

Appendix 1

1.1 Chain per Revolution for Chain Only Windlasses

Enter the chain per revolution for the windlass.

If your windlass is not listed below, refer to the Operation Manual for instructions to calculate the chain per revolution.

MUIR CHAIN ONLY WINDLASSES

Windlass Model	Chainwheel	Chain Size	Chain per Revolution
Atlantic 600	116	1/4" (6 mm)	248 mm (9.76 inches)
Atlantic 600	117	1/4"	210 mm (8.27 inches)
Atlantic 850-1250	66	1/4" (6 mm)	316 mm (12.44 inches)
Atlantic 850-1250 & 2200	80	5/16" (8 mm)	328 mm (12.91 inches)
Atlantic 850-1250 & 2200	99	3/8" (10 mm)	322 mm (12.68 inches)
Atlantic 850-1250 & 2200	112	3/8" (10 mm)	310 mm (12.2 inches)
Atlantic 850-1250	120	5/16" (8 mm)	330 mm (12.99 inches)
Atlantic 2200, 2500, 3500, 4000	121	5/16" (8 mm)	377 mm (14.84 inches)
Atlantic 2200, 2500, 3500, 4000	130	13 mm	400 mm (15.75 inches)
Atlantic 2500, 3500, 4000	57	5/16"	405 mm (15.94 inches)
Atlantic 2500, 3500, 4000	60	3/8" HT	368 mm (14.49 inches)
Atlantic 2500, 3500, 4000	61	3/8" BBB	380 mm (14.96 inches)
Atlantic 2500, 3500, 4000	114	1/2" DIN 766	420 mm (16.54 inches)
Atlantic 2500, 3500, 4000	119	3/8" (10 mm)	405 mm (15.94 inches)
Atlantic 2500, 3500, 4000	130	13 mm	400 mm (15.75 inches)
Atlantic 2500, 3500, 4000	131	7/16" (12.5 mm)	420mm (16.54 inches)

1.2 Pre-set Windlass Profile List for Rope & Chain Windlasses

Find the windlass model.

Check the chainwheel reference.

Check the chain size.

Check the rope size.

Select the AutoAnchor reference number.

If your windlass is not on the list, you need to calculate the length of chain and rope that is released during one complete revolution of the chainwheel. See Operation Manual for instructions.

MUIR ROPE & CHAIN WINDLASSES

Windlass Model	Voltage	Chainwheel Reference	Chain Size	Rope Size	AutoAnchor Reference
Atlantic 600	12V	116	1/4" (6 mm)	1/2" (12 mm) 3 strand	68
Atlantic 600	12V	117	1/4" (6 mm)	1/2" (12 mm) 3 strand	69
Atlantic 850	12V	66	1/4" (6 mm)	1/2" (12 mm) 3 strand	70
Atlantic 850	12V	80	5/16" (8 mm)	1/2" (12 mm) 3 strand	85
Atlantic 850	12V	80	5/16" (8 mm)	9/16" (14 mm) 3 strand	72
Atlantic 850	12V	99	3/8" (10 mm)	5/8" (16 mm) 3 strand	73
Atlantic 850	12V	112	3/8" (10 mm)	5/8" (16 mm) 3 strand	71
Atlantic 850	12V	120	5/16" (8 mm)	9/16" (14 mm) 3 strand	86
Atlantic 850	12V	120	5/16" (8 mm)	9/16" (14 mm) 3 strand	74

1.2 Pre-set Windlass Profile List for Rope & Chain Windlasses

Find the windlass model.

Check the chainwheel reference.

Check the chain size.

Check the rope size.

Select the AutoAnchor reference number.

If your windlass is not on the list, you need to calculate the length of chain and rope that is released during one complete revoution of the chainwheel. See Operation Manual for instructions.

