

NORTHSTAR[★]
AXIS
TENDERS

OWNER'S MANUAL



AXIS 3.1

AXIS 3.4

AXIS 3.8

AXIS 4.2

AXIS 4.8

AXIS 5.3

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1. GENERAL INFORMATION, DESIGN and PRODUCTION

HIN TR-

Please write your boat's Hull Identification Number (HIN), which can be found as molded in gelcoat on the starboard side of the transom.

NORTHSTAR is a trademark of RIBTECH A.S.

All Northstar Rigid Hull Inflatable Boats are manufactured by RIBTECH A.S. (also called NORTHSTAR throughout this manual.)

NORTHSTAR 

www.northstarboats.com

RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.S.

Address: Yazıbaşı Mh. 306 Sk. No:3/1

Torbali / Izmir 35875 Turkey

Phone: 0 232 853 90 44 Fax: 0 232 853 90 14

E-Mail: info@ribtech.com

Northstar AXIS Tenders have been tested regarding stability, freeboard, buoyancy, and flotation according to EN ISO 6185-3 to determine the requirements for the number of persons allowed and the additional loading.

2. INTRODUCTION

This manual is intended to assist in the safe use of your Northstar AXIS Tender. Please read carefully.

This owner's manual is not a course on safe navigation and seamanship. If this is a boat type you are not familiar with, make sure you have the necessary knowledge and experience before using your AXIS Tender for your own safety.

Please make sure that your AXIS Tender is suitable for weather and sea conditions in your area of use and ensure that your crew can operate the boat in these conditions.

This owner's manual is not a detailed maintenance or troubleshooting guide. In the event of a problem, contact the boat manufacturer or your dealer.

Trained and authorized persons should always be preferred for maintenance, repairs, or modifications. Any changes that may affect the safety aspect of the boat should be assessed, performed, and documented by authorized persons. The boat manufacturer cannot be held responsible for any unauthorized changes.

Maintain your AXIS Tender at all times and understand the wear and tear that may result from faulty or excessive use of the boat over time.

No matter how strong, each AXIS Tender can be severely damaged if not handled correctly. To ensure safe navigation, always adjust the speed and direction of your AXIS Tender according to the sea conditions.

While onboard, everyone should wear a suitable life jacket.

**PLEASE STORE THIS MANUAL IN A SAFE PLACE AND
PASS IT ON TO THE NEXT OWNER.**

2.1. INFORMATION ON DEGREES OF HAZARD

Throughout this manual, specific precautions and symbols identify safety-related information.

Following Safety Warnings are found:

 <p>DANGER</p> <p>Denotes an extreme intrinsic hazard exists which would result in high probability of death or irreparable injury if proper precautions are not taken.</p>	 <p>WARNING</p> <p>Denotes a hazard exists which can result in injury or death if proper precautions are not taken.</p>	 <p>CAUTION</p> <p>Denotes the reminder of safety practices or directs attention to unsafe practices which could result in personal injury or damage to the craft or components.</p>
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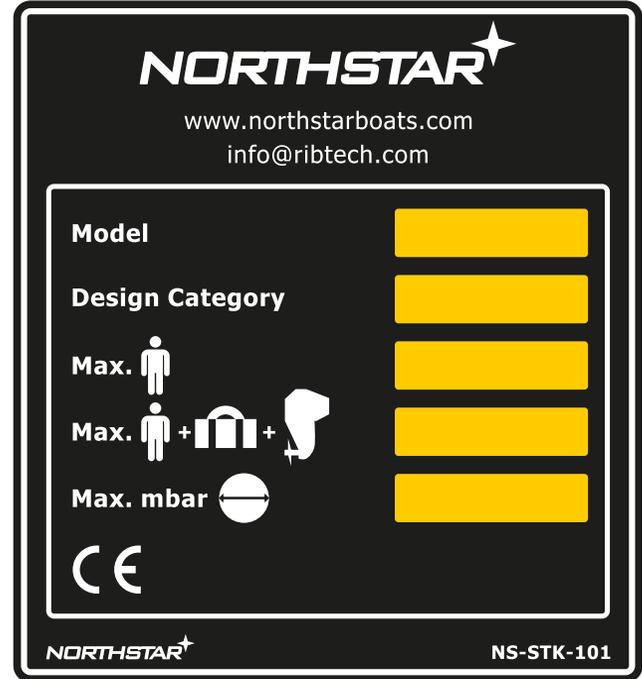
When you see one of the above marks in this manual, pay special attention to the points mentioned.

In addition, many areas of your AXIS Tender contain safety-related labels that warn the operator and passengers.

EU legislation requires the CE mark to be applied to the Manufacturer's Plate.

2.2. EXPLANATION OF MANUFACTURER'S PLATE

The manufacturer's plate, which is fixed at the console, looks like the following:



For craft with outboard engines, mass of the craft in the light craft (unladen) condition (kg) includes the weight of the heaviest recommended outboard engine, however, in some cases (a small rowing or outboard tender for example) the craft may be used with or without the outboard. In these cases, it would be useful to also know the weight without the outboard motor (perhaps to see if it is light enough to carry on a car roof).



The maximum recommended load includes the weight of all persons onboard, all provisions and personal effects, any equipment not included in the light craft mass, cargo (if any), and all consumable liquids (water, fuel, etc.).



Do not exceed the maximum number of persons. Regardless of the number of persons on board, the total weight of persons and equipment must never exceed the maximum recommended load. Always use the seats/seating spaces provided.



When loading your AXIS Tender, never exceed the maximum recommended load. Always load the craft carefully and distribute loads appropriately to maintain the design trim (approximate level). Avoid placing heavy weights high up.

3. CLASSIFICATION, CERTIFICATION AND SPECIFICATIONS

All AXIS Tenders are manufactured in compliance with ISO 6185-3 (Standardization of small crafts less than 8 m. with an engine power rating of 15 kW and greater) which specifies the minimum safety characteristics required for the design, materials of use, manufacture and testing of inflatable boats and rigid inflatable boats.

The following Declaration of Conformity (DoC) Certificates specify the design, construction, and noise emission requirements for each AXIS Tender in compliance with EU legislation.

This section also contains principal data in accordance with ISO 8666 which applies to small craft having a length of the hull (L_h) of up to 24 meters defining the main dimensions and related data and of mass specifications and loading conditions.

Following each AXIS model's Declaration of Conformity Certificate, technical specifications and general view with dimensions will be found.

3.1. AXIS 3.1 DECLARATION OF CONFORMITY

Version in English language approved by RCD ADCC on 8th June 2016

EU Declaration of Conformity of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU (To be completed by manufacturer or if mandated, authorised representative)

Name of recreational craft manufacturer: **RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.Ş.**
 Address: **YAZIBASI MAH. 306 SOK. NO: 3/1**
 Town: **TORBALI - İZMİR** Post Code: **35875** Country: **TURKEY**

Name of authorised representative (if applicable):
 Address:
 Town: Post Code: Country:

Module used for design and construction assessment: A A1 B+C B+D B+E B+F G H
 Name of Notified Body for design and construction assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable):
 Date: / /

Module used for noise emission assessment (if applicable): A A1 G H
 Name of Notified Body for noise emission assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable):
 Date: / /

Other Community Directives applied:

DESCRIPTION OF RECREATIONAL CRAFT:
 Watercraft Identification Number: **TRK - R11B**

Brand name of the Recreational Craft: **NORTHSTAR** Model or Type: **AXIS 3.1**

Type of construction: Rigid Inflatable Rigid-inflatable (RIB)
 Type of hull: Monohull Multihull
 Hull construction material: Aluminium, aluminium alloys Moulded Fibre Reinforced Plastic Steel, steel alloys Wood Other (specify):
 Craft main propulsion: Sail, projected sail area A_r: _____ m² Human propulsion Engine/motor propulsion Other (specify):
 Installed engine type (if applicable): Internal combustion, Diesel (CI) Internal combustion, Petrol (SI) Internal combustion, LPG/CNG Electric Other (specify):

Category	Number of Persons	Max Load (kg)
A		
B		
C	4	400
D		

Recreational Craft Design category(ies) related to the maximum recommended number of persons:
 Length of hull L₁: **3.10** m
 Beam of hull B₁: **1.81** m
 Maximum Draught T₁: _____ m

Deck: Fully enclosed Partially protected Open
 Integral exhaust propulsion (if applicable): Yes No
 Maximum Recommended engine power: _____ kW
 Installed engine power: _____ kW
 Number of propulsion engines: _____
 Maximum recommended engine mass²: _____ kg

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the manufacturer that the recreational craft mentioned above fulfils the requirements specified in Article 4 (1) and Annex I of Directive 2013/53/EU.

