

## TECHNICAL TEST CHART

### Alfastreet Marine 28 Cabin Electric

#### TESTED BOAT



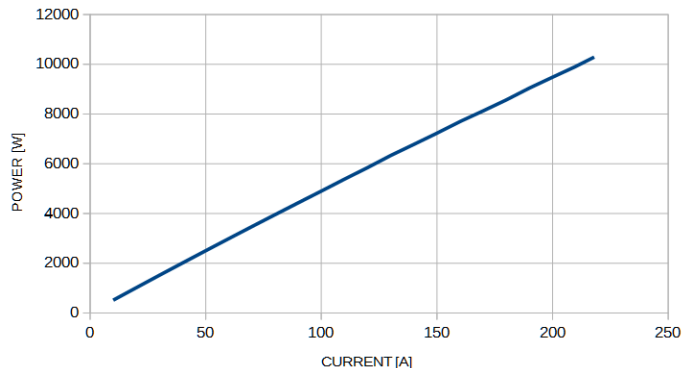
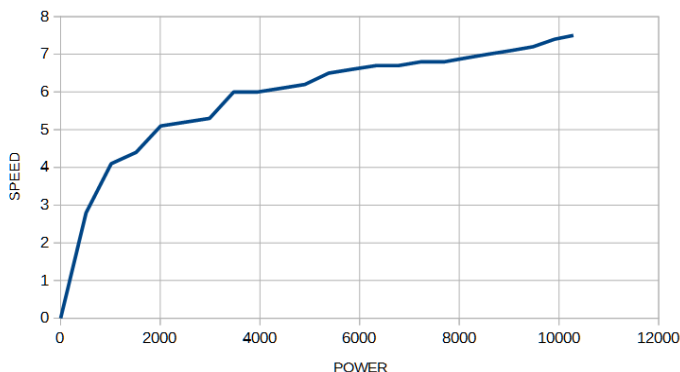
#### TECHNICAL DATA

Lenght	8,61 m / 28'3"
Lenght Over All	9,84 m / 32'2"
Beam	2,97 m / 9'6"
Empty Weight	4300 kg / 9480 lbs
Draft	0,75 m / 2'7"
Max Persons	12 adults
Design category	C
Max engine	50kW

#### TEST CONDITIONS

Date	7 <sup>th</sup> September 2020
Location	Izola, Slovenia
Weather	Partly cloudy, 26°C, sea cond. 2
Installed motor	2x Piktronik 10kW (twin drive)
Hull	Displacement
Persons	4
Batteries	2 x 25kWh fully charged
Antifouling	Not applied, hull clean

#### GRAPHS



#### MEASURED DATA

CURRENT [A]	VOLTAGE [V]	RPM	SPEED [KT]	POWER [W]
10	51,1	355	2,8	511
20	50,8	460	4,1	1016
30	50,5	535	4,4	1515
40	50,2	600	5,1	2008
50	50	645	5,2	2500
60	49,8	680	5,3	2988
70	49,6	700	6	3472
80	49,4	730	6	3952
90	49,2	760	6,1	4428
100	49	780	6,2	4900
110	48,9	810	6,5	5379
120	48,7	830	6,6	5844
130	48,7	840	6,6	6331
140	48,4	870	6,7	6776
150	48,2	895	6,7	7230
160	48,1	890	6,8	7696
170	47,8	920	6,9	8126
180	47,6	920	7	8568
190	47,6	925	7,1	9044
200	47,4	950	7,2	9480
210	47,2	960	7,4	9912
218	47,2	970	7,5	10289,6

#### CONCLUSIONS

The boat turned out very stable and easy to maneuver. Equipped with two 10kW motors gives excellent performance regarding speed, acceleration, autonomy and dynamics of guide. On test drive, and regarding to measured data, with cruising speed around 6 knots consumption of two motors was very low and gave very long autonomy.

