

CE REV 005A

# Quick®

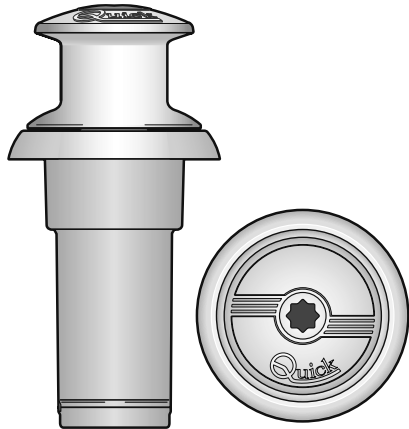
**High Quality Nautical Equipment**

## TOTEM

**TM 600**

**TM 1000**

**TM 1100**



- IT** Manuale d'uso
- GB** User's Manual
- FR** Manuel de l'utilisateur
- DE** Benutzerhandbuch
- ES** Manual del usuario

**VERRICELLI DA TONNEGGIO**  
**WARPING CAPSTANS**  
**CABESTANS**  
**VERHOLWINDEN FÜR LEINE**  
**WINCH DE TOAJE**



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MODEL	TOTEM 600	TOTEM 1000	TOTEM 1100
<b>MOTOR OUTPUT</b>	<b>500W</b>	<b>800W</b>	
Motor supply voltage	12V		24V
Maximum pull	620 Kg (1367 lb)	820 Kg (1808 lb)	
Maximum working load	200 Kg (441 lb)	290 Kg (640 lb)	
Working load	65 Kg (144 lb)	95 kg (210 lb)	
Current absorption @ working load <sup>(1)</sup>	40A	80A	40A
Maximum speed <sup>(2)</sup>	22.5 m/min (73.8 ft/min)	25.8 m/min (85 ft/min)	
Maximum speed @ working load <sup>(2)</sup>	16.3 m/min (53.5 ft/min)	16.8 m/min (55 ft/min)	
Ø Drum	80 mm (3" 5/32)		
Motor cable size <sup>(3)</sup>	16 mm <sup>2</sup> (AWG5)	25 mm <sup>2</sup> (AWG3)	10 mm <sup>2</sup> (AWG7)
Protection circuit breaker <sup>(4)</sup>	50A	80A	40A
Deck thickness <sup>(5)</sup>	20 ÷ 30 mm (25/32" ÷ 1" 3/16)		
Weight	8.1 Kg (17.9 lb)		

<sup>(1)</sup> After an initial period of use.

<sup>(2)</sup> Measurements taken by considering the diameter of the drum.

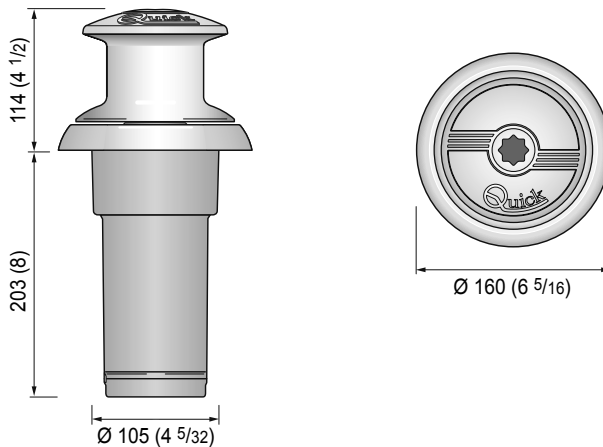
<sup>(3)</sup> Minimum allowable value for a total length L<20m (see pag. 34).  
Determine the cable size according to the length of the wiring.

<sup>(4)</sup> With circuit breaker designed for direct currents (DC) and delayed-action (thermal-magnetic or hydraulic-magnetic).

<sup>(5)</sup> On request, studs can be supplied for greater deck thicknesses.

#### DIMENSIONS OF MODELS mm ( inch )

##### TOTEM 600 / 1000 / 1100



Quick® reserves the right to introduce changes to the equipment and the contents of this manual without prior notice.

In case of discordance or errors in translation between the translated version and the original text in the Italian language, reference will be made to the Italian or English text.



## BEFORE USING THE CAPSTAN READ THESE INSTRUCTIONS CAREFULLY. IF IN DOUBT, CONTACT YOUR NEAREST "QUICK®" DEALER.



**WARNING:** the Quick® capstans are designed to weigh engineered for capstan operation.

⚠ Do not use the equipment for other purposes.