Name and function: **MURAT KAYA** Signature and title:
 (Identification of the person empowered to sign on behalf of the manufacturer or his authorised representative)
 Date and place of issue (dd/mm/yyyy): / / **FACTORY MANAGER**

¹ The document may have a different name according to each module (A1: Stability and buoyancy report, B: EC type examination certificate, G: Certificate of conformity, etc.)
² For outboard powered boats only

Essential requirements (reference to relevant articles in Annex I A & C of the Directive)	Harmonised standards (reference to relevant articles in Annex I A & C of the Directive)	Other reference documents (reference to relevant articles in Annex I A & C of the Directive)	Other proof of conformity (reference to relevant articles in Annex I A & C of the Directive)	Specify the harmonised ¹ standards or other reference documents (with year of publication like 'EN ISO 8666:2002')
General requirements (2)				
Principal data – main dimensions	<input checked="" type="checkbox"/>			EN ISO 8666:2002
Watercraft Identification Number – WIN (2.1)	<input checked="" type="checkbox"/>			EN ISO 10087:2006
Watercraft Builder's Plate (2.2)	<input checked="" type="checkbox"/>			14945
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>			15085
Visibility from the main steering position (2.4)	<input checked="" type="checkbox"/>			11591
Owner's manual (2.5)	<input checked="" type="checkbox"/>			10240
Integrity and structural requirements (3)				
Structure (3.1)	<input checked="" type="checkbox"/>			12215-1, 12215-4
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>			6185-3
Buoyancy and flotation (3.3)	<input checked="" type="checkbox"/>			6185-3
Openings in hull, deck and superstructure (3.4)	<input checked="" type="checkbox"/>			9093,9094-1,1312216
Flooding (3.5)	<input checked="" type="checkbox"/>			6185-3
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>			6185,-
Liferaft stowage (3.7)	<input type="checkbox"/>			
Escape (3.8)	<input type="checkbox"/>			
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>			6185-3
Handling characteristics (4)				
<input checked="" type="checkbox"/>				6185-3
Engines and engine spaces (5.1)				
Inboard engine (5.1.1)	<input type="checkbox"/>			
Ventilation (5.1.2)	<input type="checkbox"/>			
Exposed parts (5.1.3)	<input type="checkbox"/>			
Outboard engine starting (5.1.4)	<input checked="" type="checkbox"/>			11547
Fuel system (5.2)				
General – fuel system (5.2.1)	<input checked="" type="checkbox"/>			7840,9094
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>			10088,16147
Electrical systems (5.3)				
<input type="checkbox"/>				
Steering systems (5.4)				
General – steering system (5.4.1)	<input checked="" type="checkbox"/>			8848,10592,13929,28847,28848
Emergency arrangements (5.4.2)	<input checked="" type="checkbox"/>			
Gas systems (5.5)				
<input type="checkbox"/>				
Fire protection (5.6)				
General – fire protection (5.6.1)	<input checked="" type="checkbox"/>			9094-1
Fire-fighting equipment (5.6.2)	<input type="checkbox"/>			
Navigation lights, shapes and sound signals (5.7)	<input checked="" type="checkbox"/>			KVR
Discharge prevention (5.8)	<input checked="" type="checkbox"/>			8099
Annex I B – Exhaust Emissions ³				
Annex I C – Noise Emissions ⁴				
Noise emissions level (I, C, 1)	<input checked="" type="checkbox"/>			
Owner's manual (I, C, 2)	<input checked="" type="checkbox"/>			

The entire form has been compiled and made available by the International Marine Certification Institute at www.imci.com. This document is under the sole responsibility of the manufacturer.

³ Such as non-harmonised standards, rules, regulations, guidelines, etc.
⁴ Standards published in EU Official Journal

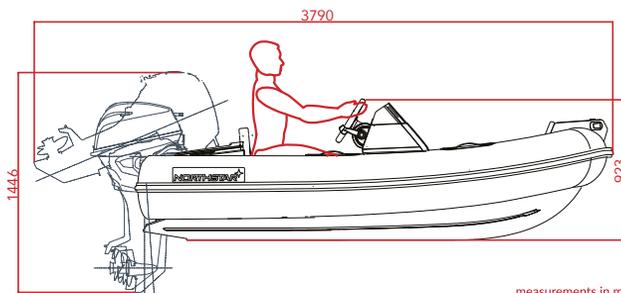
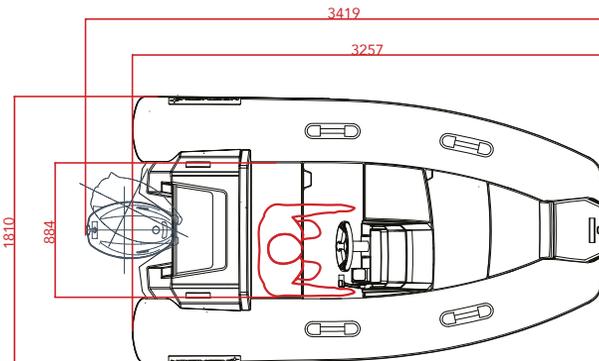
⁵ See Declaration of Conformity of engine manufacturer

⁶ Only to be completed for boats with inboard engines or sterndrive engines without integral exhaust

NORTHSTAR AXIS 3.1

Specifications

Length	325 cm. / 10'7"
Beam	181 cm. / 5'11"
Weight	210 kg. / 462 lbs
Tube Diameter	0.40 m. / 15.7"
Suggested Tube Pressure	0.18 bar / 2.6 psi
No. of Chambers	3
Maximum Persons	4
Minimum Power	20 HP
Maximum Power	30 HP
Recommended Power	25 HP
Shaft Length	S / L
Fuel Tank Capacity	33 lt. / 8.7 US Gal
Design Category	CE - Cat. C



measurements in mm

3.2. AXIS 3.4 DECLARATION OF CONFORMITY

Version in English language approved by RCD ADCC on 8th June 2016

EU Declaration of Conformity of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU (To be completed by manufacturer or if mandated, authorised representative)

Name of recreational craft manufacturer: **RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.Ş.**
 Address: **YAZIBASI MAH. 306 SOK. NO: 3/1**
 Town: **TORBALI - İZMİR** Post Code: **35875** Country: **TURKEY**

Name of authorised representative (if applicable):
 Address:
 Town: Post Code: Country:

Module used for design and construction assessment: A A1 B+C B+D B+E B+F G H
 Name of Notified Body for design and construction assessment (if applicable):

Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Module used for noise emission assessment (if applicable): A A1 G H

Name of Notified Body for noise emission assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Other Community Directives applied:

DESCRIPTION OF RECREATIONAL CRAFT:

