



DATA Chain Stoppers

DATA chain stoppers and compressors protect windlasses from unnecessary load and strain. When the anchor is stowed, devil's claw helps to decrease the tension on the chain with the help of brake wheel. It also acts to guard the moving chain and provides an elegant look in keeping with the windlass Chain stoppers / compressors integrated with devil's claw suit to chains beginning from 14 mm. and are manufactured from mirror polished AISI 316L stainless steel. We recommends to use these equipments for additional safety.



Lofrans Manual Anchor Winch

Hand operated anchor winch with nickel plated (DIN 766) brass gipsy and drum. Double acting and self-lubricating lever operation. The drum can be used independently as well. Aluminium housing. Available with 8 mm (5/16") or 10 mm (3/8") gipsy.



Lofrans Electric Anchor Winch

Electric operated anchor winch with nickel plated (DIN 766) brass gipsy and drum. Manual operation possible. The drum can be used independently as well.

Aluminium housing. Available with 8 mm (5/16") or 10 mm (3/8") gipsy. The anchor winch comes complete with relay.

Chain speed : 22 m/min. at 50 kg.
Consumption motor : 1200W

Chain size (mm)	Weight (kg)	Pulling power (kg)	Volt	Ampere	Cat. no.
8	24	1100	12	80 - 110	1202.01
10	24	1100	12	80 - 110	1202.02
8	24	1100	24	50 - 60	1203.01
10	24	1100	24	50 - 60	1203.02

Anchors Windlasses & Capstans

How To Choose a Windlass?

In order to select the proper windlass, you have to decide which type will be suitable for your boat.

Horizontal Windlass

This type is preferred by the most of boat owners. They are entirely installed above the deck. Because maintenance and installation operations for this type is more simple than vertical types.

Vertical Windlass

The main difference of this type is that the profile deck is very compact as the motor and the gearbox are under the deck. With the help of this advantage, they are suitable for every kind of boat, sailboat or motorboat.



DZC 401 E

DZC 401E windlass is driven by a 1000 or 1500 W (12 / 24V DC) electric motor providing a pulling force of 735 kgs. It has a gypsy for chain 8 or 10 mm. DIN 766.

- Recommended for boats upto 18 mts. in length,
- Hauling up - down control buttons on the body,
- Built in; polyurethane based marine painted special aluminium alloyed light & long life body, alloyed bronze gypsy, alloyed aluminium anodised drum and stainless steel shaft,
- Emergency manual override,
- Chain can be dropped by means of loosable clutch.

Drive	Electric Motor (12-24 V DC)	Electric Motor (12-24 V DC)
Maximum Cont. Pull	325 kg. (with 24 V DC Motor)	325 kg. (with 24 V DC Motor)
Maximum pull	490 kg. (with 24 V DC Motor)	735 kg. (with 24 V DC Motor)
Haulage speed (for 100 kg. working load)	16 m/min.	16 m/min.
Gypsy for chain	8 mm. DIN 766	10 mm. DIN 766
Approximate weight	32 kg.	32 kg.
Current draw	100 A (12V)-60 A (24V)	150A(12V)-85A(24V)
Input power	1000 W	1500W

DZC 1001 H / 1002 H

DZC1001H and DZC1002 H are horizontal anchor windlasses for medium sized sail and power boats. They have gypsies for chains 10-12-13 mm. DIN 766.

- Recommended for boats upto 28 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built in polyurethane based marine painted special aluminium alloyed light and long life body, alloyed bronze gypsy and drum. If requested, steel or polished AISI316L gypsy and drum option is available,
- Emergency manual override,
- Two different control options; over the body or remote control,
- Hydraulic power can be provided from a main engine driven (dog or magnetic clutch) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake.

