

BRIG Rigid Inflatable Boat
Navigator 24
Preliminary data

Design category:	C
Model:	Navigator 24
Bottom type:	Rigid Inflatable Boat (RIB)
Type (ISO 6185-3):	VIII
Length overall (m):	7.30
Beam overall (m):	2.80
length internal (m):	5.60
Width internal (m):	1.60
Max tube diameter (m):	0.58
Air chambers:	5
Passengers capacity :	10
Weight of empty boat with standard equipment (console, seats, anchor, water tank, side plates on the tube) (kg):	1070
Weight of boat with standard and optional (T-Top, arch) equipment (kg):	1155
Maximum load capacity of empty boat (kg):	1790
Displacement in Light Craft Condition (LCC) (kg):	1660
Maximum total load (ML) (kg):	1200
Loaded displacement mass (kg):	2860
Maximum transportable mass (kg):	2110
Maximum motor power :	250HP (187kW)
Shaft length :	Extra long 1 x 25" or Long 2 x 20"
Engine(s) weight Max including battery and engine(s) controls (kg)	560
Tube material :	Hypalon/Neoprene coated fabric ORCA
Volume of fuel tank :	340 L
Volume of fresh water tank :	43 L
On the Builder's Plate : Maximum load for the builder's plate is Maximum total load (ML), which excludes the weight of the contents of the fixed fuel tank (250kg) and water tank (45kg) when full (kg) :	905

Weight sheet (kg) :

	Design Category C
Motor power	250HP
Recommended number of persons onboard CL	10

Boat with steering console and seats :	1020
Equipment envisaged in the standard version by the manufacturer (anchor, water tank, side plates on the tube):	50
Mass of the maximum outboard engine recommended by the builders:	560
Security equipment: (should not be less than 3LH (kg)). Chains, fire fitting equipment, security material (without life raft), warning signals, flags, radio VHP mobile phone.	30
Displacement in Light Craft Condition LCC =	1660
Total mass passengers, 75 kg per body:	750
Consumables fuel, oil at the maximal tank capacity:	250
Consumables fresh water at the maximal tank capacity:	45
Alimentation, additional equipment and load if applicable:	5
Optional equipment (T-Top, arch) :	85
Life raft = (12 + 2CL) x 2 :	65
Any provision for extra:	---
Maximum total load ML =	1200
Loaded displacement mass: LDC = LCC + ML=	2860

ISO 14945:2021

Maximum load for the builder's plate*	
Total mass passengers, 75 kg per body:	750
Alimentation, additional equipment and load if applicable:	5
Optional equipment (T-Top, arch) :	85
Life raft = (12 + 2CL) x 2 :	65
Any provision for extra:	---
Maximum load for the builder's plate mMBP =	905

*Maximum load for the builder's plate mMBP = Maximum total load (ML), which excludes the weight of the contents of the fixed tanks when full.