

TECHNICAL DATA

DESIGN

Model: A46 LUXURY TENDER
Hull: ALDO CRANCHI
Project: R&D Dept. CRANCHI
Design category: CAT. B

MAIN DIMENSIONS

Length Overall: 14.25 m 46 ft 9 in
Hull Length: 12.01 m 39 ft 4 in
Waterline Length: 11.10 m 36 ft 5 in
Beam Hull: 4.29 m 14 ft 1 in

WEIGHT & CAPACITY

Dry Displacement: 13,484 kg 29,727 lb
People: 14
N° of Berths: 2+2+2
Fuel Tank: 1,500 l 330 UK gal 396 US gal
Water Tank: 300 l 66 UK gal 79 US gal

TEST CONDITION

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DATE: 07/2023
SITE: Marine Test Centre S.Giorgio di Nogaro (UD)

DRIVETRAIN

Engine: Volvo Penta 2x D6 IPS 650
Power: 2 x 480 hp (2 x 353 kW)
Reduction Ratio: 1.853 : 1
Propeller: T4

LOADING CONDITION

People Onboard: 3
Fuel Tank: 1,500 l 330 UK gal 396 US gal
Water Tank: 300 l 66 UK gal 79 US gal

SPEED

[knots]



TRIM

[deg]



ENGINE RPM	SPEED	CONSUMPTION*		RANGE		NOISE		ATTITUDE
						HELM	CABIN	TRIM
[RPM]	[knots]	[l/nmi]	[l/h]	[nmi]	[hours]	[db]	[db]	[Deg]
1,000	6.0	1.7	10	900	150			
1,500	8.0	3.1	25	480	60			0.8
2,000	9.0	6.6	59	229	25			3.3
2,500	15.5	5.8	90	258	17			3.2
2,800	21.0	4.8	100	315	15			2.4
3,000	24.5	4.4	108	340	14			2.3
3,200	26.0	4.7	122	320	12			1.8
3,500	31.0	4.9	153	304	10			1.0
3,700	32.5	5.5	180	271	8			0.8
3,750	35.0	5.5	192	273	8			0.5

Estimated values for ref. only	RPM	SPEED	CONSUMPTION *	RANGE
CRUISING SPEED		25/26 knots	108 l/h	340 nmi
TOP SPEED		34/35 knots		

* Total consumption

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Such data were recorded at CRANCHI®'s test center in the Adriatic Sea and refer to a new vessel, without antifouling paint, with a light load and under optimal environmental conditions. Actual vessel performance may vary significantly depending on a number of factors, including, by way of example and without limitation: hull cleanliness; the quality of antifouling paint and fuel; correct trim tab adjustment; the presence of damage to the propellers; engine malfunctions or inefficiencies; water, air, and fuel temperature; weather and sea conditions; loading conditions (including fuel, water, additional equipment and accessories); as well as the number of persons on board.

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