Drive	Hydraulic
Maximum Cont. Pull	1000 kg
Maximum pull	1100 kg.
Haulage speed	16m/min.
Gypsy for chain	10-12-13 mm. DIN 766
Approximate weight	65 kg. (DZC1001H)
	103 kg. (DZC1002H)
Input power	Max. 4kW

DZC 1201 / 1202

DZC1201 and DZC1202 are horizontal anchor windlasses for medium sized sail and power boats. They have gypsies for chains 10-12-13-14 mm. DIN 766, 12,5 mm. stud-link..

- Recommended for boats upto 30 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built in polyurethane based marine painted special aluminium alloyed light and long life body, alloyed bronze gypsy and drum. If requested, steel or polished AISI 316L gypsy and drum option is available,
- Emergency manual override,
- Drum can be operated seperately by the practical band brake.

	DZC 1201H / 1202H	DZC 1201E / 1202E
Drive	Hydraulic	Electric (24 V DC)
Maximum cont. pull	1200 kg.	1000 kg.
Maximum pull	1320 kg.	1250 kg.
Haulage speed (for 250 kg. working load)	15m/min.	14 m/min.
Gypsy for chain	10-12-13-14 mm. DIN 766 12.5 mm. Stud-link	10-12-13-14 mm. DIN 766 12.5 mm. Stud-link
Approximate weight	110 kg. (DZC1201H), 130 kg. (DZC1202H)	125 kg. (DZC 1201 E), 150 kg. (DZC 1202 E)
Current draw	-	145 A (24 V- 2500 W)
Input power	Max. 5.5 kW	2500 W



DZC 1701 / 1702

DZC1701 and DZC1702 are horizontal anchor windlasses for medium to large yachts either sail or power. They have gypsies for chains 14-16-18 mm. DIN 766 or 12,5-14-16 mm. Stud-link.

- Recommended for boats up to 40 mts in length,
- Gypsies are equipped with both a clutch and a brake to allow maximum flexibility of operation,
- Built In polyurethane based marine painted galvanised steel body, alloyed bronze gypsy and drum. If requested, steel or polished AISI316L gypsy and drum option is available,
- Two different hydraulic control options; locally over the body or bridge control,
- Hydraulic power can be provided from a main engine driven (dog / magnetic clutch or live P.T.D.) or an electric motor driven power unit,
- Drum can be operated separately by the practical band brake,
- Alternate current electric motor option is available,
- AC driven models are fitted with torque limiting device.

	DZC 1701 H/ 1702 H	DZC 1701 E/ 1702 E
Drive	Hydraulic	Electric (380 V AC = 50 HZ)
Maximum cont. pull	1750 kg.	1750 kg.
Maximum pull	1950 kg.	2190 kg.
Haulage speed	13m/min.	13m/min.
Gypsy for chain	14-16-18 mm. DIN 766	14-16-18 mm. DIN 766
	12.5-14-16 mm. Stud-link	12.5-14-16 mm. Stud-link
Approximate weight	205 kg. (DZC1701 H)	290 kg. (DZC1701 E)
	260 kg. (DZC1702H)	365 kg. (DZC1702E)
Input power	max. 10.5 kW	365 kg. (DZC1702E)



DZC 3301/ 3302

DZC 3301 and DZC 3302 are heavy duty anchor windlasses for large and extremely large yachts - either sail or power. They have gypsies for chains 18-20-23 mm. DIN 766 or 17.5 -19 -20.5 - 22 mm. Stud-link.

- Recommended for boats up to 50 mts. in length,
- Gypsies are equipped with both a clutch and a brake to allow maximum flexibility of operation,
- Built in; polyurethane based marine painted galvanised steel body, alloyed bronze gypsy and drum. If requested, steel or polished AISI316L gypsy and drum option is available,
- Two different hydraulic control options; locally over the body or remote control,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated separately by the practical band brake,
- Alternate current electric motor option is available,
- AC driven models are fitted with torque limiting device.

