

Load curves



SM/DM Quick Lock™ (ft)		72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	ft	
	6.6 USt	3.3 USt																	
197	7.2 → 74.3	6.6	5.8	5.3	4.6	4.2	3.7	3.4	3.2	2.95	2.7	2.5	2.3	2.2	2	1.9	1.75	USt	
	7.2 → 79.3	6.6	6.3	5.7	5	4.6	4	3.7	3.4	3.2	2.95	2.75	2.55	2.4	2.2	2.1	1.95	USt P+	
180	7.2 → 77.7	6.6	6.2	5.6	4.9	4.5	4.1	3.8	3.4	3.3	3	2.85	2.6	2.5	2.3	USt			
	7.2 → 83.7	6.6	6.6	6.2	5.4	5	4.4	4.1	3.7	3.5	3.3	3.1	2.85	2.7	2.5	USt P+			
164	7.2 → 83.2	6.6	6.6	6.1	5.4	5	4.5	4.2	3.8	3.6	3.3	3.2	2.95	USt					
	7.2 → 89.9	6.6	6.6	6.6	5.9	5.5	4.9	4.6	4.2	3.9	3.6	3.4	3.3	USt P+					
148	7.2 → 90.4	6.6	6.6	6.6	6	5.5	5	4.6	4.2	4	3.6	USt							
	7.2 → 97.6	6.6	6.6	6.6	6.5	6.1	5.4	5.1	4.6	4.3	4	USt P+							
131	7.2 → 92.4	6.6	6.6	6.6	6.1	5.7	5.1	4.8	4.4	USt									
	7.2 → 97.6	6.6	6.6	6.6	6.6	6.1	5.5	5.2	4.7	USt P+									
115	7.2 → 93	6.6	6.6	6.6	6.2	5.7	5.1	USt											
	7.2 → 98.4	6.6	6.6	6.6	6.6	6.1	5.5	USt P+											
98	7.2 → 93	6.6	6.6	6.6	6.1	USt													
	7.2 → 97.3	6.6	6.6	6.6	6.5	USt P+													
82	7.2 → 82	6.6	6.6	USt															
	7.2 → 82	6.6	6.6	USt P+															

= - 0.11 USt max.



DMP (ft)		72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	ft	
	6.6 USt	3.3 USt																	
197	7.2 → 74.5	6.6	5.8	5.3	4.6	4.2	3.7	3.4	3.1	2.85	2.6	2.45	2.2	2.1	1.9	1.8	1.65	USt	
	7.2 → 79.6	6.6	6.4	5.7	5	4.6	4	3.7	3.4	3.1	2.85	2.65	2.4	2.3	2.1	2	1.8	USt P+	
180	7.2 → 77.4	6.6	6.2	5.6	4.9	4.5	4	3.8	3.4	3.2	2.9	2.75	2.5	2.4	2.2	USt			
	7.2 → 83.6	6.6	6.6	6.2	5.4	5	4.4	4.1	3.7	3.5	3.2	3	2.75	2.6	2.4	USt P+			
164	7.2 → 83.6	6.6	6.6	6.2	5.4	5	4.5	4.2	3.8	3.6	3.3	3.1	2.85	USt					
	7.2 → 90.1	6.6	6.6	6.6	5.9	5.5	4.9	4.6	4.2	3.9	3.6	3.4	3.2	USt P+					
148	7.2 → 90.4	6.6	6.6	6.6	6	5.5	5	4.6	4.2	4	3.6	USt							
	7.2 → 97.5	6.6	6.6	6.6	6.5	6.1	5.4	5.1	4.6	4.3	4	USt P+							
131	7.2 → 92.4	6.6	6.6	6.6	6.1	5.7	5.1	4.8	4.4	USt									
	7.2 → 98.6	6.6	6.6	6.6	6.6	6.2	5.6	5.2	4.8	USt P+									
115	7.2 → 93	6.6	6.6	6.6	6.2	5.7	5.1	USt											
	7.2 → 98.5	6.6	6.6	6.6	6.6	6.2	5.6	USt P+											
98	7.2 → 93	6.6	6.6	6.6	6.1	USt													
	7.2 → 98.4	6.6	6.6	6.6	6.6	USt P+													
82	7.2 → 82	6.6	6.6	USt															
	7.2 → 82	6.6	6.6	USt P+															

Jib weight & counter-jib ballast

ft	L (lb) - 33 LVF (+/- 5%)	CAU		C (lb)
		7,937 lb	2,425 lb	
197 ft	19,621	3	4	33,510
180 ft	19,180	3	4	33,510
164 ft	18,519	3	4	33,510
148 ft	17,857	3	4	33,510
131 ft	17,196	3	3	31,085
115 ft	16,094	3	2	28,660
98 ft	15,212	3	1	26,235
82 ft	14,330	2	2	20,723

CAU - 7,937 lb

CAV - 2,425 lb