⚠ Quick® shall not be held responsible for damage to equipment and/or personal injury, caused by a faulty use of the equipment.

⚠ The capstan is not designed for the loads that might occur in extreme weather conditions (storms).

⚠ Always deactivate the capstan when not in use.

⚠ For improved safety we recommend installing at least two anchor capstan controls in case one is accidentally damaged.

⚠ We recommend the use of the Quick® hydraulic-magnetic switch as the motor safety switch.

⚠ The contactor unit or reversing contactor unit must be installed in a point protected from accidental water contact.

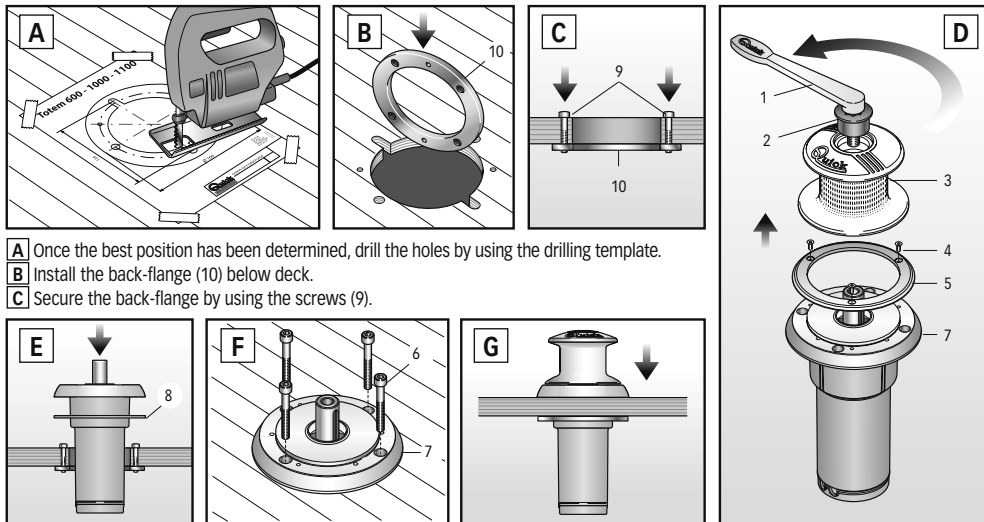
**THE PACKAGE CONTAINS:** capstan - reversing contactor unit - base gasket - handle - bolts and screws (for assembly) - drill template - user's manual - conditions of warrant.

**TOOLS REQUIRED FOR INSTALLATION:** drill and drill bits: Ø 5 mm (13/64"), Ø 9 mm (23/64") and Ø 10 mm (13/32") - Ø 108 mm (4 1/4") hollow mill; hexagonal wrenches: 10 mm and 13 mm.

**"QUICK®" ACCESSORIES RECOMMENDED:** anchoring RL control board (mod. 800) - Waterproof hand helds R/C (mod. HRC1002) - Foot switch (mod. 900) - Hydraulic-magnetic circuit breaker - Radio control RRC (mod. R02, P02, H02).

### ASSEMBLY PROCEDURE

The following parts are to be checked before the holes are drilled. There must be no obstacles below deck to perform the installation in the lower part. The thickness of deck must be such as to allow the capstan to be securely placed in position.



**D** Remove the coupler (3) by releasing the bush (2) with the lever (1). Remove the capstan base ring (5) by loosening the screws (4) that secure it to the base (7).

**E** Lower the capstan from the top of the deck by fitting the gasket (8) between the deck and the capstan base.

**F** Secure the capstan base to the back-flange by using the screws (6). Apply a medium-strength adhesive to the screw threads.

**G** Put the capstan base ring (5) in place and secure it with the screws (4). Install the coupler (3) and tighten the bush (2).

Connect the power cables coming from the reversing contactor unit to the electric motor.