	DZC 3301 H/ 3302 H	DZC 3301 E/ 3302 E
Drive	Hydraulic	Electric (380 V AC =50 HZ)
Maximum cont. pull	3300 kg.	2900 kg.
Maximum pull	3630 kg.	3600 kg.
Haulage speed	12m/min.	13m/min.
Gypsy for chain	18-20-23 mm. DIN 766 17.5-19-20.5-22 mm. Stud-link	18-20-23 mm. DIN 766 17.5-19-20.5-22 mm. Stud-link
Approximate weight	450 kg. (DZC 3301 H)	660 kg. (DZC 3301 E)
	560 kg. (DZC 3302 H)	780 kg. (DZC 3302 E)
Input power	max. 14 kW	max. 11 kW



DZC 440 E / 450 E

DZC 440 E / 450 E windlasses are driven by a 1000 W or 1500 W (12 / 24V DC) electric motor providing a pulling force of 735 kgs. It has a gypsy for chain 810 mm. DIN 766.

- Recommended for boats upto 18 mts. in length,
- Remote controlled hauling up - down buttons,
- Built in; sea water-resistant aluminium body, alloyed sea water-resistant anodised aluminium drum/gypsy and stainless steel shaft,
- Chain can be dropped by means of loosable clutch,
- Emergency manual override.

Drive	Electric (12/24 V DC)	Electric (12/24 V DC)
Maximum cont. Pull	325 kg	490 kg
Maximum pull	490 kg.	735 kg.
Haulage speed (for 100 kg working load)	16m/min.	16 m/in.
Gypsy for chain	8 mm.	10 mm.
Approximate weight	19-20 kg.	19-20 kg.
Current draw	100 A (12V)-60 A (24V)	100 A (12V)-60 A (24V)
Input power	1000W	100 A (12V)-60 A (24V)



DZC 1000 H/ 1000 E

DZC 1000 H and DZC1000 E are vertical anchor windlasses for medium sized sail and power boats. They have gypsies for chains 10-12-13 mm. DIN 76B or 11 mm. Stud-link.

- Recommended for boats upto 22 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built with epoxy coated gear box, alloyed bronze, steel or polished AISI316L gypsy & drum options are available
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake,
- 380 V AC/24 V DC motor drive option is available.

	DZC 1000 H	DZC 1000 E
Drive	Hydraulic	Electric (24V DC / 380 V AC)
Maximum cont. pull	1080 kg.	880 kg.
Maximum pull	1200 kg.	1100 kg.
Haulage speed	14-15 m/min.	14 m/min. (for 250 kg.)
Gypsy for chain	10-12-13 mm. DIN 766	10-12-13 mm. DIN 766
	11 mm. Stud-link	11 mm. Stud-link
Approximate weight	70 kg.	120 kg.
Input power	max. 4.5 kW	2500 W

DZC 1400 H / 1400 E

DZC1400 H and DZC1400 E are vertical anchor windlasses for medium sized sail and power boats. They have gypsies for chains 12 -13 -14 mm. DIN 766 or 12.5 -14 mm. Stud-link.

- Recommended for boats up to 30 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built with epoxy coated gear box, alloyed bronze, steel or poished AISI316L gypsy & drum options are available,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake,
- 380 V AC motor option is available,
- Double speed AC motor option is available,
- AC driven models are fitted with torque limiting device.



	DZC 1400 H	DZC 1400 E
Drive	Hydraulic	Electric (24 V DC - 380 V AC)
Maximum cont. pull	1400 kg.	1250 kg.
Maximum pull	1540 kg.	1560 kg.
Haulage speed	14m/min.	15 -14 min. (tor 300 kg.)
Gypsy for chain	12-13-14 mm. DIN 766	12-13-14 mm. DIN 766
	12.5-14 mm. Stud-link	12.5-14 mm. Stud-link
Approximate weight	130 kg.	240 kg.
Input power	max. 5.5 kW	3500 W/4 kW

DZC 2200 H/ 2200 E

DZC 2200 H and DZC 2200 E are vertical anchor windlasses for medium to large sail and power boats. They have gypsies for chains 14-16-18 mm. DIN 766 Qr 14-16 mm. Stud-link.