MUIR ROPE & CHAIN WINDLASSES

Windlass Model	Voltage	Chainwheel Reference	Chain Size	Rope Size	AutoAnchor Reference
Atlantic 1000/1250	12/24V	66	1/4" (6 mm)	1/2" (12 mm) 3 strand	75
Atlantic 1000/1250	12/24V	80	5/16" (8 mm)	9/16" (14 mm) 3 strand	77
Atlantic 1000/1250	12/24V	99	3/8" (10 mm)	5/8" (16 mm) 3 strand	78
Atlantic 1000/1250	12/24V	112	3/8" (10 mm)	5/8" (16 mm) 3 strand	76
Atlantic 1000/1250	12/24V	120	5/16" (8 mm)	9/16" (14 mm) 3 strand	79
Atlantic 1200	12/24V	66	1/4" (6 mm)	1/2" (12 mm) 3 strand	80
Atlantic 1200	12/24V	80	5/16" (8 mm)	9/16" (14 mm) 3 strand	82
Atlantic 1200	12/24V	99	3/8" (10 mm)	5/8" (16 mm) 3 strand	83
Atlantic 1200	12/24V	112	3/8" (10 mm)	5/8" (16 mm) 3 strand	81
Atlantic 1200	12/24V	120	5/16" (8 mm)	9/16" (14 mm) 3 strand	84
Atlantic 2200	12/24V	80	5/16" (8 mm)	9/16" (14 mm) 3 strand	88
Atlantic 2200	12/24V	99	3/8" (10 mm)	5/8" (16 mm) 3 strand	89
Atlantic 2200	12/24V	112	3/8" (10 mm)	5/8" (16 mm) 3 strand	87
Atlantic 2500	12/24V	57	5/16" (8mm)	5/8" (16 mm) 3 strand	90
Atlantic 2500	12/24V	60	3/8" (10 mm) HT	3/4" (19 mm) 3 strand	92
Atlantic 2500	12/24V	61	3/8" (10 mm) BBB	3/4" (19 mm) 3 strand	93
Atlantic 2500	12/24V	114	1/2" (12.5mm)	7/8" (22mm) 3 strand	94
Atlantic 2500	12/24V	119	3/8"(10 mm)	3/4" (19 mm) 3 strand	97
Atlantic 2500	12/24V	121	5/16" (8 mm)	5/8" (16 mm) 3 strand	91
Atlantic 2500	12/24V	130	13 mm	7/8" (22 mm) 3 strand	96
Atlantic 2500	12/24V	131	1/2" (12.5 mm)	7/8" (22 mm) 3 strand	94
Atlantic 3500	12/24V	60	3/8" (10 mm) HT	3/4" (19 mm) 3 strand	100
Atlantic 3500	12/24V	61	3/8" (10 mm) BBB	3/4" (19 mm) 3 strand	101
Atlantic 3500	12/24V	114	1/2" (12.5 mm)	7/8" (22 mm) 3 strand	102
Atlantic 3500	12/24V	119	3/8"(10 mm)	3/4" (19 mm) 3 strand	99
Atlantic 3500	12/24V	130	13 mm	7/8" (22 mm) 3 strand	103
Atlantic 3500	12/24V	131	1/2" (12.5mm)	7/8" (22 mm) 3 strand	102
Atlantic 4000(1500W)	12V	60	3/8" (10 mm) HT	3/4" (19 mm) 3 strand	105
Atlantic 4000(1500W)	12V	61	3/8" (10 mm) BBB	3/4" (19 mm) 3 strand	106
Atlantic 4000(1500W)	12V	119	3/8" (10 mm)	3/4" (19 mm) 3 strand	104
Atlantic 4000(1500W)	12V	130	13 mm	7/8" (22 mm) 3 strand	110
Atlantic 4000(2000W)	24V	60	3/8" (10 mm) HT	3/4" (19 mm) 3 strand	108
Atlantic 4000(2000W)	24V	61	3/8 (10 mm) BBB	3/4" (19 mm) 3 strand	109
Atlantic 4000(2000W)	24V	114	1/2" (12.5 mm)	7/8" (22 mm) 3 strand	112
Atlantic 4000(2000W)	24V	119	3/8" (10 mm)	3/4" (19 mm) 3 strand	107
Atlantic 4000(2000W)	24V	130	13 mm	7/8" (22 mm) 3 strand	111
Atlantic 4000(2000W)	24V	131	1/2" (12.5 mm)	7/8" (22 mm) 3 strand	112