**WARNING:** before wiring up, be sure the electrical cables are not live.



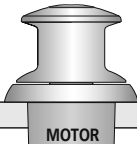
## BASIC SYSTEM

SEE PAGE 34  
SHOWING THE MAIN  
CONNECTION DIAGRAM

MULTI-PURPOSE  
WATERTIGHT HAND HELD  
REMOTE CONTROL  
MOD. HRC 1002

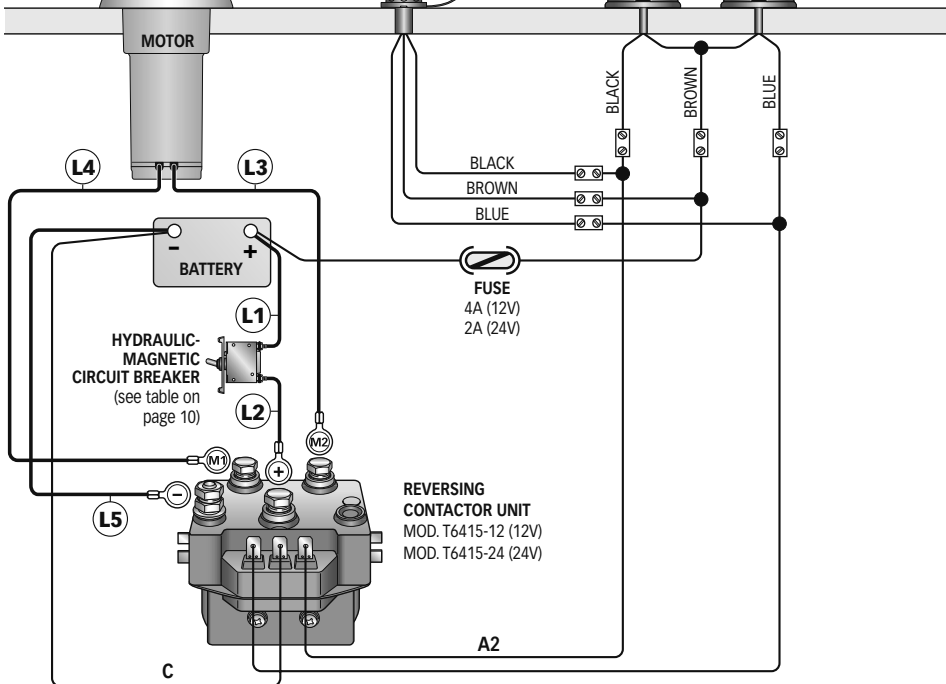


CAPSTAN



MOTOR

FOOT SWITCHES MOD. 900U AND 900D



## QUICK® ACCESSORIES FOR CAPSTAN OPERATION

WINDLASSES  
CONTROL BOARD



### REMOTE RADIO CONTROLS

TRANSMITTERS

RECEIVER



POCKET

HANDHELD

L = (L1) + (L2) + (L3) + (L4) + (L5)

**WARNING**

**WARNING:** stay clear of the chains, ropes and gypsy. Make sure the electric motor is off when capstan is used manually (even when using the handle for disengaging the clutch). In fact people with a remote controls (remote control or control system via radio) might accidentally operate the capstan.



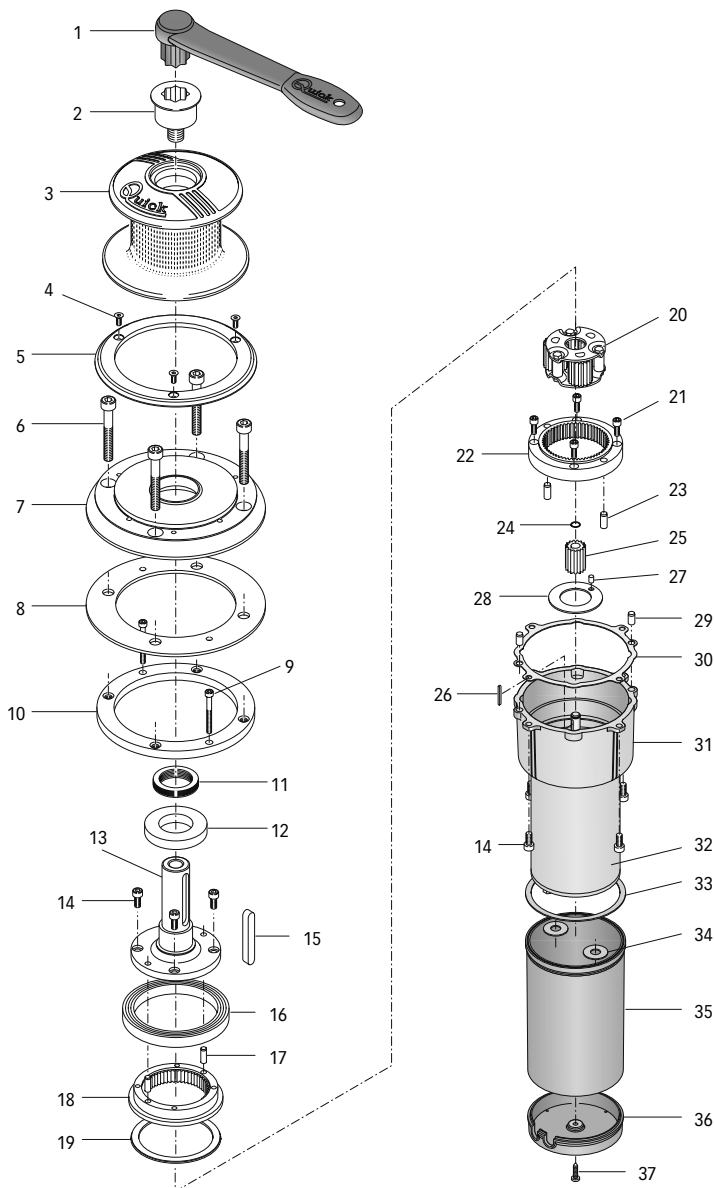
**WARNING:** do not operate the capstan by using the electrical power when the handle is inserted in the drum or into the gypsy cover.