- Recommended for boats upto 42 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built with epoxy coated gear box, alloyed bronze, steel or polished AISI316L gypsy & drum options are available,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake,
- 380V AC motor option is available,
- Double speed AC motor option is available,
- AC driven models are fitted with torque limiting device.



	DZC 2200 H	DZC 2200 E
Drive	Hydraulic	Electric (380 V AC = 50 HZ)
Maximum cont. pull	2200 kg.	1850 kg.
Maximum pull	2450 kg.	2350 kg.
Haulage speed	15 m/min.	14 m/min.
Gypsy for chain	14-16-18 mm. DIN 766	14-16-18 mm. DIN 766
	14-16 mm. Stud-link	14-16 mm. Stud-link
Approximate weight	160 kg.	320 kg.
Input power	max. 9 kW	max 7.5 kW

DZC 3300 H / 3300 E

DZC 3300 H and DZC 3300 E are vertical anchor windlasses for large sail and power boats. They have gypsies for chains 18-20-23 mm. DIN 766 or 17.5 - 19 - 20.5 - 22 mm. Stud-link.

- Recommended for boats upto 50 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built with epoxy coated gear box, steel or polished AISI316L gypsy and drum options are available,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live PT.O.) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake,
- 380V AC motor option is available,
- Double speed AC motor or double speed hydraulic motor options are available,
- AC driven models are fitted with torque limiting device.



	DZC 3300 H	DZC 3300 E
Drive	Hydraulic	Electric (380 V AC = 50 HZ)
Maximum cont. pull	3300 kg.	2900 kg.
Maximum pull	3650 kg.	3600 kg.
Haulage speed	12m/min.	15m/min.
Gypsy for chain	18-20-23 mm. DIN 766	18-20-23 mm. DIN 766
	17.5-19-20.5-22 mm. Stud-link	17.5-19-20.5-22 mm. Stud-link
Approximate weight	280 kg.	550 kg.
Input power	max. 13.5 kW	max. 11 kW



DZC 5000 H/ 5000 E

DZC 5000 H and DZC 5000 E are vertical anchor windlasses for large and extremely large sail & power boats. They have gypsies for chains 23-26 mm. DIN 766 or 19-20,5-22-24-26 mm. Stud-link.

- Recommended for boats upto 62 mts. in length,
- Chain can be dropped by means of loosable clutch,
- Built with epoxy coated gear box, steel or polished AISI 316L gypsy and drum options are available,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake,
- 380V AC motor option is available,
- Frequency control option is available,
- Double speed AC motor or double speed hydraulic motor options are available.
- Planetary gear box hydraulic option is available,
- AC driven models are fitted with torque limiting device.

	DZC 5000 H	DZC 5000 E
Drive	Hydraulic	Electric (380 V AC = 50 HZ)
Maximum cont. pull	5000 kg.	4300 kg.
Maximum pull	5500 kg.	5390 kg.
Haulage speed	14m/min.	15 m/min.
Gypsy for chain	23-26 mm. DIN 766	23-26 mm. DIN 766
	19-20.5-22-24-26 mm. Stud-link	19-20.5-22-24-26 mm. Stud-link
Approximate weight	660 kg.	920 kg.
Input power	max. 18kW	15 kW



DZC 7000 H / 7000 E

DZC 7000 H and DZC 7000 E are vertical anchor windlasses for extremely large sail and power boats. They have gypsies for chains 24 - 26 - 28 - 30 mm. Stud-ink.

- Recommended for boats up to 80 mts. in engh,
- Chain can be dropped by means of loosable clutch,
- Built with; epoxy coated body, alloyed bronze gypsy and drum. If requested, steel or polished AISI316L gypsy and drum option is available,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated seperately by the practical band brake,
- 380V AC motor option is available,
- Frequency control option is avaiable,
- Double speed AC motor or double speed hydraulic motor options are available,
- AC driven models are fitted with torque limiting device.

