

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.

MAXWELL CHAIN ONLY WINDLASSES

Windlass Model	Chainwheel	Chain Size	Chain per Revolution
Freedom 500	P100030	1/4"(7mm)	295 mm (11.6 inches)
Freedom 500M	P100031	6 mm	292 mm (11.5 inches)
Freedom 800	P100033	5/16"	256 mm (10.1 inches)
Freedom 800M	P100034	8 mm	290 mm (11.4 inches)
HRC 6 or HRC 8	6050/1	6 mm	295 mm (11.6 inches)
HRC 6 or HRC 8	6062/3	1/4"(7 mm)	300 mm (11.8 inches)
HRC 8	6074/5	8 mm	290 mm (11.4 inches)
HRC 8	6086/7	5/16"	310 mm (12.2 inches)
Liberty	5220/P101525	3/8" (10 mm)	330 mm (13.0 inches)
Liberty	5346/P101542	5/16"	360 mm (14.2 inches)
Liberty	5443/P101547	8 mm	340 mm (13.4 inches)
RC10	P103309	3/8" (10mm)	322 mm (13.01 inches)
VWC 1000/1500	3173/100	3/8" ACCO G40	300 mm (11.8 inches)
VWC 1000/1500	3173/105	5/16" ACCO G40	360 mm (14.2 inches)
VWC 1000/1500	3173/107	8mm DIN 766	330 mm (13.0 inches)
VWC 1000/1500	3173/110	8mm PWB L,P	330 mm (13.0 inches)
VWC 1000/1500	3173/111	7mm DIN 766	300 mm (11.8 inches)
VWC 1000/1500	3173/114	3/8" ACCO BBB	330 mm (13.0 inches)
VWC 2200	3231/033	5/16" ACCO G40	410 mm (16.1 inches)
VWC 2200	3231/054	10mm DIN 766	450 mm (17.7 inches)
VWC 2200	3231/058	3/8" ACCO G40	420 mm (16.5 inches)
VWC 2200	3231/045	10mm PWB	420 mm (16.5 inches)
VWC 3500/4000	3182/016	13mm PWB L	460 mm (18.1 inches)
VWC 3500/4000	3182/033	5/16" ACCO G40	470 mm (18.5 inches)
VWC 3500/4000	3182/043	13mm DIN 766	510 mm (20.0 inches)
VWC 3500/4000	3182/054	10mm DIN 766	450 mm (17.7 inches)
VWC 3500/4000	3182/058	3/8" ACCO G40	480 mm (18.9 inches)
VWC 3500/4000	3182/201	14mm DIN 766	500 mm (19.7 inches)
VWC 4500	3710/003C		540 mm (21.3 inches)
VWC 6000	2514/003C		630 mm (24.8 inches)
VWC 8000/10000BB	2512/001C		760 mm (29.9 inches)

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

Find the windlass model.

Check the chainwheel reference.

Check the chain and 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.

MAXWELL ROPE & CHAIN WINDLASSES

Windlass Model	Chainwheel Reference	Chain Size	Rope Size	AutoAnchor Reference
Freedom 500	P100030	¼" (7 mm)	½" (12 mm) 3 strand	35
Freedom 500	P100030	¼" (7 mm)	½" (12 mm) 8 plait	34
Freedom 500 - 1000W	P100030	¼" (7 mm)	½" (12 mm) 3 strand	21
Freedom 500M	P100031	6 mm	½" (12 mm) 3 strand	2
Freedom 500M	P100031	6 mm	½" (12 mm) 8 plait	33
Freedom 500M - 1000W	P100031	6 mm	½" (12 mm) 3 strand	22
Freedom 800	P100033	5/16"	5/8" (16 mm) 3 strand	40
Freedom 800	P100033	5/16"	5/8" (16 mm) 8 plait	39
Freedom 800	P100033	5/16"	½" (12 mm) 3 strand	36
Freedom 800	P100033	5/16"	½" (12 mm) 8 plait	37
Freedom 800	P100033	5/16"	9/16" (14 mm) 3 strand	38
Freedom 800M	P100034	8 mm	9/16" (14 mm) 3 strand	1
Freedom 800M	P100034	8 mm	½" (12 mm) 3 strand	41
Freedom 800M	P100034	8 mm	½" (12 mm) 8 plait	42
HRC 6	6050/1	6 mm	½" (12 mm) 3 strand or 8 plait	23
HRC 6	6062/3	¼" (7mm)	½" (12 mm) 8 strand or 8 plait	24
HRC 8	6050/1	6 mm	½" (12 mm) 3 strand or 8 plait	25
HRC 8	6062/3	¼" (7 mm)	½" (12 mm) 3 strand or 8 plait	26
HRC 8	6074/5	8 mm	9/16" (14 mm) 3 strand or 8 plait	27
HRC 8	6074/5	8 mm	5/8" (16 mm) 3 strand or 8 plait	28
HRC 8	6086/7	5/16"	½" (12 mm) 3 strand	29
HRC 8	6086/7	5/16"	½" (12 mm) 8 plait	30
HRC 8	6086/7	5/16"	9/16" (14 mm) 3 strand	31
HRC 8	6086/7	5/16"	5/8" (16 mm) 3 strand	32
Liberty - 1000 Watt	5220/P101525	3/8" (10 mm)	¾" (20 mm) 3 strand	7
Liberty - 1000 Watt	5220/P101525	3/8" (10 mm)	¾" (20 mm) 8 plait	8
Liberty - 1000 Watt	5346/P101542	5/16"	5/8" (16 mm) 3 strand	5
Liberty - 1000 Watt	5346/P101542	5/16"	5/8" (16 mm) 8 plait	6
Liberty - 1000 Watt	5443/P101547	8 mm	5/8" (16 mm) 3 strand	3
Liberty - 1000 Watt	5443/P101547	8 mm	5/8" (16 mm) 8 plait	4
Liberty - 1200 Watt	5220/P101525	3/8" (10 mm)	¾" (20 mm) 3 strand	13
Liberty - 1200 Watt	5220/P101525	3/8" (10 mm)	¾" (20 mm) 8 plait	14
Liberty - 1200 Watt	5346/P101542	5/16"	5/8" (16 mm) 3 strand	11
Liberty - 1200 Watt	5346/P101542	5/16"	5/8" (16 mm) 8 plait	12
Liberty - 1200 Watt	5443/P101547	8 mm	5/8" (16 mm) 3 strand	9
Liberty - 1200 Watt	5443/P101547	8 mm	5/8" (16 mm) 8 plait	10
Liberty - 1500 Watt	5220/P101525	3/8" (10 mm)	¾" (20 mm) 3 strand	19
Liberty - 1500 Watt	5220/P101525	3/8" (10 mm)	¾" (20 mm) 8 plait	20
Liberty - 1500 Watt	5346/P101542	5/16"	5/8" (16 mm) 3 strand	17
Liberty - 1500 Watt	5346/P101542	5/16"	5/8" (16 mm) 8 plait	18
Liberty - 1500 Watt	5443/P101547	8 mm	5/8" (16 mm) 3 strand	15
Liberty - 1500 Watt	5443/P101547	8 mm	5/8" (16 mm) 8 plait	16
RC10	P103309	3/8" (10 mm)	5/8" (16 mm) 3 strand	43