**WARNING:** Quick® recommend using a circuit breaker designed for direct current (DC) with delayed-action (thermal-magnetic or hydraulic-magnetic) to protect the motor supply line from overheating or short circuits. The circuit breaker can be used to cut off power to the capstan control circuit and so avoid accidental activation.

**CAPSTAN USE**

Start the boat engine; use the control at hand to turn on the capstan. If the capstan stops and the magnetic-hydraulic (or magnetic thermal) cut-out has tripped, re-arm the cut-out and wait a few minutes before restarting.





POS.	DESCRIPTION	CODE
1	Straight windlass lever - nylon	PVLVSDN00000
2	Bush	MDSFRAT00000
3	Capstan drum "TM"	ZSGMSE10TM00
4	Screw	MBV0410MXTSC
5	Capstan base ring "TM" series	SGMBABW08TMO
6	Screw	MBV0840MXCE0
7	Capstan base "TM" series	SGMSC08TM000
8	Gasket	PGBWTM080000
9	Screw	MBV0440MXCT0
10	Back flange "TM" series	MBASW08TM000
11	Oil seal	PGPRL3040700
12	Bearing	MBJ160060000
13	Shaft "TM" 5/800W series R01	MSAW08085R01
14	Screw	MBV0512MXCE0
15	Key	MBH0807055X0
16	Bearing	MBJ618150000
17	Plug	MBSC05016A00
18	Movable gear	MSLCRM541000
19	Ring	MBA8066225B0
20	Planet gear	ZSNGGS000000
21	Screw	MBV0412MBCE0
22	Fixed gear	MSLCRF571000
23	Plug	MBSC06016A00
24	Bearing	MBAE0808Y000
25	Sun gear	MSLRTS151000
26	Key	MBH020220F00
27	Plug	MBSC04007A00
28	Fifth wheel	MBRRL2848010
29	Plug	MBSC06012A00
30	Casing seal	MMCRMTO8C000
31	Gearbox casing	SGMSGCR08C00
32	Electric motor 500W 12V	EMF0512C0000
32	Electric motor 800W 12V	EMF0812C0000
32	Electric motor 800W 24V	EMF0824C0000
33	Flange gasket	PGGPMPFN04000
34	Poles gasket	PGGPMPM04000
35	Motor protection case	PCCCPM040000
36	Motor protection cover	PCCPPMFN0400
37	Screw	MBV03916AXCC



**WARNING:** make sure the electrical power to the motor is switched off when working manually on the capstan. Carefully remove the rope from the drum.

Quick® capstans are manufactured with materials resistant to marine environments. In any case, any salt deposits on the outside must be removed periodically to avoid corrosion and damage to the equipment. The parts where salt may have built up should be washed thoroughly with fresh water.

