

TECHNICAL DATA

DESIGN

Model M44 HT
Hull ALDO CRANCHI
Project R&D Dept. CRANCHI
Design category CAT. B

MAIN DIMENSIONS

Length Overall: 13.82 m 45 ft 4 in
Hull Length: 12.01 m 39 ft 5 in
Waterline Length: 9.90 m 32 ft 6 in
Beam Hull: 4.00 m 13 ft 1 in

WEIGHT & CAPACITY

Dry Displacement: 10,900 kg 24,000 lb
People: 12
N° of Berths: 5 + 1
Fuel Tank: 940 l 206 UK gal 248 US gal
Water Tank: 300 l 66 UK gal 79 US gal

TEST CONDITION

F

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

DRIVETRAIN

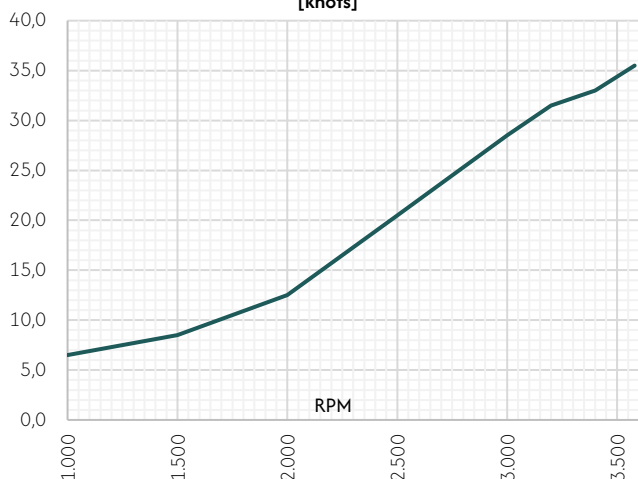
Engine: Volvo Penta 2x D6 - EVC/EC DP-H
Power: 2 x 400 hp (2 x 294 kW)
Reduction Ratio: 1.59:1
Propeller: G4

LOADING CONDITION

People Onboard: 3
Fuel Tank: 250 l 55 UK gal 66 US gal
Water Tank: 150 l 33 UK gal 40 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	6.5	0.9	6	1,018	157	70	62	0.6
1,500	8.5	2.6	22	363	43			2.8
2,000	12.5	3.7	46	255	20			5.3
2,500	20.5	3.1	64	301	15			5.3
3,000	28.5	3.2	92	291	10	79	76	3.9
3,200	31.5	3.4	106	279	9			3.3
3,400	33.0	3.9	130	239	7			3.1
3,580	35.5	4.5	158	211	6	83	80	2.6

Estimated values for ref. only	RPM	SPEED	CONSUMPTION *	RANGE
CRUISING SPEED		27/29 knots	92 l/h	280 nmi
TOP SPEED		34/35,5 knots		
* Total consumption				

Without prejudice to CRANCHI®'s commitment to providing accurate and up-to-date information, the performance data of the vessel, disclosed in good faith, are purely indicative and shall not in any way be deemed binding representations.

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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