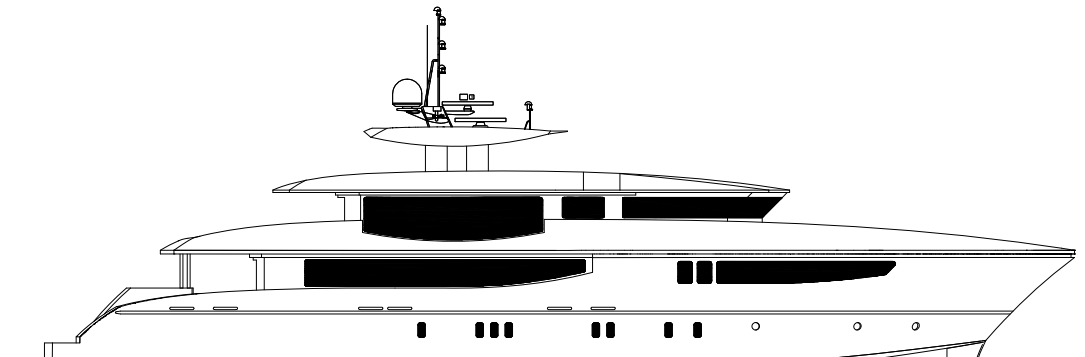


SHORT SPECIFICATION

FOR MOTOR YACHT 42.5 m

DISPLACEMENT STEEL MOTORYACHT



SHORT SPECIFICATION TS 1453

SPECIFICATION

Hull Type:	Twin propeller displacement motor yacht, round bilge type
Naval Architect:	Inhouse Design
Exterior Designer:	Inhouse Design
Interior Designer:	Inhouse Design
Classification:	RINA C, +HULL, oMACH, Y Private Yacht
Material of Hull & S.Structure:	Carbon Steel

MAIN DIMENSIONS

Length Over All (LOA):	42.55 m	140.00 ft
Beam Moulded (B):	8.30 m	27.20 ft
Draft (T):	2.50 m	8.20 ft
Displacement (50% load):	350 t	771.605 lbs

TECHNICAL DETAILS

Maximum Speed (50% Load):	16 knots	
Cruising Speed (50% Load):	13 knots	
Range at 12 knots:	3,500 N.m.	
Fuel Capacity:	60 m ³	15,850 US Gallon
Fresh Water Capacity:	11 m ³	2,900 US Gallon

PROPULSION SYSTEM

Main Engines:	CAT, MAN or MTU
Maximum Power	2 x 1450 HP (1067 kW)
Gear Box:	2 x ZF or Twin Disc
Engine Control:	Kobelt, Rexroth or Equal
Water-lubricated Shafts:	Stainless Steel Alloy, Ø110 mm
Propellers:	Custom, NiBrAl five blade fixed pitch, Ø1400 mm
Generators:	2 x 80 kW, ONAN, Northern Lights or Equal
Emergency Generator:	1 x 33 kW
Bowthruster:	Hydraulically Driven, 75 – 100 HP (54 – 74 kW)
Steering System:	DATA or Equal
Rudders:	Two stainless steel rudder blades with stainless steel boss
Stabilizers:	2 x Fin stabilizer system, Wesmar, TRAC or Equal

TECHNICAL EQUIPMENTS

Electrical System:	240/380 V AC, 50 Hz, 3 Phase + 24/12 V DC
Shore Supply:	2 x 120 A
Fresh Water Maker:	2 x Idromar or Equal, Total capacity 10,000 lt/day
Hot Water Boiler:	2 x Gianneschi or Equal, Total capacity 300 lt
Sanitary Treatment:	Hamann or Equal
Grey / Black Water System:	EVAC, JETS or Equal

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Fuel Separator:	Alfa-Laval or Equal, Capacity 760 lt/h
Air Conditioner & Fresh Air Sup.:	Webasto / Marine Air or Equal, 360.000 BTU (Incl. Fresh Air Supply Unit)
Anchor Capstan:	2 x DATA or Equal, Capacity 5000 kg
Anchor:	2× HHP Pool –Total Weight 315 kg
Anchor Chain:	2 x 137.5 m Stud link – Ø16 mm
Capstans:	2 x DATA or Equal, Capacity 1800 kg
Pasarelle:	Custom made, Stainless Steel & Teak

TENDERS & SPORT EQUIPMENT

Tenders and sport equipment are Owner's delivery. The design criteria for tenders and jet-ski's are foreseen as follows:

Tender: The tender launching arrangement and capacity in the tender garage shall be designed for:

1 x 5.80 m + 1 x 3.20 m, Jet drive, Diesel

1× Yamaha / Sea Doo or Equal, Jet Ski