Watercraft Identification Number: **TR R 1 B**

Brand name of the Recreational Craft: **NORTHSTAR** Model or Type: **AXIS 3.4**

Type of construction: Rigid Inflatable Rigid-inflatable (RIB) Craft main propulsion:
 Sail, projected sail area A_r: _____ m²
 Human propulsion
 Engine/motor propulsion
 Other (specify): _____

Type of hull: Monohull Multihull Installed engine type (if applicable):
 Internal combustion, Diesel (CI)
 Internal combustion, Petrol (SI)
 Internal combustion, LPG/CNG
 Electric
 Other (specify): _____

Hull construction material:
 Aluminium, aluminium alloys Moulded Fibre Reinforced Plastic
 Steel, steel alloys Wood
 Other (specify): _____

Recreational Craft Design category(ies) related to the maximum recommended number of persons:

Category	Number of Persons	Max Load (kg)
A		
B		
C	4	425
D		

Length of hull L₁: **3.40** m
 Beam of hull B₁: **1.72** m
 Maximum Draught T₁: _____ m

Deck: Fully enclosed Partially protected Open

Integral exhaust propulsion (if applicable): Yes No
 Maximum Recommended engine power: _____ kW
 Installed engine power: _____ kW
 Number of propulsion engines: _____
 Maximum recommended engine mass²: _____ kg

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the manufacturer that the recreational craft mentioned above fulfils the requirements specified in Article 4 (1) and Annex I of Directive 2013/53/EU.

Name and function: **MURAT KAYA** Signature and title:
 (Identification of the person empowered to sign on behalf of the manufacturer or his authorised representative) (or an equivalent marking)

Date and place of issue (dd/mm/yyyy): / / **FACTORY MANAGER**

¹ The document may have a different name according to each module (A1: Stability and buoyancy report, B: EC type examination certificate, G: Certificate of conformity, etc.)
² For outboard powered boats only

Essential requirements (reference to relevant articles in Annex I A & C of the Directive)	Harmonised standards (reference to relevant standards)	Other reference documents ¹	Other proof of conformity (reference to relevant documents)	Specify the harmonised ¹ standards or other reference documents used (with year of publication like 'EN ISO 8666:2002')
General requirements (2)				
Principal data – main dimensions	<input checked="" type="checkbox"/>			EN ISO 8666:2002
Watercraft Identification Number – WIN (2.1)	<input checked="" type="checkbox"/>			EN ISO 10087:2006
Watercraft Builder's Plate (2.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14945
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15085
Visibility from the main steering position (2.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11591
Owner's manual (2.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10240
Integrity and structural requirements (3)				
Structure (3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12215-1, 12215-4
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Buoyancy and flotation (3.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Openings in hull, deck and superstructure (3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9093,9094-1,1312216
Flooding (3.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185,-
Liferaft stowage (3.7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Escape (3.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Handling characteristics (4)				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Engines and engine spaces (5.1)				
Inboard engine (5.1.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation (5.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exposed parts (5.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outboard engine starting (5.1.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11547
Fuel system (5.2)				
General – fuel system (5.2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7840,9094
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10088,16147
Electrical systems (5.3)				
Steering systems (5.4)				
General – steering system (5.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8848,10592,13929,28847,28848
Emergency arrangements (5.4.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gas systems (5.5)				
Fire protection (5.6)				
General – fire protection (5.6.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9094-1
Fire-fighting equipment (5.6.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation lights, shapes and sound signals (5.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KVR
Discharge prevention (5.8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8099
Annex I B – Exhaust Emissions³				
Annex I C – Noise Emissions³				
Noise emissions level (I, C.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Owner's manual (I, C.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

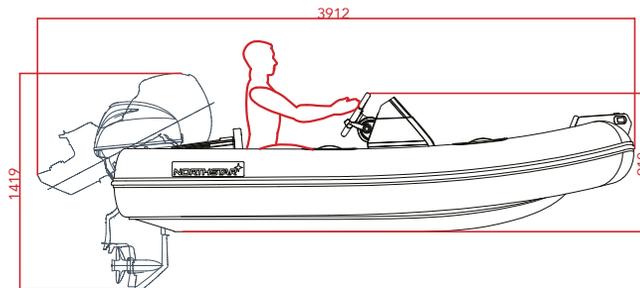
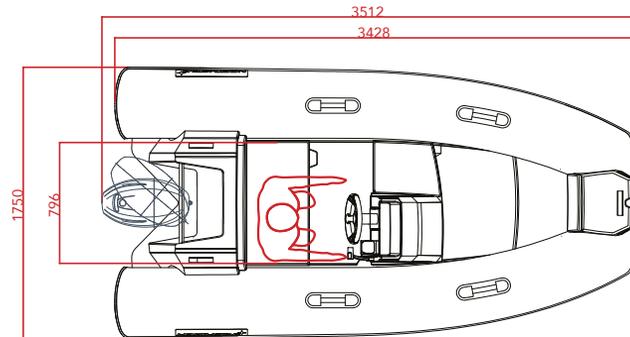
The entire certificate was completed and made available by the International Marine Certification Institute at www.imci.com. This document is under the sole responsibility of the manufacturer.

¹ Such as non-harmonised standards, rules, regulations, guidelines, etc.
² Standards published in EU Official Journal
³ See Declaration of Conformity of engine manufacturer
⁴ Only to be completed for boats with inboard engines or inboard engines without integral exhaust

NORTHSTAR AXIS 3.4

Specifications

Length	340 cm. / 11'2"
Beam	175 cm. / 5'9"
Weight	210 kg. / 462 lbs
Tube Diameter	0.41 m. / 16.1"
Suggested Tube Pressure	0.18 bar / 2.6 psi
No. of Chambers	3
Maximum Persons	4
Minimum Power	25 HP
Maximum Power	40 HP
Recommended Power	30 HP
Shaft Length	L
Fuel Tank Capacity	33 lt. / 8.7 US Gal
Design Category	CE - Cat. C



measurements in mm

3.3. AXIS 3.8 DECLARATION OF CONFORMITY

Version in English language approved by RCD ADCC on 8th June 2016

EU Declaration of Conformity of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU (To be completed by manufacturer or if mandated, authorised representative)

Name of recreational craft manufacturer: **RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.Ş.**
 Address: **YAZIBASI MAH. 306 SOK. NO: 3/1**
 Town: **TORBALI - İZMİR** Post Code: **35875** Country: **TURKEY**

Name of authorised representative (if applicable):
 Address:
 Town: Post Code: Country:

Module used for design and construction assessment: A A1 B+C B+D B+E B+F G H
 Name of Notified Body for design and construction assessment (if applicable):

Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Module used for noise emission assessment (if applicable): A A1 G H

Name of Notified Body for noise emission assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Other Community Directives applied:

DESCRIPTION OF RECREATIONAL CRAFT:

Watercraft Identification Number: **T R K - R 1 1 B**

Brand name of the Recreational Craft: **NORTHSTAR** Model or Type: **AXIS 3.8**

Type of construction: Rigid Inflatable Rigid-inflatable (RIB) Craft main propulsion: Sail, projected sail area A_c: _____ m² Human propulsion Engine/motor propulsion Other (specify): _____

Type of hull: Monohull Multihull Installed engine type (if applicable): Internal combustion, Diesel (CI) Internal combustion, Petrol (SI) Internal combustion, LPG/CNG Electric Other (specify): _____

Hull construction material: Aluminium, aluminium alloys Moulded Fibre Reinforced Plastic Steel, steel alloys Wood Other (specify): _____

Recreational Craft Design category(ies) related to the maximum recommended number of persons:

Category	Number of Persons	Max Load (kg)
A		
B		
C	5	520
D		

Length of hull L₁: **3.80** m
 Beam of hull B₁: **1.91** m
 Maximum Draft T₁: _____ m

