

Specification for Marine Anchor Windlass

Main Technical Specification(Electric windlass)

Chain Dia.(mm)	Working Load(kN)	Supporting Load(kN)	Working Speed(m/min)	Warping Load(kN)	Motor Power(kW)
12.5	5.9	30	≥9	5	3/1.2
14/16/17.5	8.3/10.9/13.0	51/67/80	≥9	8	4.3/1.7
19/20.5/22	15.3/17.9/20.6	95/110/126	≥9	10	8.5/3.5
24/26	24.5/28.7	149/175	≥9	20	8.5/3.5
28/30	33.3/38.3	202/231	≥9	30	11/11/7.5
32/34/36	43.5/49.1/55.1	261/294/329	≥9	30	16/16/11
38/40/42	61.4/68.0/75.0	365/402/442	≥9	40	22/22/16
44/46/48	82.3/89.9/97.9	483/526/570	≥9	50	30/30/22
50/52/54	106.3/114.9/123.9	617/664/713	≥9	50	30/30/22
56/58/60	133.3/143.0/153	764/816/870	≥9	60	45/45/30
62/64	163.4/174.1	925/982	≥9	80	45/45/30
66/68	185.1/196.5	1040/1098	≥9	100	45/45/30
70/73	208.3/226.5	1160/1254	≥9	100	60/60/45
76/78	245.5/258.6	1350/1416	≥9	125	60/60/45
81/84	311.7/335.2	2171/2320	≥9	140	75/75/36
87/90	359.5/384.8	2473/2629	≥9	150	75/75/36
92/95	402.0/428.7	2735/2898	≥9	200	85/85/64
97/100	446.9/475.0	2995/3162	≥9	250	100/100/50
05/107	523.7/543.8	3612/3750	≥9	300	110/110/55
112/114	595.8/617.3	4109/4228	≥9	350	132/132/66

Main Technical Specification(Hydraulic windlass)

Chain Dia.(mm)	Working Load(kN)	Supporting Load(kN)	Working Speed(m/min)	Warping Load(kN)	Motor Power(kW)
14/16/17.5	8.3/10.9/13.0	51/67/80	≥9	8	5.5
19/20.5/22	15.3/17.9/20.6	95/110/126	≥9	10	7.5
24/26	24.5/28.7	149/175	≥9	20	11
28/30	33.3/38.3	202/231	≥9	30	15
32/34/36	43.5/49.1/55.1	261/294/329	≥9	30	22

38/40/42	61.4/68.0/75.0	365/402/442	≥9	40	30
44/46/48	82.3/89.9/97.9	483/526/570	≥9	50	37
50/52/54	106.3/114.9/123.9	617/664/713	≥9	50	45
56/58/60	133.3/143.0/153	764/816/870	≥9	60	55
62/64	163.4/174.1	925/982	≥9	80	55
66/68	185.1/196.5	1040/1098	≥9	100	75
70/73	208.3/226.5	1160/1254	≥9	100	75
76/78	245.5/258.6	1350/1416	≥9	125	90
81/84	311.7/335.2	2171/2320	≥9	140	110
87/90	359.5/384.8	2473/2629	≥9	150	120
92/95	402.0/428.7	2735/2898	≥9	200	130
97/100	446.9/475.0	2995/3162	≥9	250	150
05/107	523.7/543.8	3612/3750	≥9	300	180
112/114	595.8/617.3	4109/4228	≥9	350	200

Main Technical Specification(diesel engine windlass)

Chain Dia.	Working Load	Supporting Load	Working Speed	Warping Load	Motor Power
mm	KN	KN	m/min	KN	kW
14/16/17.5	8.3/10.9/13.0	51/67/80	≥9	8	5.5
19/20.5/22	15.3/17.9/20.6	95/110/126	≥9	10	7.5
24/26	24.5/28.7	149/175	≥9	20	11
28/30	33.3/38.3	202/231	≥9	30	15
32/34/36	43.5/49.1/55.1	261/294/329	≥9	30	22
38/40/42	61.4/68.0/75.0	365/402/442	≥9	40	30
44/46/48	82.3/89.9/97.9	483/526/570	≥9	50	37
50/52/54	106.3/114.9/132.9	617/664/713	≥9	50	45
56/58/60	133.2/143.0/153.0	764/816/870	≥9	60	55

Above specifications only for reference, We can supply various windlasses according to your requirements.