	DZC 7000 H	DZC 7000 E
Drive	Hydraulic	Electric
Maximum cont. pull	7000 kg.	5900 kg.
Maximum pull	7700 kg.	7400 kg.
Haulage speed	14m/min	13 m/min.
Gypsy for chain	24-26-28-30 mm.Stud-link	24-26-28-30 mm. Stud-link
Approximate weight	1500 kg.	1700 kg.
Input power	max. 23 kW	max. 18.5 kW



DZC 11000 H/ 11000 E

DZC11000 H and DZC11000 E are vertical anchor windlasses for extremely large sail and power boats. They have gypsies for chains 30-32-34-36-38 mm. Stud-link.

- Recommended for boats up to 96 mts. in length,
- Chain can be dropped by means of losable clutch,
- Built with epoxy coated gear box, steel or polished AISI316L gypsy and drum options are available,
- Hydraulic power can be provided from a main engine driven (dog/magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Drum can be operated separately by the practical band brake,
- 380V AC motor option is available,
- Double speed AC motor or double speed hydraulic motor options are available,
- Frequency control option is available,
- Planetary gear box hydraulic option is available,
- AC driven models are fitted with torque limiting device.

	DZC 11000 H	DZC 11000 E
Drive	Hydraulic	Electric
Maximum cont. pull	11000 kg.	10700 kg.
Haulage speed	15 m/min.	13 m/min.
Gypsy for chain	30-32-34-36-38 mm. Stud-link	30-32-34-36-38 mm. Stud-link
Approximate weight	1800 kg.	2000 kg.
Input power	24 kW	22 kW

Capstans

We offer capstans with pulling power starting from 1000 kgs. They can be mounted as stern capstans or bow capstans. They are designed with the motors and gears below the deck for an uncluttered on deck appearance. The drum has a grip surface in order to get a better hold of the rope during warping operations. For greater strength, durability and corrosion resistance, the materials of all parts above deck are AISI 316L stainless steel. Also, polished bronze and/or cast steel option is available.

- Parts below deck are epoxy coated,
- Hydraulic power can be provided from a main engine driven (dog / magnetic clutch or live P.T.O.) or an electric motor driven power unit,
- Option of controlling the windlass(es) and the capstan(s) from the same hydraulic power unit,
- 380V AC motor option is available,
- Double speed AC motor option is available,
- 24 V DC motor drive option is available for 1000 & 1600 models.

	DZC 1000 E	DZC 1600 E	DZC 2200 E	DZC 3000 E	DZC 4500 E	DZC 2200 E
Drive	Electric (24/380 V)	Electric (24/380 V)	Electric (380 V AC)	Electric (380 V AC)	Electric (380 V AC)	Electric (380 V AC)
Maximum pull	1100 kg.	1600 kg.	2150 kg.	3000 kg.	4500 kg.	7400 kg.
Haulage speed	12m/min.	12 m/min.	12 m/min.	12 m/min.	12 m/min.	12 m/min.
Input power	2500 W/3 kW	3500W/4kW	5.5 kW	7.5 kW	11 kW	18.5 kW

	DZC 1000 H	DZC 1600 H	DZC 2200 H	DZC 3000 H	DZC 4500 H	DZC 2200 H
Drive	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Maximum pull	1100 kg.	1600 kg.	2200kg.	3350 kg.	5000 kg.	7250 kg.
Haulage speed	13 m/min.	15 m/min.	15 m/min.	14 m/min.	13 m/min.	12 m/min.
Input power	max. 4 kW	max. 7 kW	max. 10kW	max. 14 kW	max. 14 kW	max. 21 kW

Suitable Boat Length

Hydraulic

	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	
DHC 1000 H																				
DHC 1600 H																				
DHC 2200 H																				
DHC 3000 H																				
DHC 4500 H																				
DHC 7000 H																				

Electric

	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90	
DHC 1000 E																				
DHC 1600 E																				
DHC 2200 E																				
DHC 3000 E																				
DHC 4500 E																				
DHC 7000 E																				