Deck: Fully enclosed Partially protected Open

Integral exhaust propulsion (if applicable): Yes No

Maximum Recommended engine power: _____ kW
 Installed engine power: _____ kW
 Number of propulsion engines: _____
 Maximum recommended engine mass²: _____ kg

Name and function: **MURAT KAYA** Signature and title: _____
 (Identification of the person empowered to sign on behalf of the manufacturer or its authorised representative) (or an equivalent marking)

Date and place of issue (dd/mm/yyyy): / / **FACTORY MANAGER**

¹ The document may have a different name according to each module (A1: Stability and buoyancy report, B: EC type examination certificate, G: Certificate of conformity, etc.)
² For outboard powered boats only

Essential requirements (reference to relevant articles in Annex A6 & C of the Directive)	Harmonised standards For high speed watercraft	Harmonised standards For outboard, see note 1	Other reference documents For outboard, see note 1	Other reference documents For inboard, see note 1	Other proof of conformity For outboard, see note 1	Specify the harmonised ¹ standards or other reference documents (with year of publication like 'EN ISO 8666:2002')
General requirements (2)						
Principal data – main dimensions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8666:2002
Watercraft Identification Number – WIN (2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10087:2006
Watercraft Builder's Plate (2.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14945
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15085
Visibility from the main steering position (2.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11591
Owner's manual (2.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10240
Integrity and structural requirements (3)						
Structure (3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12215-1, 12215-4
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Buoyancy and flotation (3.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Openings in hull, deck and superstructure (3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9093,9094-1312216
Flooding (3.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185,-
Liferaft stowage (3.7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Escape (3.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Handling characteristics (4)						
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Engines and engine spaces (5.1)						
Inboard engine (5.1.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation (5.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exposed parts (5.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outboard engine starting (5.1.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11547
Fuel system (5.2)						
General – fuel system (5.2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7840,9094
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10088,16147
Electrical systems (5.3)						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Steering systems (5.4)						
General – steering system (5.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8848,10592,13929,28847,28848
Emergency arrangements (5.4.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gas systems (5.5)						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fire protection (5.6)						
General – fire protection (5.6.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9094-1
Fire-fighting equipment (5.6.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation lights, shapes and sound signals (5.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KVR
Discharge prevention (5.8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8099
Annex I.B – Exhaust Emissions³						
Annex LC – Noise Emissions⁴						
Noise emissions level (I.C.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Owner's manual (I.C.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

The entire certificate was compiled and made available by the International Marine Certification Institute at www.imci.com. This document is under the sole responsibility of the manufacturer.

¹ Such as non-harmonised standards, rules, regulations, guidelines, etc.

² Standards published in EU Official Journal

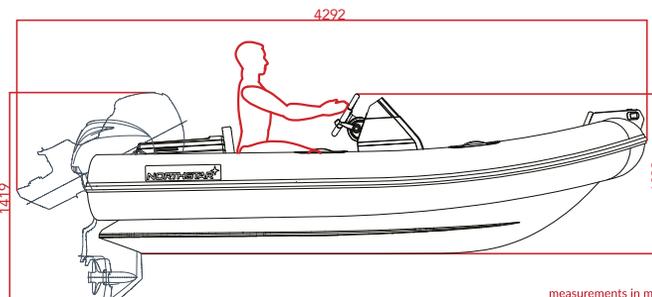
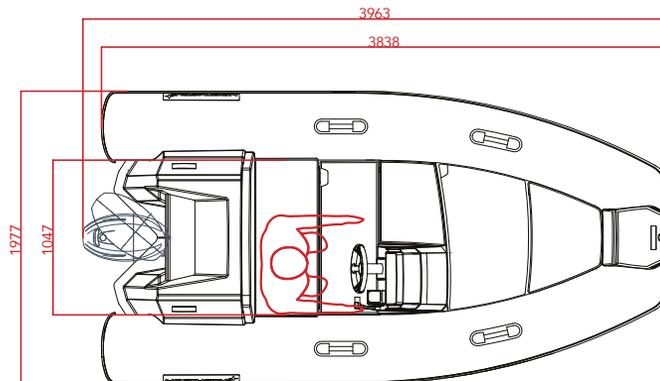
³ See Declaration of Conformity of engine manufacturer

⁴ Only to be completed for boats with inboard engines or inboard engines without integral exhaust

NORTHSTAR AXIS 3.8

Specifications

Length	385 cm. / 12'6"
Beam	191 cm. / 6'3"
Weight	245 kg. / 540 lbs
Tube Diameter	0.43 m. / 16.9"
Suggested Tube Pressure	0.18 bar / 2.6 psi
No. of Chambers	3
Maximum Persons	5
Minimum Power	30 HP
Maximum Power	50 HP
Recommended Power	40 HP
Shaft Length	L
Fuel Tank Capacity	33 lt. / 8.7 US Gal
Design Category	CE - Cat. C



measurements in mm

3.4. AXIS 4.2 DECLARATION OF CONFORMITY

Version in English language approved by RCD ADCC on 8th June 2016

EU Declaration of Conformity of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU (To be completed by manufacturer or if mandated, authorised representative)

Name of recreational craft manufacturer: **RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.Ş.**
 Address: **YAZIBASI MAH. 306 SOK. NO: 3/1**
 Town: **TORBALI - İZMİR** Post Code: **35875** Country: **TURKEY**

Name of authorised representative (if applicable):
 Address:
 Town: Post Code: Country:

Module used for design and construction assessment: A A1 B+C B+D B+E B+F G H
 Name of Notified Body for design and construction assessment (if applicable):

Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Module used for noise emission assessment (if applicable): A A1 G H

Name of Notified Body for noise emission assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Other Community Directives applied:

DESCRIPTION OF RECREATIONAL CRAFT:

Watercraft Identification Number: **T R K - R 1 1 B**

Brand name of the Recreational Craft: **NORTHSTAR** Model or Type: **AXIS 4.2**

Type of construction: Rigid Inflatable Rigid-inflatable (RIB) Craft main propulsion:
 Sail, projected sail area A_c: _____ m²
 Human propulsion
 Engine/motor propulsion
 Other (specify): _____

Type of hull: Monohull Multihull Installed engine type (if applicable):
 Internal combustion, Diesel (CI)
 Internal combustion, Petrol (SI)
 Internal combustion, LPG/CNG
 Electric
 Other (specify): _____

Hull construction material: Aluminium, aluminium alloys Moulded Fibre Reinforced Plastic
 Steel, steel alloys Wood

Recreational Craft Design category(ies) related to the maximum recommended number of persons:

Category	Number of Persons	Max Load (kg)
A		
B		
C	6	510
D		

Length of hull L₁: **4.20 m**
 Beam of hull B₁: **1.95 m**
 Maximum Draught T₁: _____ m

Deck: Fully enclosed Partially protected Open

Integral exhaust propulsion (if applicable): Yes No
 Maximum Recommended engine power: _____ kW
 Installed engine power: _____ kW
 Number of propulsion engines: _____
 Maximum recommended engine mass²: _____ kg

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the manufacturer that the recreational craft mentioned above fulfils the requirements specified in Article 4 (1) and Annex I of Directive 2013/53/EU.

