

TECHNICAL DATA

DESIGN

Model: SETTANTOTTO 78
Hull: ALDO CRANCHI
Project: R&D Dept. CRANCHI + Christian Grande
Design category: CAT. A

MAIN DIMENSIONS

Length Overall: 25.15 m 82 ft 6 in
Hull Length: 23.26 m 76 ft 3 in
Waterline Length: 19.63 m 64 ft 5 in
Beam Hull: 5.76 m 18 ft 10 in

WEIGHT & CAPACITY

Dry Displacement: 57,000 kg 125,665 lb
People: 18
N° of Berths: 8+3
Fuel Tank: 5,920 l 1302 UK gal 1,563 US gal
Water Tank: 1,250 l 275 UK gal 330 US gal

TEST CONDITION

F

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

DRIVETRAIN

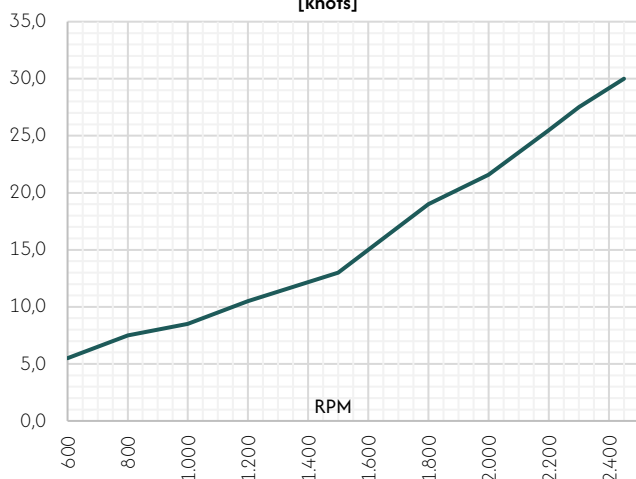
Engine: Volvo Penta 3x D13 IPS 1350
Power: 3 x 1,000 hp (3 x 735 kW)
Reduction Ratio: 1.88 : 1
Propeller: Q3

LOADING CONDITION

People Onboard: 5
Fuel Tank: 3,000 l 660 UK gal 793 US gal
Water Tank: 600 l 132 UK gal 159 US gal

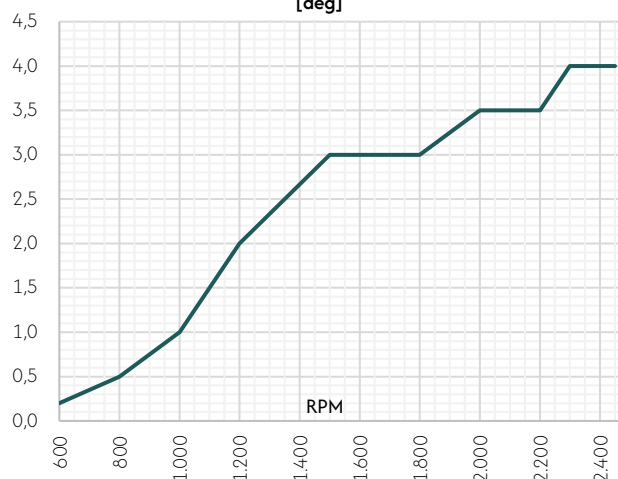
SPEED

[knots]



TRIM

[deg]



ENGINE RPM	SPEED	CONSUMPTION*		RANGE		NOISE		ATTITUDE
						HELM	CABIN	TRIM
[RPM]	[knots]	[l/nmi]	[l/h]	[nmi]	[hours]	[db]	[db]	[Deg]
600	5.5	3.3	18	1,809	329			0.2
800	7.5	4.3	32	1,388	185			0.5
1,000	8.5	7.3	62	812	95			1.0
1,200	10.5	11.4	120	518	49			2.0
1,500	13.0	14.6	190	405	31			3.0
1,800	19.0	15.6	296	380	20			3.0
2,000	21.6	17.4	376	340	16			3.5
2,200	25.5	17.6	450	335	13			3.5
2,300	27.5	19.6	540	301	11			4.0
2,450	30.0	19.4	583	305	10			4.0

Estimated values for ref. only	RPM	SPEED	CONSUMPTION *	RANGE
LOW CRUISING SPEED		21 knots	350 l/h	355 nmi
HIGH CRUISING SPEED		24 knots	420 l/h	338 nmi
TOP SPEED		29/30 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.

For these and other reasons, the performance data shall not in any event constitute a warranty or imply any liability on the part of CRANCHI.