#### NOTICE

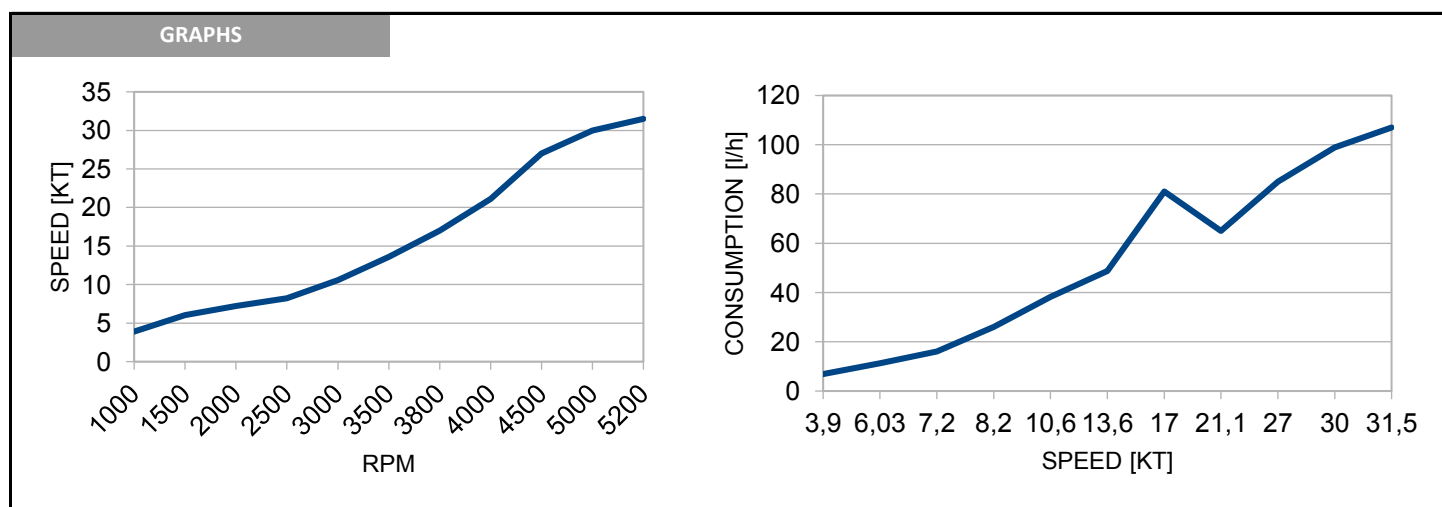
Factor such as dirt on the hull, quality of the anti-fouling, model of installed engine, damaged propellers, weather conditions (sea and wind), loading conditions (water, extra equipment), quality of batteries and number of people, can all affect adversely the boat performance. For these and other reasons, the information referred to performance can not imply the guarantee and responsibility of Počkaj d.o.o..

## TECHNICAL TEST CHART

### Alfastreet Marine 28 Cabin Sport

TECHNICAL DATA	
Lenght	8,61 m / 28'3"
Lenght Over All	9,84 m / 32'2"
Beam	2,97 m / 9'6"
Empty Weight	4300 kg / 9480 lbs
Draft	0,75 m / 2'7"
Max Persons	12 adults
Design category	C
Max engine power	450kW / 600hp
Fuel tank	400l
Water tank	112l

TEST CONDITION	
Date	16 <sup>th</sup> September 2020
Location	Izola, Slovenia
Weather	Sunny, 16°C, sea cond. 1
Installed motor	Mercury 6.2L 350hp, Bravo3
Propeller	Bravo Three 14.4x20"
Hull	Planing
Persons	3
Antifouling	Applied
Fuel	150l
Water	Empty



MEASURED DATA						
TRIM	RPM	SPEED	CONSUMPTION L/h	CONSUMPTION l/nm	AUTHONOMY [h]	AUTHONOMY [nm]
0	500	2	4	2,0	100	200,0
0	1000	3,9	6,9	1,8	58,0	226,1
0	1500	6,03	11,2	1,9	35,7	215,4
0	2000	7,2	16,1	2,2	24,8	178,9
0	2500	8,2	26	3,2	15,4	126,2
0	3000	10,6	38,2	3,6	10,5	111,0
0	3500	13,6	48,8	3,6	8,2	111,5
0	3800	17	81	4,8	4,9	84,0
0	4000	21,1	65	3,1	6,2	129,8
0	4500	27	85	3,1	4,7	127,1
0	5000	30	99	3,3	4,0	121,2
0	5200	31,5	107	3,4	3,7	117,8

Cruise speed	21-23	Knots
Gliding	4000	RPM

Consumption on cruise speed	65-70 [l/h]
Authonomy on cruise speed	128 [nm]
Max speed	33 [KT]