Name and function: **MURAT KAYA** Signature and title:
 (Identification of the person empowered to sign on behalf of the manufacturer or his authorised representative) (or an equivalent marking)

Date and place of issue (dd/mm/yyyy): / / **FACTORY MANAGER**

¹ The document may have a different name according to each module (A1: Stability and buoyancy report, B: EC type examination certificate, G: Certificate of conformity, etc.)
² For outboard powered boats only

Essential requirements (reference to relevant articles in Annex I A & C of the Directive)	Harmonised standards For high speed watercraft	Harmonised standards For motor propulsion, see item 1 of the reference documents ¹ For sail propulsion, see item 2 of the reference documents ¹	Other reference documents ² For sail propulsion, see item 1 of the reference documents ¹	Other proof of conformity For motor propulsion, see item 1 of the reference documents ¹	Specify the harmonised ⁴ standards or other reference documents used (with year of publication like 'EN ISO 8666:2002')
General requirements (2)					
Principal data – main dimensions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8666:2002
Watercraft Identification Number – WIN (2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10087:2006
Watercraft Builder's Plate (2.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14945
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15085
Visibility from the main steering position (2.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11591
Owner's manual (2.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10240
Integrity and structural requirements (3)					
Structure (3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12215-1, 12215-4
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Buoyancy and flotation (3.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Openings in hull, deck and superstructure (3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9093,9094-1312216
Flooding (3.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185,-
Liferaft stowage (3.7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Escape (3.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Handling characteristics (4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Engines and engine spaces (5.1)					
Inboard engine (5.1.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation (5.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exposed parts (5.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outboard engine starting (5.1.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11547
Fuel system (5.2)					
General – fuel system (5.2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7840,9094
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10088,16147
Electrical systems (5.3)					
Steering systems (5.4)					
General – steering system (5.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8848,10592,13929,28847,28848
Emergency arrangements (5.4.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gas systems (5.5)					
Fire protection (5.6)					
General – fire protection (5.6.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9094-1
Fire-fighting equipment (5.6.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation lights, shapes and sound signals (5.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KVR
Discharge prevention (5.8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8099
Annex I B – Exhaust Emissions³					
Annex I C – Noise Emissions⁴					
Noise emissions level (I, C.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Owner's manual (I, C.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

The entire form has been compiled and made available by the International Marine Certification Institute at www.imci.com. This document is under the sole responsibility of the manufacturer.

³ Such as non-harmonised standards, rules, regulations, guidelines, etc.
⁴ Standards published in EU Official Journal

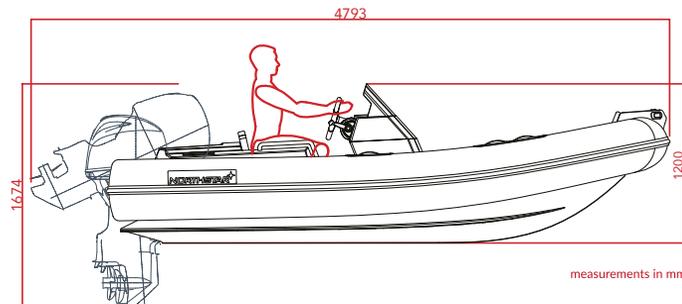
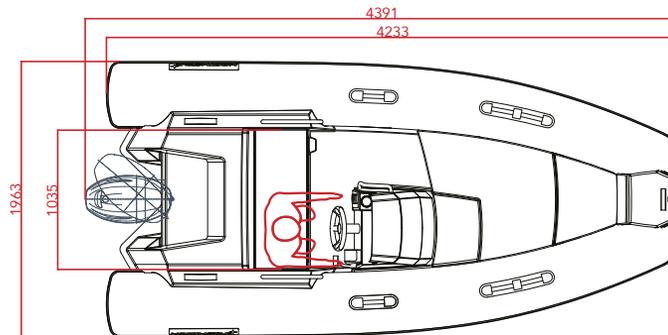
¹ See Declaration of Conformity of engine manufacturer

² Only to be completed for boats with inboard engines or sterndrive engines without integral exhaust

NORTHSTAR AXIS 4.2

Specifications

Length	425 cm. / 13'9"
Beam	196 cm. / 6'5"
Weight	282 kg. / 621 lbs
Tube Diameter	0.43 m. / 16.9"
Suggested Tube Pressure	0.18 bar / 2.6 psi
No. of Chambers	4
Maximum Persons	6
Minimum Power	40 HP
Maximum Power	60 HP
Recommended Power	50 HP
Shaft Length	L
Fuel Tank Capacity	42 lt. / 11.1 US Gal
Design Category	CE - Cat. C



measurements in mm

3.5. AXIS 4.8 DECLARATION OF CONFORMITY

Version in English language approved by RCD ADCC on 8th June 2016

EU Declaration of Conformity of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU (To be completed by manufacturer or if mandated, authorised representative)

Name of recreational craft manufacturer: **RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.Ş.**
 Address: **YAZIBASI MAH. 306 SOK. NO: 3/1**
 Town: **TORBALI - İZMİR** Post Code: **35875** Country: **TURKEY**

Name of authorised representative (if applicable):
 Address:
 Town: Post Code: Country:

Module used for design and construction assessment: A A1 B+C B+D B+E B+F G H
 Name of Notified Body for design and construction assessment (if applicable):

Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Module used for noise emission assessment (if applicable): A A1 G H

Name of Notified Body for noise emission assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Other Community Directives applied:

DESCRIPTION OF RECREATIONAL CRAFT:

Watercraft Identification Number: **TRK - R11B**

Brand name of the Recreational Craft: **NORTHSTAR** Model or Type: **AXIS 4.8**

Type of construction: Rigid Inflatable Rigid-inflatable (RIB) Craft main propulsion:
 Sail, projected sail area A_c: _____ m²
 Human propulsion
 Engine/motor propulsion
 Other (specify): _____

Type of hull: Monohull Multihull Installed engine type (if applicable):
 Internal combustion, Diesel (CI)
 Internal combustion, Petrol (SI)
 Internal combustion, LPG/CNG
 Electric
 Other (specify): _____

Hull construction material:
 Aluminium, aluminium alloys Moulded Fibre Reinforced Plastic
 Steel, steel alloys Wood
 Other (specify): _____

Recreational Craft Design category(ies) related to the maximum recommended number of persons:

Category	Number of Persons	Max Load (kg)
A		
B		
C	8	720
D		

Length of hull L₁: **4.80 m**
 Beam of hull B₁: **2.20 m**
 Maximum Draught T: _____ m

Deck: Fully enclosed Partially protected Open

Integral exhaust propulsion (if applicable): Yes No

Maximum Recommended engine power: _____ kW
 Installed engine power: _____ kW
 Number of propulsion engines: _____
 Maximum recommended engine mass²: _____ kg

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the manufacturer that the recreational craft mentioned above fulfils the requirements specified in Article 4 (1) and Annex I of Directive 2013/53/EU.

Name and function: **MURAT KAYA** Signature and title:
 (Identification of the person empowered to sign on behalf of the manufacturer or its authorised representative) (or an equivalent marking)

Date and place of issue (dd/mm/yyyy): / / **FACTORY MANAGER**

¹ The document may have a different name according to each module (A1: Stability and buoyancy report, B: EC type examination certificate, G: Certificate of conformity, etc.)
² For outboard powered boats only

Essential requirements (reference to relevant articles in Annex I A & C of the Directive)	Harmonised standards (reference to relevant articles in Annex I A & C of the Directive)	Other reference documents (reference to relevant articles in Annex I A & C of the Directive)	Other proof of conformity (reference to relevant articles in Annex I A & C of the Directive)	Specify the harmonised ¹ standards or other reference documents used (with year of publication like 'EN ISO 8666:2002')
General requirements (2)				
Principal data – main dimensions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8666:2002
Watercraft Identification Number – WIN (2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10087:2006
Watercraft Builder's Plate (2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14945
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15085
Visibility from the main steering position (2.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11591
Owner's manual (2.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10240
Integrity and structural requirements (3)				
Structure (3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12215-1, 12215-4
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Buoyancy and flotation (3.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Openings in hull, deck and superstructure (3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9093,9094-1,1312216
Flooding (3.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185,-
Liferaft stowage (3.7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Escape (3.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Handling characteristics (4)				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Engines and engine spaces (5.1)				
Inboard engine (5.1.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation (5.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exposed parts (5.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outboard engine starting (5.1.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11547
Fuel system (5.2)				
General – fuel system (5.2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7840,9094
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10088,16147
Electrical systems (5.3)				
Steering systems (5.4)				
General – steering system (5.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8848,10592,13929,28847,28848
Emergency arrangements (5.4.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gas systems (5.5)				
Fire protection (5.6)				
General – fire protection (5.6.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9094-1
Fire-fighting equipment (5.6.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation lights, shapes and sound signals (5.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KVR
Discharge prevention (5.8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8099
Annex I B – Exhaust Emissions³				
Annex I C – Noise Emissions⁴				
Noise emissions level (I, C.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Owner's manual (I, C.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

The entire form has been compiled and made available by the International Marine Certification Institute at www.imci.com. This document is under the sole responsibility of the manufacturer.

