



**Anchor winch**  
46, 48 & 50 mm



**Anchor Mooring winch**  
46, 48 & 50 mm 80kN



**Mooring winch**  
80kN

**ELECTRIC FREQUENCY (EF)**

The multistep spur gear is mounted in the closed welded housing. Gearwheels and pinions are made of wear resistant steel and are running in an oil bath. The electric motor is mounted on the outside of the winch gearbox with a flange connection. The motor is equipped with a disc brake. Winch operation is integrated in the gearbox. The winch is running with an infinitely variable speed in both directions by using the control lever which is located on the topside of the gearbox.

- *Constant Tensioning is an optional feature.*



Power kW	Voltage V	Frequency Hz	speed rpm	Pole type
22	440 *	60 *	1750	4
* = output signal frequency converter				

**ELECTRIC HYDRAULIC (EH)**

The multistep spur gear is mounted in the closed welded housing. Gearwheels and pinions are made of wear resistant steel and are running in an oil bath. The electric motor is mounted on the outside of the winch gearbox with a flange connection. The complete hydraulic unit, comprising a motor, pump, filter, steering unit and piping is mounted in a separate, closed part of the gear housing. The winch is running with an infinitely variable speed in both directions by using the control lever which is located on the topside of the gearbox.

- *Constant Tensioning is an optional feature.*

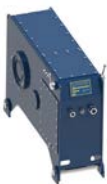


Power kW (50Hz)	speed rpm (50Hz)	Power kW (60Hz)	speed rpm (60Hz)	Pole type
30	2943	34	3536	2

**HYDRAULIC (H)**

The multistep spur gear is mounted in the closed welded housing. Gearwheels and pinions are made of wear resistant steel and are running in an oil bath. The electric motor is mounted on the outside of the winch gearbox with a flange connection. The complete hydraulic unit, comprising a motor, control unit, steering unit and piping is mounted in a separate, closed part of the gear housing. The winch is running with an infinitely variable speed in both directions by using the control lever which is located on the topside of the gearbox.

- *Constant Tensioning is an optional feature.*



Pressure bar	flow l/min
250	85

## **ANCHOR PART**

The gypsies are made of cast steel and fitted with seawater resistant bronze plain bearings, mounted on the main shaft. The gypsies are declutchable and stopped by means of using the friction lined band brake. The brake linings are asbestos free and seawater resistant. Brake bolt and spindle are made of stainless steel. The main shaft is running on roller bearings. The roller bearings are protected by radial oil seals which are running on separate seawater resistant slide bushes.



Chain size mm	Nom. pull kN	Max. pull kN	Brake holding force kN (45%)	Nom speed m/min	Max. speed m/min	Pcd. Ø mm
46	100.510	150.765	756.00	> 9	±18 / ±27	597.40
48	109.440	164.160	814.50	> 9	±18 / ±27	623.37
50	118.750	178.125	882.00	> 9	±18 / ±27	649.35

## **MOORING PART (Split drum)**

The drum is of a steel welded construction with a smooth surface and runs on bronze plain bearings. The drums are declutchable and can be stopped by means of a friction lined band brake. The brake linings are asbestos free and seawater resistant. Brake bolt and spindle are made of stainless steel. The main shaft is running on roller bearings. The roller bearings are protected by radial oil seals which are running on separate seawater resistant slide bushes. The wire will be connected to the drum by means of clips or a key. When using synthetic wires, a split drum is used which is divided into a working and storing part. A drum constructed this way, always allows a maximum pull in the first layer.



Nom. pull kN	Max. pull kN	Brake holding force kN	Nom speed m/min	Max. speed m/min	Drum Diameter Ø mm	Drum length mm
80 (1)	120	240	> 15	±30 / ±45	609.6	1000
80 (2)	120	240	> 15	±30 / ±45	368	1200

(1) = Mooring winch / (2) = Anchor mooring winch

## **WARPING HEAD**

The warping head is made of cast steel and directly mounted on the main shaft. Therefore the turning direction of the warping head is the same as the drum or Gypsy wheel.



Nom. pull kN	Max. pull kN	Nom speed m/min	Max. speed m/min	WH Diameter Ø mm	WH length mm
65 (1)	97.5	> 19	±38 / ±56	450	375
112 (2)	168	> 12	±24 / ±36	630	530

(1) = Mooring part / (2) = Anchor part

## **OPTIONAL FEATURES:**

*Additional control stand*



*Remote control*



*OCIMF brake  
(Only for drum)*



*Remote anchor drop  
Pneumatic / Hydraulic*

