268	10000	4536
3172	4500 Series/coupled	15	381	3 ³ / ₈	85	1 ¹ / ₂	35	66.4	1882	9000	4082	18000	8163
3175	Traveler kit/4:1 purchase	Kit includes 3164, (2) 2642, 3170. Purchase track, trim caps and control lines separately.											

See page 26 for replacement balls