¹ Such as non-harmonised standards, rules, regulations, guidelines, etc.

² Standards published in EU Official Journal

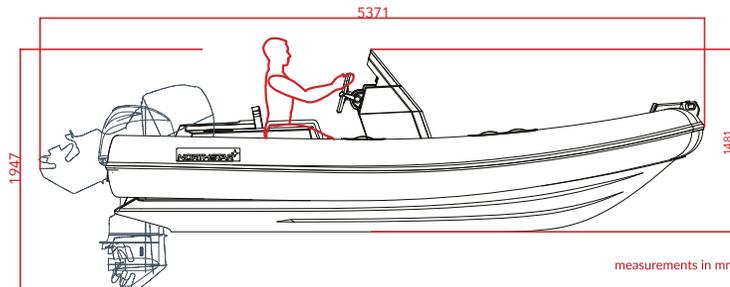
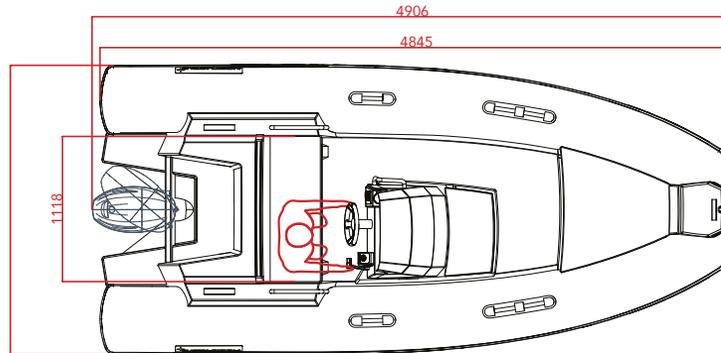
³ See Declaration of Conformity of engine manufacturer

⁴ Only to be completed for boats with inboard engines or outboard engines without integral exhaust

NORTHSTAR AXIS 4.8

Specifications

Length	485 cm. / 15'9"
Beam	223 cm. / 7'3"
Weight	420 kg. / 925 lbs
Tube Diameter	0.46 m. / 18.1"
Suggested Tube Pressure	0.18 bar / 2.6 psi
No. of Chambers	4
Maximum Persons	8
Minimum Power	50 HP
Maximum Power	80 HP
Recommended Power	70 HP
Shaft Length	L
Fuel Tank Capacity	51 lt. / 13.5 US Gal
Design Category	CE - Cat. C



3.6. AXIS 5.3 DECLARATION OF CONFORMITY

Version in English language approved by RCD ADCC on 8th June 2016

EU Declaration of Conformity of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU (To be completed by manufacturer or if mandated, authorised representative)

Name of recreational craft manufacturer: **RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.Ş.**
 Address: **YAZIBASI MAH. 306 SOK. NO: 3/1**
 Town: **TORBALI - İZMİR** Post Code: **35875** Country: **TURKEY**

Name of authorised representative (if applicable):
 Address:
 Town: Post Code: Country:

Module used for design and construction assessment: A A1 B+C B+D B+E B+F G H
 Name of Notified Body for design and construction assessment (if applicable):

Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Module used for noise emission assessment (if applicable): A A1 G H

Name of Notified Body for noise emission assessment (if applicable):
 Address:
 Town: Post Code: Country: ID Number:

Notified Body certificate¹ number (if applicable): Date: / /

Other Community Directives applied:

DESCRIPTION OF RECREATIONAL CRAFT:

Watercraft Identification Number: **TRK - R11B**

Brand name of the Recreational Craft: **NORTHSTAR** Model or Type: **AXIS 5.3**

Type of construction: Rigid Inflatable Rigid-inflatable (RIB) Craft main propulsion: Sail, projected sail area A_r: _____ m²
 Human propulsion Engine/motor propulsion Other (specify): _____

Type of hull: Monohull Multihull Installed engine type (if applicable):
 Internal combustion, Diesel (CI) Internal combustion, Petrol (SI) Internal combustion, LPG/CNG Electric Other (specify): _____

Hull construction material: Aluminium, aluminium alloys Moulded Fibre Reinforced Plastic Steel, steel alloys Wood Other (specify): _____

Recreational Craft Design category(ies) related to the maximum recommended number of persons:

Category	Number of Persons	Max Load (kg)
A		
B		
C	9	900
D		

Length of hull L₁: **5.30** m
 Beam of hull B₁: **2.33** m
 Maximum Draught T₁: _____ m

Deck: Fully enclosed Partially protected Open

Integral exhaust propulsion (if applicable): Yes No
 Maximum Recommended engine power: _____ kW
 Installed engine power: _____ kW
 Number of propulsion engines: _____
 Maximum recommended engine mass²: _____ kg

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the manufacturer that the recreational craft mentioned above fulfils the requirements specified in Article 4 (1) and Annex I of Directive 2013/53/EU.

Name and function: **MURAT KAYA** Signature and title:
 (Identification of the person empowered to sign on behalf of the manufacturer or his authorised representative) (or an equivalent marking)

Date and place of issue (dd/mm/yyyy): / / **FACTORY MANAGER**

¹ The document may have a different name according to each module (A1: Stability and buoyancy report, B: EC type examination certificate, G: Certificate of conformity, etc.)
² For outboard powered boats only

The entire form has been compiled and made available by the International Marine Certification Institute at www.imci.com. This document is under the sole responsibility of the manufacturer.

Essential requirements (reference to relevant articles in Annex I A & C of the Directive)	Harmonised standards (Full list of standards)	Harmonised standards (Reference to relevant articles in Annex I A & C of the Directive)	Other reference documents (Reference to relevant articles in Annex I A & C of the Directive)	Other reference documents (Reference to relevant articles in Annex I A & C of the Directive)	Other proof of conformity (Reference to relevant articles in Annex I A & C of the Directive)	Specify the harmonised ¹ standards or other reference documents used (with year of publication like 'EN ISO 8666:2002')
	Tick only one box per line				All lines right of ticked boxes must be filled in	
General requirements (2)						
Principal data – main dimensions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8666:2002
Watercraft Identification Number – WIN (2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10087:2006
Watercraft Builder's Plate (2.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14945
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15085
Visibility from the main steering position (2.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11591
Owner's manual (2.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10240
Integrity and structural requirements (3)						
Structure (3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12215-1, 12215-4
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Buoyancy and flotation (3.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Openings in hull, deck and superstructure (3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9093,9094-1,1312216
Flooding (3.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185,-
Liferaft stowage (3.7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Escape (3.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Handling characteristics (4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6185-3
Engines and engine spaces (5.1)						
Inboard engine (5.1.1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation (5.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Exposed parts (5.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Outboard engine starting (5.1.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11547
Fuel system (5.2)						
General – fuel system (5.2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7840,9094
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10088,16147
Electrical systems (5.3)						
Steering systems (5.4)						
General – steering system (5.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8848,10592,13929,28847,28848
Emergency arrangements (5.4.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gas systems (5.5)						
Fire protection (5.6)						
General – fire protection (5.6.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9094-1
Fire-fighting equipment (5.6.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Navigation lights, shapes and sound signals (5.7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KVR
Discharge prevention (5.8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8099
Annex I B – Exhaust Emissions ³						
Annex I C – Noise Emissions ⁴						
Noise emissions level (I, C.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Owner's manual (I, C.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

¹ Such as non-harmonised standards, rules, regulations, guidelines, etc.

