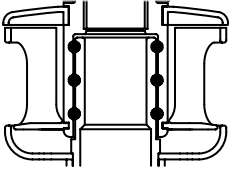
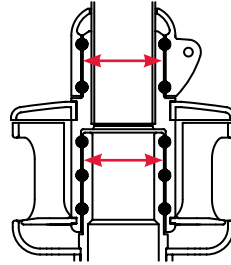
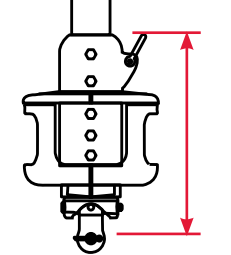
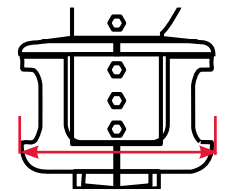


HARKEN®

MKIII, MKIV, Cruising Furling Comparison

Feature	MKIII	MKIV	Cruising	
Independent Swivels	Yes	Yes	No	
Sail Grooves	Double	Double	Single	
Turnbuckle	Integral	Over Standard TB	Over Standard TB	
Feeder	SS Clamshell	SS One Piece	Part of Foil	
Connector Shape	Circular	"C" Shaped	"C" Shaped	
Connector Lining/Bushing	Hardkote Anodizing	High Strength Plastic	High Strength Plastic	
Adhesive Process	Coat Connector	Injection System	On Screws Only	
Feeding Stay in Foil	Swage, Open Wire, Rod Nose	Swage, Open Wire, Rod Nose	Will Pass Some Eyes	
Ball Races in Main Drum	Races (Number Balls)	Races (Number Balls)	Races (Number Balls)	
	Unit 0	2 (30)	3 (78)	—
	Unit 1	2 (24)	3 (72)	3 (72)
	Unit 1.5	2 (32)	—	—
	Unit 2	2 (30)	3 (75)	3 (75)
	Unit 2.5	3 (57)	—	—
	Unit 3	3 (34)	3 (88)	—
	Drum Ball Race Diameter	Inches (mm)	Inches (mm)	Inches (mm)
	Unit 0	1.3 (33)	2.3 (58)	—
	Unit 1	1.5 (38)	2.4 (61)	2.4
	Unit 1.5	1.6 (41)	—	—
	Unit 2	1.8 (46)	3.0 (76)	3 (76)
	Unit 2.5	1.9 (48)	—	—
	Unit 3	2.8 (71)	4.1 (104)	—
	Tack Swivel Height	Inches (mm)	Inches (mm)	Inches (mm)
	Unit 0	10.0 (254)	8.3 (211)	—
	Unit 1	11.5 (292)	9.6 (244)	10.8 (274)
	Unit 1.5	11.7 (297)	—	—
	Unit 2	15.2 (386)	12.3 (312)	13.7 (348)
	Unit 2.5	17.0 (432)	—	—
	Unit 3	18.7 (475)	16.0 (406)	—
	Lower Unit Diameter	Inches (mm)	Inches (mm)	Inches (mm)
	Unit 0	5.8 (147)	5.5 (140)	—
	Unit 1	7.6 (193)	6.6 (168)	6.6 (168)
	Unit 1.5	7.6 (193)	—	—
	Unit 2	9.5 (241)	8.2 (208)	8.2 (208)
	Unit 2.5	9.5 (241)	—	—
	Unit 3	12.0 (305)	11.1 (282)	—

HARKEN®

MKIII, MKIV, Cruising Furling Comparison

WEIGHT		MKIII		MKIV		Cruising	
Standard Package		Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.
Unit 0	Lower	4.4	2.0	3.6	1.6		
	Foils, Cons, Feeder	10.1	4.6	11.0	5.0		
	Halyard Swivel	1.2	0.5	1.1	0.5		
	Total	15.7	7.1	15.7	7.1		
Unit 1	Lower	7.5	3.4	6.3	2.8	6.2	2.8
	Foils, Cons, Feeder	17.7	8.0	16.7	7.6	24.4	11.1
	Halyard Swivel	2.1	0.9	2.0	0.9	1.9	0.8
	Total	27.2	12.3	25.0	11.3	32.5	14.7
Unit 1.5	Lower	10.1	4.6				
	Foils, Cons, Feeder	17.7	8.0				
	Halyard Swivel	2.1	0.9				
	Total	29.8	13.5				
Unit 2	Lower	14.5	6.6	11.7	5.3	11.4	5.1
	Foils, Cons, Feeder	35.5	16.1	33.8	15.3	46.6	21.1
	Halyard Swivel	3.6	1.6	3.2	1.4	3.7	1.7
	Total	53.6	24.3	48.6	22.0	61.7	28.0
Unit 2.5	Lower	22.1	10.0				
	Foils, Cons, Feeder	35.5	16.1				
	Halyard Swivel	3.6	1.6				
	Total	61.3	27.8				
Unit 3	Lower	33.9	15.4	26.5	12.0		
	Foils, Cons, Feeder	68.7	31.1	54.2	24.6		
	Halyard Swivel	7.1	3.2	6.8	3.1		
	Total	109.6	49.7	87.5	39.7		

TESTIMONIAL

"I wanted to tell you that this new furler that you sent out is Fantastic. We got it all rigged a couple of weeks ago and have done a whole lot of sailing with it. My wife is absolutely convinced that this thing is the "cat's pajamas" because it is much easier for her to furl than the old MKIII, and I don't know why, but she's right it is. It is a lot smoother.

Also because of the low fixed tack height—tack height is critical on the Alerion Express 28—we were able to build a more aggressive jib. We went out this weekend and took 3 bullets out of 3 races which put a little spring into my step. Now, that wasn't all because of the furler, but the furler enabled us to do what we wanted to do with the headsail, which really made a big difference.

So at any rate, I am tickled to death, Deb is tickled to death and I just figured I should report in and let you know that this seems like a really cool piece of gear, and it went together in probably 2/3rds of the time it would normally take to do a MKIII. So, I think we will be able to sell more of these because we will be able to quote lower installation times. So, all around real positive and really, really, happy. Anyway, that's my report, talk to you later."

Ralf Morgan,
KKMI, San Francisco, California