TRIM	RPM	SPEED
0	5200	31,5
3	5200	32.1
5	5200	33

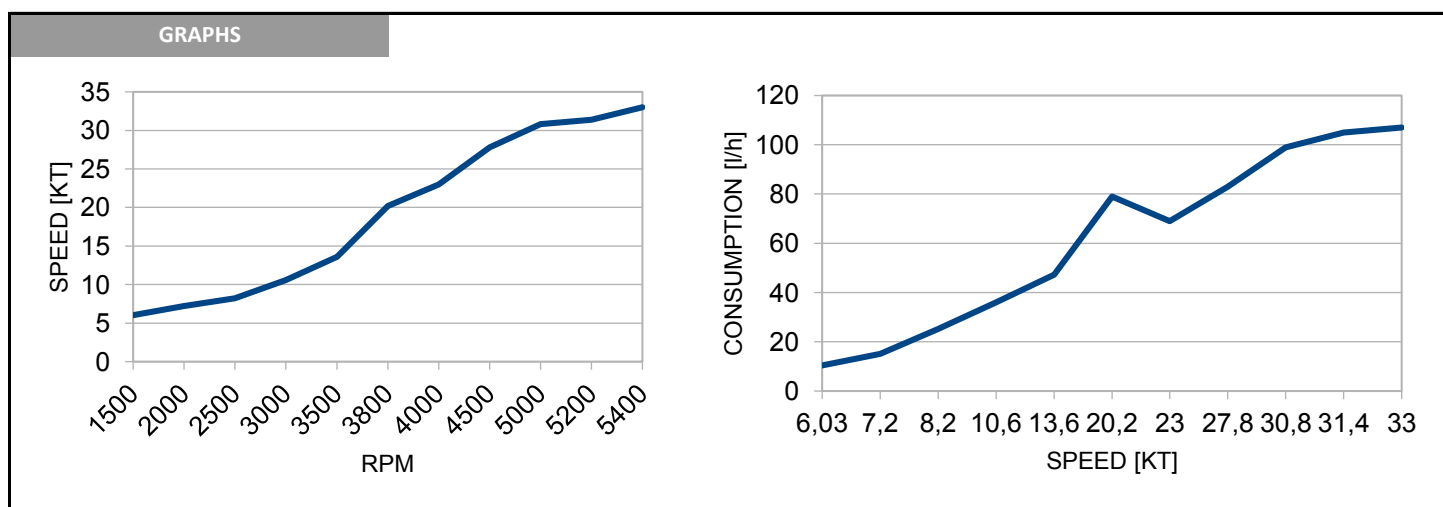
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## TECHNICAL TEST CHART

### Alfastreet Marine 28 Cabin Sport - without hydraulic hard top

TECHNICAL DATA	
Lenght	8,61 m / 28'3"
Lenght Over All	9,84 m / 32'2"
Beam	2,97 m / 9'6"
Empty Weight	4100 kg / 9038 lbs
Draft	0,75 m / 2'7"
Max Persons	12 adults
Design cathegory	C
Max engine power	450kW / 600hp
Fuel tank	400l
Water tank	112l

TEST CONDITION	
Date	16 <sup>th</sup> September 2020
Location	Izola, Slovenia
Weather	Sunny, 16°C, sea cond. 1
Installed motor	Mercury 6.2L 350hp, Bravo3
Propeller	Bravo Three 14.4x20"
Hull	Planing
Persons	2
Antifouling	Applied
Fuel	150l
Water	Empty



MEASURED DATA						
TRIM	RPM	SPEED	CONSUMPTION L/h	CONSUMPTION l/nm	AUTHONOMY [h]	AUTHONOMY [nm]
0	1000	3,9	6,9	1,8	58,0	FALSE
0	1500	6,03	10,4	1,7	38,5	231,9
0	2000	7,2	15,1	2,1	26,5	190,7
0	2500	8,2	25,2	3,1	15,9	130,2
0	3000	10,6	36	3,4	11,1	117,8
0	3500	13,6	47,3	3,5	8,5	115,0
0	3800	20,2	79	3,9	5,1	102,3
0	4000	23	69	3,0	5,8	133,3
0	4500	27,8	83	3,0	4,8	134,0
0	5000	30,8	99	3,2	4,0	124,4
0	5200	31,4	105	3,3	3,8	119,6
0	5400	33	107	3,2	3,7	123,4

Cruise speed	21-23	Knots
Gliding	4000	RPM

Consumption on cruise speed	65-70 [l/h]
Authonomy on cruise speed	128 [nm]
TOP speed	35 [KT]

TRIM	RPM	SPEED
0	5400	33
3	5400	34,2
5	5400	35

Factor such as dirt on the hull, quality of the anti-fouling, model of installed engine, damaged propellers, weather conditions (sea and wind), loading conditions (water, extra equipment), quality of batteries and number of people, can all affect adversely the boat performance. For these and other reasons, the information referred to performance can not imply the guarantee and responsibility of Počkaj d.o.o..