² Standards published in EU Official Journal

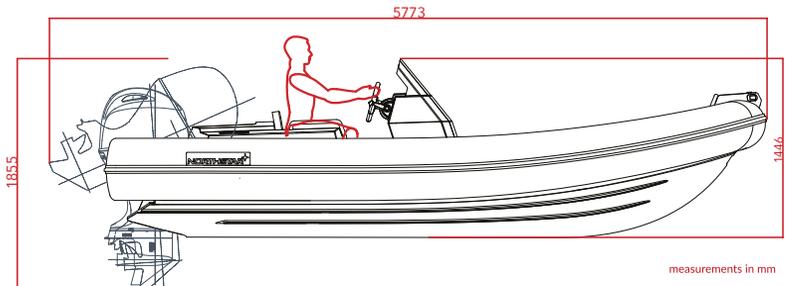
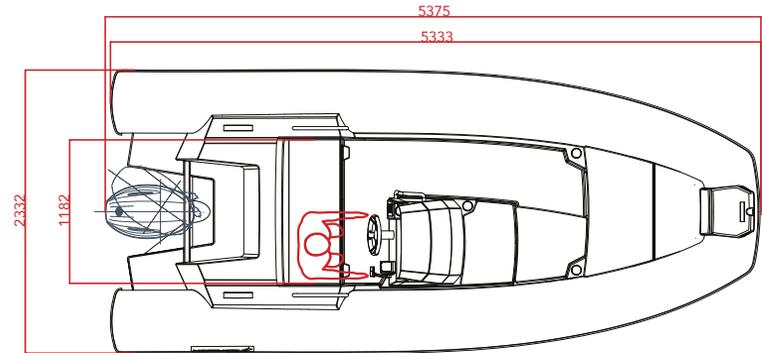
³ See Declaration of Conformity of engine manufacturer

⁴ Only to be completed for boats with inboard engines or sterndrive engines without integral exhaust

NORTHSTAR AXIS 5.3

Specifications

Length	535 cm. / 17'5"
Beam	233 cm. / 7'8"
Weight	495 kg. / 1092 lbs
Tube Diameter	0.48 m. / 18.9"
Suggested Tube Pressure	0.18 bar / 2.6 psi
No. of Chambers	4
Maximum Persons	9
Minimum Power	70 HP
Maximum Power	115 HP
Recommended Power	90 HP
Shaft Length	L
Fuel Tank Capacity	62 lt. / 16.4 US Gal
Design Category	CE - Cat. C



measurements in mm

4. BOAT IDENTIFICATION, EQUIPMENT AND FEATURES

4.1. FRP SECTION

4.1.A. CONSTRUCTION

Northstar AXIS Tender fiberglass sections are made of polyester resin with fiberglass layers by hand lay up and/or vacuum infusion methods. The boat is manufactured using a combination of bi-directional glass fabric and bi-axial fabric type glass fiber. The hull is reinforced with longitudinal and transverse reinforcement elements. The areas between the hull reinforcements are filled with closed cell polyurethane.

The deck is solid laminate using a combination of bi-directional cloth glass, core-mat, honeycomb, and some chopped strand mat. Non-slip deck texture is built into the molding.

4.1.B. DECK FITTINGS AND CONSOLE FEATURES

There is anchor storage at the bow of the boat.

Lids can be lifted by integrated handles on them after the latches are opened.

In all AXIS tenders, aft seat lid opens to the rear storage area. In AXIS 4.2, AXIS 4.8, and AXIS 5.3, this storage area contains the battery, ladder and fuel-water separator and the 360° light (under the lid). In AXIS 3.1, AXIS 3.4, and AXIS 3.8 battery is located under the seat port side of the console.

In all AXIS models, engine wells are self-draining, the decks are self-drained underway. For draining the deck, remove the expansion plug(s) located at the bottom of the aft seat and drive your boat right below the planning speed for water to be discharged. Replace the expansion plug.



A small amount of water may remain on the sides of the tube which may flow forward during deceleration.



Some accessories on the console may vary depending on the model and hardware.

4.2. INFLATABLE TUBES

4.2.A. TUBES

The tubes of Northstar AXIS Tenders are manufactured using Hypalon (CSM) fabric.

The boat has inflation chambers around the hull. Under normal circumstances, slight overpressure can be used, however, the boat should never be used while the tubes are underinflated.

CAUTION

Although the inflatable tubes of Northstar AXIS Tenders are tested by over-pressurization and will withstand up to 30 % pressure rises due to temperature differences, it is important to check the pressure of the compartments at regular intervals and adjust them to a maximum of 180 mbar (2.6 psi) to prevent premature wear of the tubes.

CAUTION

Especially in summer when the air temperature is high, tubes should be brought to working pressures during the hottest hours of the day. In this way, overpressurization of tubes due to sun's heat can be prevented.

4.2.B. INFLATION / DEFLATION

Inflation

Inflate the tubes to 60-70 % of the recommended maximum pressure in the following order – pre-inflation:

1. Port aft chamber
2. Starboard aft chamber
3. Port front chamber
4. Starboard front chamber

In AXIS 3.1, AXIS 3.4 and AXIS 3.8, there are only 3 chambers on the tube. On these models the pre-inflation order should be as follows:

1. Port aft chamber
2. Starboard aft chamber
3. Bow Chamber

Then, fill the chambers to the recommended pressure in the same order.

WARNING

Do not inflate a single section fully before pre-inflating other chambers first.

Deflation

Deflate the tubes to 25 – 35 % of the recommended pressure in the reverse of the inflation order (starting from bow chamber) – predeflation.

Then you can deflate all of the remaining air.

DANGER

The tube is slippery, especially when wet. Stepping on the tube can be dangerous in these situations. Handles are available on the tube for safety.

WARNING

Do not deflate a single section fully before pre-deflating other chambers first.

Then, winch the boat onto the trailer and secure it. Finally, drive the trailer with boat aboard carefully out of the ramp to a designated parking area for cleanup, reloading, and an equipment safety check. Practice will make launch and retrieval a simple procedure. The best advice is to retrieve your AXIS Tender cautiously with safety as your primary concern.

Storage of the Trailer

Since your Northstar AXIS Tender may be sitting on its trailer for quite some time before it is used again, it is important to store the trailer properly. To remove weight from the wheels, put cinderblocks or wood beams under the tongue and all four corners of the trailer frame.

13. WARRANTY TERMS

NORTHSTAR warrants to the original retail purchaser of this boat that it will, at its sole option, offer warranty as described hereunder;

13.1. GENERAL WARRANTY

NORTHSTAR boats are warranted to the original purchaser to be free of defects in materials or workmanship for a period of two (2) years from the date of delivery, subject to all limitations and conditions contained herein.



Limitations apply for commercial use/rental operations. Severe duty craft are not warranted by NORTHSTAR. Light duty commercial users may be entitled to a limited 1 year warranty. (Please contact Northstar or your dealer if in doubt)

13.2. STRUCTURAL HULL WARRANTY

Repair or replace the fiberglass hull if it is found to be structurally defective in material or workmanship for a period of five (5) years from the date of purchase. For this warranty, the hull is defined as the single fiberglass casting, which rests on the water and the upper deck molding connected to it. This warranty is subject to all limitations and conditions explained below.