Once a year, the drum is to be taken apart as follows:

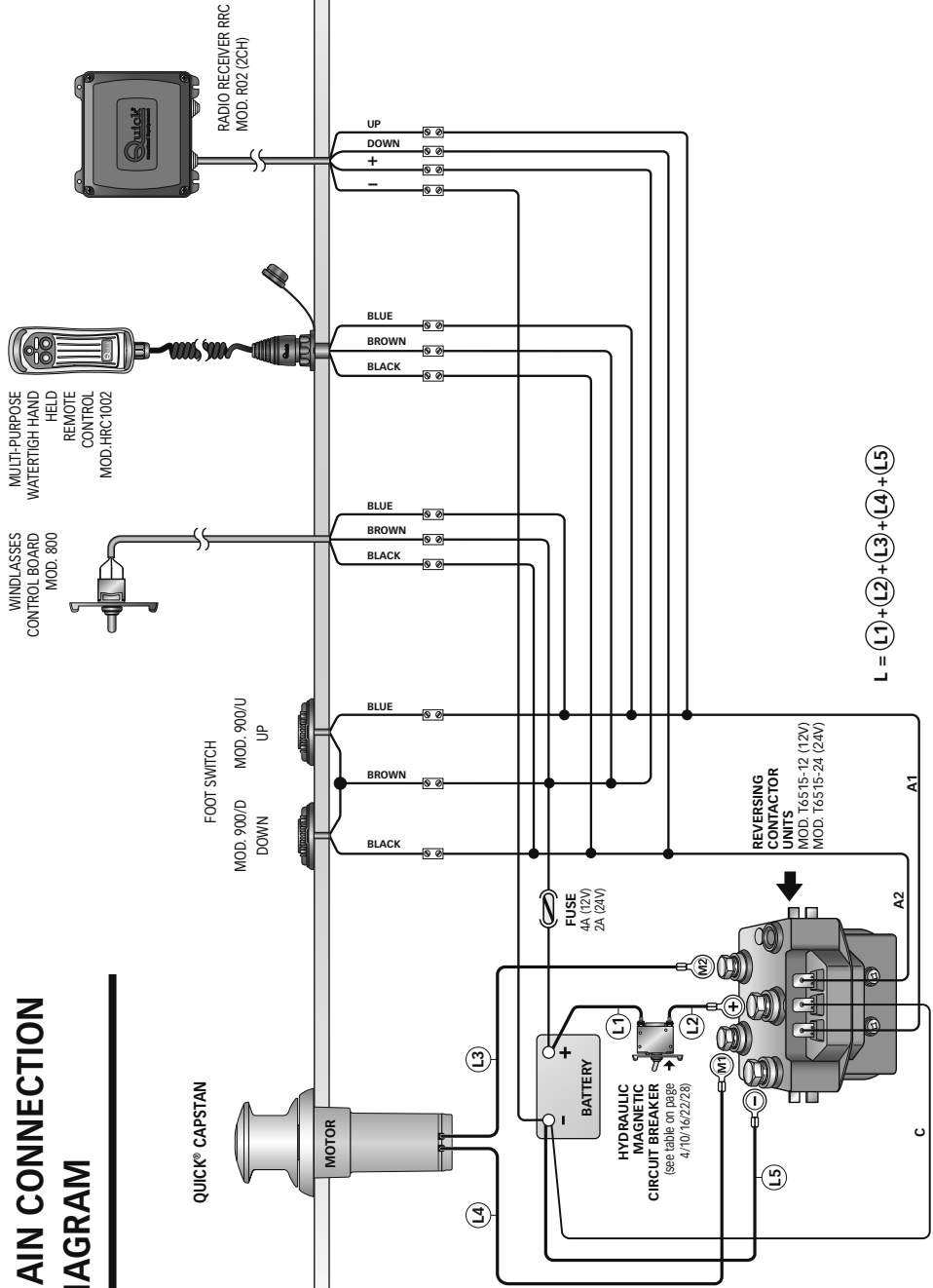
Use the handle (1) to loosen the bush (2); pull off the drum (3).

Clean all the parts removed to avoid corrosion, and grease the bush thread (2) (use grease suitable for marine environment).

Remove any oxide deposits from the terminals of the electric motor and the reversing contactor unit; grease them.



# MAIN CONNECTION DIAGRAM



# NOTE

NOTES - NOTES - NOTIZEN - NOTAS



A large rectangular area with a thick black border on the top, left, and right sides. The interior of this area is filled with horizontal lines, spaced evenly, providing a template for writing notes.

# TOTEM

R005A

**IT** Codice e numero seriale del prodotto

**GB** Product code and serial number

**FR** Code et numéro de série du produit

**DE** Code- und Seriennummer des Produkts

**ES** Código y número de serie del producto

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