



### C-WINCH EHCAMW

- Stepless control of the winches, locally or remote.
- Effective and safe operation.
- Maximum protection of drive and control parts, no loose piping on the deck.
- Quality components of suppliers with worldwide service network.
- Various options on dimensions possible.
- Full system operation build into the winch.
- Compact design with high levels of reliability and efficiency.
- The electro motor has a stand standstill heating and is overload protected by PTC.
- Certification by all major classification societies possible.
- 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.

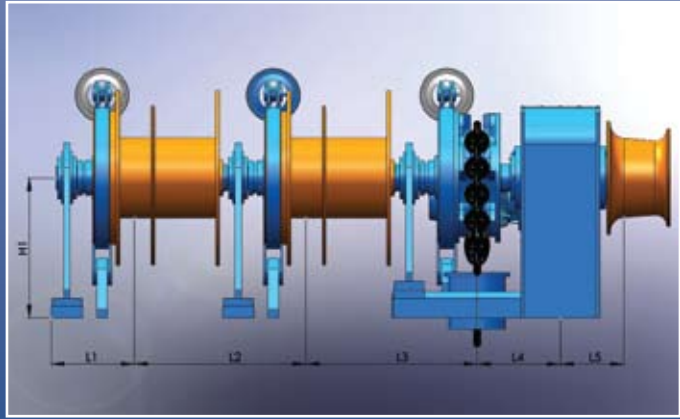
### OPTIONS AND EXTRAS

- 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)
- Automatic mooring operation by means of self-tensioning
- Low speed option for clutch operation
- Hydraulic or pneumatic operated clutch
- Hydraulic or pneumatic operated brakes
- Alarm signals to the boards alarm system
- Higher levels of water tightness above IP 56
- Load measurement indication
- Chain length measurement system
- Oil cooling system optional
- Finished with full paint system
- Radiographic controls
- Remote controls
- Footswitch operation



## TECHNICAL SPECIFICATION

C-Winch electric hydraulic 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	MOORING PART NOMINAL PULL	ELECTRIC INSTALLED POWER/ELECTRIC HYDRAULIC EXECUTION	DIMENSION L1	DIMENSION L2	DIMENSION L3	DIMENSION L4	DIMENSION L5	DIMENSION H1	WEIGHT
MM	kN	kN	kN	kW	MM	MM	MM	MM	MM	MM	KGS
24	27,36	41,04	20	5,5	385	795	795	325	260	600	2440
26	32,11	48,17	20	7	385	795	795	325	260	600	3040
28	37,24	55,86	30	7,5	385	795	795	325	260	600	3640
30	42,75	64,13	30	8	385	795	795	325	260	600	4240
32	48,64	72,96	40	9,5	460	950	950	380	305	650	4840
34	54,91	82,37	40	10	460	950	950	380	305	650	5440
36	61,56	92,34	50	11	460	950	950	380	305	650	6040
38	68,59	102,89	50	12	460	950	950	380	305	650	6640
40	76,00	114,00	60	14	505	1100	1100	475	325	760	3780
42	83,79	125,69	60	15,5	505	1100	1100	475	325	760	3920
44	91,96	137,94	70	17	505	1100	1100	475	325	760	4060
46	100,51	150,77	70	19	505	1100	1100	475	325	760	4200
48	109,44	164,16	80	20	555	1200	1200	520	375	825	5050
50	118,75	178,13	80	22	555	1200	1200	520	375	825	5930
52	128,44	192,66	80	24	555	1200	1200	520	375	825	6850
54	138,51	207,77	80	26	555	1200	1200	520	375	825	7800
56	148,96	223,44	100	29	615	1385	1385	585	415	900	8790
58	159,79	239,69	100	31	615	1385	1385	585	415	900	9820
60	171,00	256,50	110	34	615	1385	1385	585	415	900	10880
62	182,59	273,89	120	36	615	1385	1385	585	415	900	12040
64	194,56	291,84	140	39	615	1385	1385	645	450	1030	13600
66	206,91	310,37	140	41	615	1385	1385	645	450	1030	15270
68	219,64	329,46	160	43	615	1385	1385	645	450	1030	17070
70	232,75	349,13	160	46	615	1385	1385	645	450	1030	18950
73	253,13	379,69	180	50	675	1515	1515	690	500	1180	21090
76	274,36	411,54	180	54	675	1515	1515	690	500	1180	23450
78	288,99	433,49	200	58	675	1515	1515	690	500	1180	17100
81	311,65	467,47	200	62	675	1515	1515	760	525	1310	18000
84	335,16	502,74	250	65	675	1515	1515	760	525	1310	18850
87	359,53	539,29	250	67	675	1515	1515	760	525	1310	19690

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. September 2010.