13.3. TUBE WARRANTY

NORTHSTAR warrants to the original retail purchaser of this boat that it will at its sole option, repair or replace the Neoprene / Hypalon tube if it is found to be defective in material or workmanship for a period of two (2) years from the date of purchase.



Northstar further warrants its tube fabric and tube seams to hold air (per ISO 6185) to perform for a period of 5 years. This warranty is subject to all limitations and conditions explained below. The "air tightness" guarantee period according to ISO 6185, accepts the pressure change of max 20% in 24 hours.

Tube warranty period to hold air will commence after a maximum period of 1 year from the Bill of Lading date of the boat even if it remains in dealer inventory.

13.4. EXTERIOR FINISH WARRANTY

NORTHSTAR warrants its exterior gelcoat finish to be free from cosmetic defects, including blisters, cracks, or crazing for a period of one (1) year from the date of delivery to the original retail purchaser, subject to all limitations and conditions contained herein. Powdercoatings are warranted for 2 years provided they be washed with fresh water after each salt water use. Even the smallest of damages on the powdercoating must be repaired at once.

13.5. CUSTOMER OBLIGATIONS

The following procedures and customer obligations are conditions precedent to the availability of any benefits under warranty terms:

- Warranty coverage is available only to customers who purchased from an Authorized NORTHSTAR Dealer.
- Routine and timely maintenance and proper upkeep as outlined in the Owners Manual is the responsibility of the owner and is necessary to obtain warranty coverage.
- All warranty work is to be carried out at NORTHSTAR factory, authorized services or authorized distributors of NORTHSTAR. After it has been established that there is a valid claim under this warranty, NORTHSTAR will authorize, in writing, repairs to be made. Transportation or any other haul out or handling expenses to and from the repair facility will not be covered by this warranty and is the responsibility of the boat owner.
- The purchaser must give the dealer from whom the boat was purchased written notice of any claim under this warranty period and within a reasonable period of time (not to exceed thirty (30) days) after the defect is or should have been discovered. NORTHSTAR will not repair any condition or replace any part if a claim is not made on time.
- NORTHSTAR will not repair any condition or replace any part if the use of the boat is continued after the defect is or should have been discovered; such continued use causes other or additional damage to the boat or parts of the boat.

- Only the dealer should write or call the "warrantor", NORTHSTAR.
- NORTHSTAR will then determine whether the claim is covered by this warranty and will advise the dealer.
- The dealer will contact the NORTHSTAR Boat owner regarding instructions for delivery of boat or part for warranty repair if it is covered under warranty.

13.6. WARRANTY EXCEPTIONS

NORTHSTAR warranty does not cover the following:

- If the Hull Identification Number (HIN) molded to the transom is changed, defaced, or tampered with in any way.
- Engines, metal plating or finishes, windshield breakage, leakage, fading and deterioration of paints, canvas, upholstery, and fabrics;
- Gelcoat surfaces including, but not limited to, cracking, crazing, discoloration or blistering beyond the one (1) year warranty period;
- Routine maintenance items, adjustments, normal wear and tear, puncture, discoloration, oxidation, abrasion, mildew. Wear and tear items include but not limited to rubbing strakes, keel guards, and ropes.
- Accessories and items which were not part of the boat when shipped from the NORTHSTAR factory, and/or any damage caused thereby;
- Damage caused by misuse, accident, galvanic corrosion, negligence, lack of proper maintenance, theft, environmental corrosion, acid rain, chemical fallout, bird lime, tree sap, hail, extreme weather, mechanical shocks or improper tampering;
- Esthetical defects (stains, scratches, mold, pressure marks, dirt, deformation) on the tube surface
- Any boat used for racing, competitions, rental and commercial operations – (see 3. GENERAL WARRANTY)
- Use of the boat with improper tube inflation;
- If powdercoated surfaces are not maintained well and not rinsed after each salt water use
- Any boat operated contrary to any instructions furnished by NORTHSTAR or operated in violation of any laws, rules or regulations;
- If alterations have been made to the boat;
- If tube covers or tube sleeves are used;
- Transportation costs of the boat or parts, or any other haul out or handling expenses to and from the repair facility,
- Any published or announced catalog performance characteristics of speed, fuel, and oil consumption, and static or dynamic performance in the water;

- Any boat that has been powered beyond NORTHSTAR's power or engine weight recommendations;
- Boats damaged by accident and boats damaged while being loaded onto, transportation upon or unloaded from trailers, cradles, or other devices used to place boats in the water, remove boats from water or store or transport boats on or over land;
- Costs or charges derived from inconveniences or loss of use, commercial or monetary loss due to time loss and any other special, incidental or consequential damage of any kind or nature;
- Improper use, in particular negligent use, or rash use, misuse, or abnormal use;
- Use of damaging chemicals in cleaning, use of abrasives
- Accident or catastrophe such as but not limited to explosion, fire, flood, storm, lightning, transport, riot, theft, earthquake and collision;
- Unsuitable storage or transportation conditions including but not limited to storing in an environment suitable for mildew growth, storing wet, fouled, unprotected, overinflated, under freezing temperatures, under extremely hot conditions, unventilated conditions, transporting or storing hull unevenly supported.
- Any repair or replacement of parts covered by this warranty will not extend the life of this warranty or any downtime period for repairs will not be added to the warranty period.

13.7. TRANSFER OF WARRANTY

This warranty automatically transfers to subsequent owners within the warranty period offered to the original purchaser. Warranty will not be transferred on any commercially operated craft.

NORTHSTAR
AXIS
TENDERS



13.8. GENERAL PROVISIONS

ALL GENERAL, SPECIAL, INDIRECT, INCIDENTAL, AND/OR CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM THIS WARRANTY.

The owner's sole remedy is the repair or replacement of the vessel or it's allegedly defective parts and that no other legal or equitable remedies shall be available to the owner. Some countries do not allow the exclusion of incidental or consequential damages, so the foregoing may not apply to you. NORTHSTAR MAKES NO WARRANTY, OTHER THAN CONTAINED HEREIN; ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARISING IN COUNTRY LAWS IS LIMITED TO THE PERIOD OF THIS WARRANTY. ALL OBLIGATIONS OF NORTHSTAR SPECIFICALLY SET FORTH HEREIN. NORTHSTAR DOES NOT AUTHORIZE ANY PERSON OR DEALER TO ASSUME ANY LIABILITY IN CONNECTION WITH NORTHSTAR BOATS. NORTHSTAR's obligation concerning this warranty is limited to making repairs to or replacing the defective parts, and no claim for breach of warranty shall be cause for cancellation or rescission of the contract of sale or any boat manufactured by NORTHSTAR.

NORTHSTAR will discharge its obligations under this warranty as rapidly as possible, but cannot guarantee any specific completion date due to the different nature of claims that may be made and services that may be required. NORTHSTAR reserves the right to change or improve the design of its boats without obligation to modify any boat previously manufactured. This warranty gives you specific legal rights, and you may also have other rights which may vary from country to country.

NORTHSTAR shall in no way be responsible for any repairs, not PRE-AUTHORIZED by NORTHSTAR, in writing, or repairs performed by a repair facility, not PRE-AUTHORIZED.

Thank you for choosing a NORTHSTAR RIB.



NORTHSTAR

NORTHSTAR

RIBTECH DENİZ ARAÇLARI ÜRETİMİ A.S.

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ISO 9001
ISO 14001
ISO 10002
OHSAS 18001
BUREAU VERITAS
Certification

