HARKEN®
INNOVATIVE SAILING SOLUTIONS

Small Boat 57 & 75 mm Flip-Flop Blocks

Harken's high-load Flip-Flop blocks feature a hinged construction that pivots from side to side to keep lines fair and close to the deck. The load-sensing Ratchamatic® Flip-Flop rolls freely in both directions under low loads, but automatically engages a ratchet mechanism as loads increase, giving sailors up to 15:1 holding power. Line engagement can be preset to a higher or lower load threshold to suit the sailor.

USES

Use in mainsheet and spinnaker systems and for mast base control lines.

FEATURES

Block pivots around line axis to keep line entry close to the deck.

Hinged construction allows a variety of lead angles.

The Ratchamatic® version rolls in both directions under low loads; automatically engages ratchet when preset load is reached.

Easy-to-adjust cam arms lock in a range of positions for accessibility and to accommodate changing lead angles.

MATERIALS

Lightweight sideplates are deep-saturation Hardkote-anodized machined aluminum; pivot on glass-fiber-reinforced resin chocks.

Ball bearings, sheave, and sideplates are UV stabilized for maximum protection; Teflon®-impregnated for a smooth surface.

MAINTENANCE

Flush frequently with fresh water. Periodically clean with mild detergent and water solution. Spin sheaves to distribute evenly.

Block pivots around the line axis to keep line entry height low.

Part No.	Description	Sheave Ø in	Sheave Ø mm	Width in	Width mm	Length in	Length mm	Height in	Height mm	Max line Ø in	Max line Ø mm	Weight oz	Weight g	Maximum working load lb	Maximum working load kg	Breaking load lb	Breaking load kg
2142	57 mm	2 1/4	57	2	50	4 5/16	110	2 1/8	54	3/8	10	5	141	792	360	1584	718
2143	57 mm/150 Cam	2 1/4	57	2 5/8	66	4 5/16	110	4 5/16	110	3/8	10	11	304	300	136	600	272
2144	57 mm Ratchamatic®	2 1/4	57	2	50	4 5/16	110	2 5/8	67	3/8	10	5.5	156	500	227	1000	554
2145	57 mm Ratchamatic®/150 Cam-Matic®*	2 1/4	57	2 5/8	66	4 5/16	110	4 3/16	106	3/8	10	12	329	300	136	600	272
2678	75 mm	3	75	2 1/2	64	5 5/8	143	3 3/4	95	9/16	14	9.7	275	1213	550	2426	1100
2679	75 mm/150 Cam-Matic®*	3	75	2 5/8	67	5 5/8	143	5 9/16	141	9/16	14	17	485	300	136	600	272
2688	75 mm Ratchamatic®	3	75	2 1/2	64	5 5/8	143	3 1/2	89	7/16	12	11	304	750	340	1500	680
2689	75 mm Ratchamatic®/150 Cam-Matic®*	3	75	2 5/8	67	5 5/8	143	5 3/8	137	7/16	12	18	514	300	136	600	272

*Maximum working loads and breaking loads for blocks based on cam strengths

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