



### C-WINCH ECAW

- Effective and safe operation.
- Various options on dimensions possible.
- Compact design with high levels of reliability and efficiency.
- The electro motor is frequency controlled or pole changeable for different speeds and overload protected by PTC.
- Low noise level, environmental sound.
- Very low maintenance, all wear and tear parts are of stainless steel.
- Turnkey '*plug and play*' delivery. C-Winches are completely tested in the factory. The electric connection cable is included and the gear case is provided with oil.

### OPTIONS AND EXTRAS

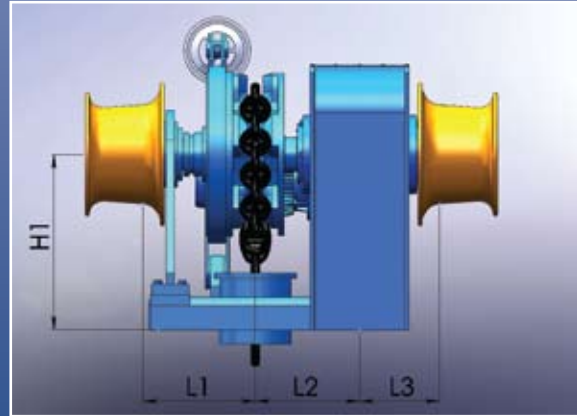
- Speed control system for paying in the chain to prevent damage to the hull and anchor pocket
- Automatic speed control system for paying "out" the chain and anchor (automatic anchor drop system)
- Low speed option for clutch operation
- Hydraulic or pneumatic operated clutch
- Hydraulic or pneumatic operated brakes
- Alarm signals to the boards alarm system
- Load measurement indication
- Chain length measurement system
- Higher levels of water tightness above IP 56
- Finished with full paint system
- Radiographic controls
- Footswitch operation
- Remote controls



## TECHNICAL SPECIFICATION

C-Winch electric driven winches are supplied in the range of 24 mm U3 chain to 87 mm U3 chain. The C-Winches are of modular type, this means various combinations are available. C-Winches are made of high tensile materials and therefore compact and low weight.

C-Winches are designed in such a way that minimum maintenance is required. The energy consumption is taken into account with high efficient bearings and effective controls systems.



TYPE	ANCHOR PART NOMINAL PULLING FORCE QUALITY U3	ANCHOR PART BREAK-OUT FORCE QUALITY U3	WARPING PART NOMINAL PULL	ELECTRIC INSTALLED POWER/ELECTRIC EXECUTION	DIMENSION L1	DIMENSION L2	DIMENSION L3	DIMENSION H1	WEIGHT
MM	kN	kN	kN	kW	MM	MM	MM	MM	KGS
24	27,36	41,04	20	4,5	315	325	260	600	1680
26	32,11	48,17	20	5,5	315	325	260	600	1820
28	37,24	55,86	30	6	315	325	260	600	1960
30	42,75	64,13	30	6,5	315	325	260	600	2100
32	48,64	72,96	40	7,5	380	380	305	650	2090
34	54,91	82,37	40	8	380	380	305	650	2230
36	61,56	92,34	50	8,5	380	380	305	650	2370
38	68,59	102,89	50	10	380	380	305	650	2510
40	76,00	114,00	60	11,5	490	475	325	760	2790
42	83,79	125,69	60	12,5	490	475	325	760	2930
44	91,96	137,94	70	14	490	475	325	760	3080
46	100,51	150,77	70	15	490	475	325	760	3250
48	109,44	164,16	80	16,5	530	520	375	825	3500
50	118,75	178,13	80	18	530	520	375	825	3980
52	128,44	192,66	80	19,5	530	520	375	825	4500
54	138,51	207,77	80	21	530	520	375	825	5050
56	148,96	223,44	100	23	575	585	415	900	5390
58	159,79	239,69	100	25	575	585	415	900	6020
60	171,00	256,50	110	27	575	585	415	900	6680
62	182,59	273,89	120	29	575	585	415	900	7440
64	194,56	291,84	140	31	610	645	450	1030	8100
66	206,91	310,37	140	32,5	610	645	450	1030	9120
68	219,64	329,46	160	35	610	645	450	1030	10270
70	232,75	349,13	160	37	610	645	450	1030	11500
73	253,13	379,69	180	40	635	690	500	1180	12590
76	274,36	411,54	180	43	635	690	500	1180	14150
78	288,99	433,49	200	46	635	690	500	1180	14650
81	311,65	467,47	200	49	635	760	525	1310	15300
84	335,16	502,74	250	52	635	760	525	1310	16150
87	359,53	539,29	250	56	635	760	525	1310	16990

DISCLAIMER

The information provided in this specification sheet is for informational purposes only. While reasonable care has been taken to ensure that the information contained in this sheet is correct at the time it was made available and C-Nautical B.V. will attempt to keep the information current, C-Nautical B.V. makes no warranty or representation as to the accuracy or completeness of any information in this sheet. October 2009.