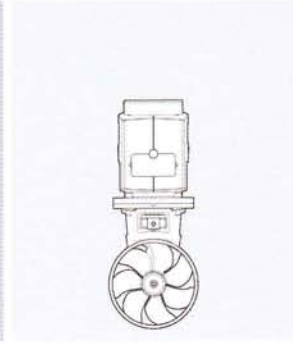
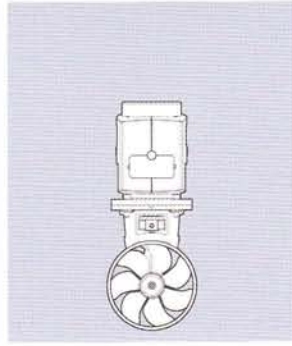
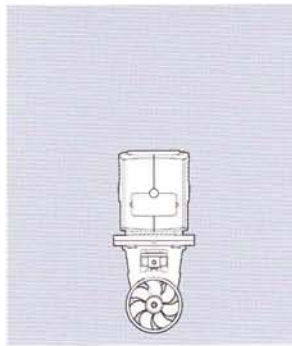




Craftsman[®]
— MARINE —

THRUSTER RANGE
2010

Specifications: thrusters



THRUSTER3512

THRUSTER5512

THRUSTER8012

THRUSTER8024

Article code	BA.110.20012	BA.150.20012	BA.185.20012	BA.185.20024
Thrust force [kgf]	35	55	80	80
Tunnel diameter [mm]	110	150	185	185
Power of electric motor [kW]	2.4	3.5	4	4
Motor type	12V DC	12V DC	12V DC	24V DC
Motor temperature switch	yes	yes	yes	yes

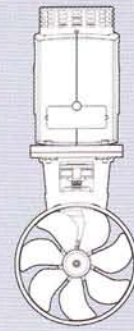
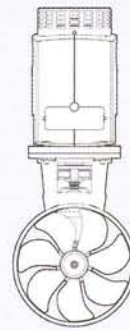
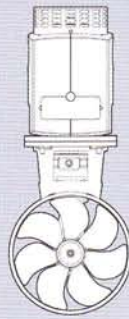
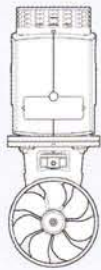
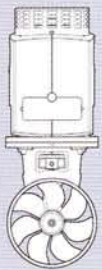
Specifications: thruster panels



ALFA10BS

ALFA10B

Article code	BC.010.20003	BC.010.20001
Protection for motor direction	Built-in time delay of 1 sec. when reversing motor direction. This function can be disabled.	Built-in time delay of 1 sec. when reversing motor direction. This function can be disabled.
Temperature protection	All electric motors are equipped with a temperature switch. The motor will be switched off when the temperature is too high.	All electric motors are equipped with a temperature switch. The motor will be switched off when the temperature is too high.
Panel power shut down	This function is user selectable. The panel can be switched off automatically after 30 min., 60 min. or 120 min. Factory setting: panel will not switch off automatically.	This function is user selectable. The panel can be switched off automatically after 30 min., 60 min. or 120 min. Factory setting: panel will not switch off automatically.
Panel power ON	Built-in protection to prevent the panel being switched on, accidentally.	Built-in protection to prevent the panel being switched on, accidentally.
Protection against continuous use	This function is user selectable. After 2 min. continuous use the motor will switch off automatically. When this function is disabled, there will be an alarm (visible and audible) when the motor is used for 2 min., but the motor will not switch off.	This function is user selectable. After 2 min. continuous use the motor will switch off automatically. When this function is disabled, there will be an alarm (visible and audible) when the motor is used for 2 min., but the motor will not switch off.
Protection class	IP65 (front side of panel)	IP65 (front side of panel)
Dimensions	81 x 85 mm	81 x 85 mm



THRUSTER9512

THRUSTER11524

THRUSTER12512

THRUSTER15024

THRUSTER17024

BA.185.25012

BA.185.25024

BA.250.20012

BA.250.20024

BA.250.25024

95

115

125

150

170

185

185

250

250

250

6.5

6.5

6.5

6.5

11.3

12V DC

24V DC

12V DC

24V DC

24V DC

yes

yes

yes

yes

yes



ALFA20B

BC.010.20002

Built-in time delay of 1 sec. when reversing motor direction. This function can be disabled.

All electric motors are equipped with a temperature switch. The motor will be switched off when the temperature is too high.

This function is user selectable. The panel can be switched off automatically after 30 min., 60 min. or 120 min. Factory setting: panel will not switch off automatically.

Built-in protection to prevent the panel being switched on, accidentally.

This function is user selectable. After 2 min. continuous use the motor will switch off automatically. When this function is disabled, there will be an alarm (visible and audible) when the motor is used for 2 min., but the motor will not switch off.

IP65 (front side of panel)

81 x 136 mm

**Specifications:
thruster panel
connection cables**

Article code	BF.010.20007	BF.010.20010	BF.010.20015	BF.010.20020
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Extension cables	7m	10m	15m	20m
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Splitter cable	A splitter cable is required to connect two or more panels to one thruster motor.			
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