



Bow Thruster

Electrical bow thrusters

The bow thruster has become an important device when moving at low speed. It makes manoeuvring easier, safer and faster. The bow thruster is positioned inside a tunnel, located in the bow. The propeller, which is made of maintenance-free synthetic material, can run in two directions, thus producing a jet flow to port or starboard. This makes manoeuvring in tight spots or against a strong current or a shifty wind, much, much easier. The required thrust force of a bow thruster is mainly determined by the shape and the dimensions of the boat's superstructure.

“Electric Marine Propulsion Units”

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ARTICLE CODE	POWER	VOLTAGE	THRUST FORCE	TUNNEL DIAMETER	INFO
BA.110.20012	2,4W	12VDC	45Kgf	110mm	Sheet 2
BA.150.20012	3,5W	12VDC	65Kgf	150mm	Sheet 3
BA.185.20012	4,0W	12VDC	80Kgf	185mm	Sheet 4
BA.185.20012	4,0W	24VDC	80Kgf	185mm	Sheet 5
BA.185.20012	6,5KW	12VDC	105Kgf	185mm	Sheet 6
BA.185.20012	6,5KW	24VDC	115Kgf	185mm	Sheet 7
BA.250.20012	6,5KV	12VDC	125Kgf	250mm	Sheet 8
BA.250.20012	6,5KW	24VDC	150Kgf	250mm	Sheet 9
BA.250.20012	11,3KW	24VDC	170Kgf	250mm	Sheet 10

Aquamot “Green Propulsion”

WTSV Technologies is the proud distributor of “AQUAMOT” Products in México and Speedy Marine Supply LLC representative.

The brand “Aquamot” offers the best propulsion solutions in the market.

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Bow Thruster

Electrical bow thruster / 45kgf-12VDC-2,4kW-110

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.

“Electric Marine Propulsion Units”

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Article code	BA.110.20012
Thrust force	45Kgf
Tunnel diameter	110mm
Power electric motor	2,4kw
Voltage	12VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	300A
Current consumption	395A
oMin. battery capacity	120Ah
Connection batt. cable	M8
Weight	12 Kg

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Bow Thruster

Electrical bow thrusters / 80kgf-12VDC-4,0kW-185mm

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.

“Electric Marine Propulsion Units”



Article code	BA.185.20012
Thrust force	65Kgf
Tunnel diameter	150mm
Power electric motor	4,0kw
Voltage	12VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	355A
Current consumption	505A
oMin. battery capacity	165Ah
Connection batt. cable	M10
Weight	19 Kg

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Bow Thruster

Electrical bow thruster / 65kgf-12VDC-3,5kW-150mm

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.

“Electric Marine Propulsion Units”

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Article code	BA.150.20012
Thrust force	65Kgf
Tunnel diameter	150mm
Power electric motor	3,5kw
Voltage	12VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	355A
Current consumption	500A
oMin. battery capacity	165Ah
Connection batt. cable	M10
Weight	18 Kg

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Bow Thruster

Electrical bow thrusters / 105kgf-12VDC-6,5kW-185mm

“Electric Marine Propulsion Units”

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.



Article code	BA.185.25012
Thrust force	105Kgf
Tunnel diameter	185mm
Power electric motor	6,5kw
Voltage	12VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	500A
Current consumption	700A
oMin. battery capacity	2*200Ah
Connection batt. cable	M10
Weight	25 Kg

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Bow Thruster

Electrical bow thrusters / 80kgf-24VDC-4,0kW-185mm

“Electric Marine Propulsion Units”

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

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Article code	BA.185.20024
Thrust force	80Kgf
Tunnel diameter	185mm
Power electric motor	4,0kw
Voltage	24VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	200A
Current consumption	270A
oMin. battery capacity	2*108Ah
Connection batt. cable	M10
Weight	17 Kg

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Bow Thruster

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A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.



Article code	BA.185.25012
Thrust force	105Kgf
Tunnel diameter	185mm
Power electric motor	6,5kw
Voltage	12VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	500A
Current consumption	700A
oMin. battery capacity	2*200Ah
Connection batt. cable	M10
Weight	25 Kg

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Bow Thruster

Electrical bow thrusters / 125kgf-12VDC-6,5kW-250mm

“Electric Marine Propulsion Units”

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A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.



Article code	BA.250.20012
Thrust force	125Kgf
Tunnel diameter	250mm
Power electric motor	6,5kw
Voltage	12VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	500A
Current consumption	840A
oMin. battery capacity	2*225Ah
Connection batt. cable	M10
Weight	33Kg

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Bow Thruster

Electrical bow thrusters / 150kgf-24VDC-6,5kW-250mm

“Electric Marine Propulsion Units”

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.



Article code	BA.250.20024
Thrust force	150Kgf
Tunnel diameter	250mm
Power electric motor	6,5kw
Voltage	24VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	300A
Current consumption	430A
oMin. battery capacity	2*120Ah
Connection batt. cable	M10
Weight	33Kg

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Bow Thruster

Electrical bow thrusters / 170kgf-24VDC-11,3kW-250mm

“Electric Marine Propulsion Units”

This bow thruster is especially developed on behalf of smaller craft. The tunnel diameter is extremely small, no more than 110mm. This allows for an installation far up in the bow, thus ensuring maximum effectiveness of its thrust force.

A control panel, either equipped with a joystick or with push buttons, is available separately. Their shape and the splendid finish make these panels a perfect match with our engine instrument panels, allowing for a highly sophisticated combination.



Article code	BA.250.25024
Thrust force	170Kgf
Tunnel diameter	250mm
Power electric motor	11,3kw
Voltage	24VDC
Motor temperature switch	Yes
Operating time	2min/hr
Slow blow fuse	355A
Current consumption	560A
oMin. battery capacity	2*120Ah
Connection batt. cable	M10
Weight	38Kg

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