



Anchor winch
52, 54 & 56 mm



Anchor Mooring winch
52, 54 & 56 mm 100kN



Mooring winch
100kN

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
30	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.*

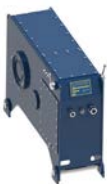


Power kW (50Hz)	speed rpm (50Hz)	Power kW (60Hz)	speed rpm (60Hz)	Pole type
32	2939	37	3534	2

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	115

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 silde 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
52	128.440	192.660	949.50	> 9	±18 / ±27	675.32
54	138.510	207.765	1021.50	> 9	±18 / ±27	701.29
56	148.960	223.440	1093.50	> 9	±18 / ±27	727.27

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 silde 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
100	150	300	> 15	±30 / ±45	368	1200

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
90 (1)	135	> 19	±38 / ±56	450	375
150 (2)	225	> 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*

