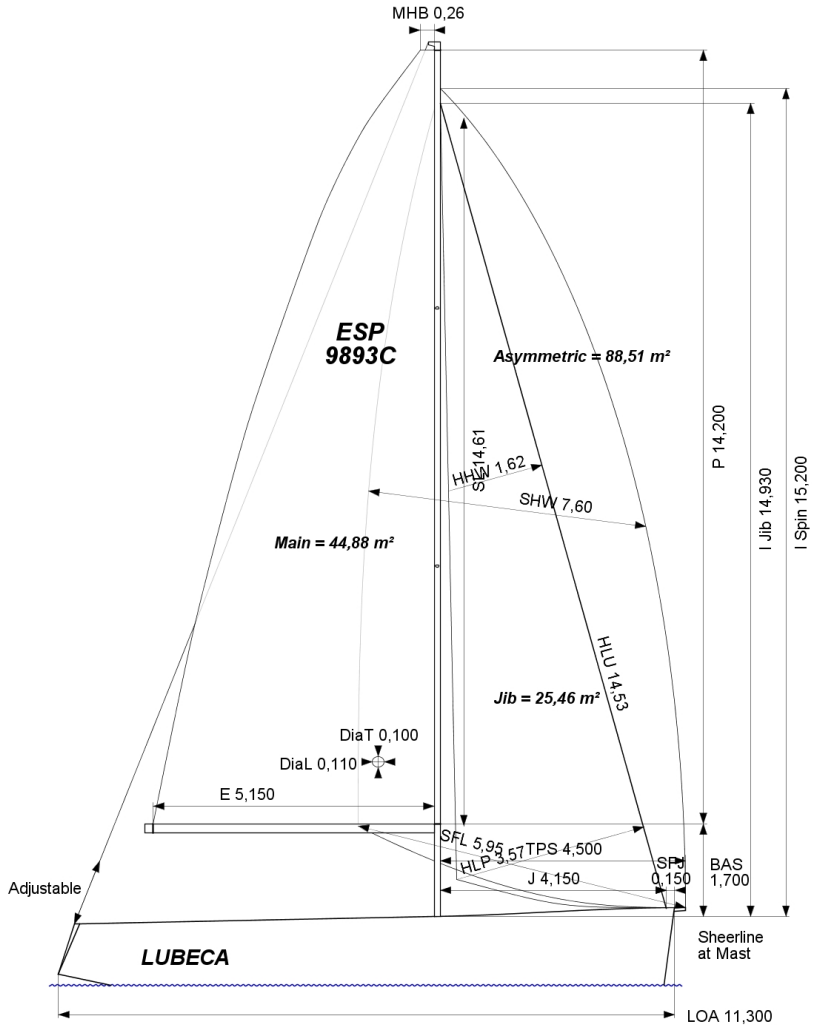

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Certificate

Number **989301**
Issued On **09/03/2019**
ORC Ref **ESP00003223**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default	735kg
Maximum	**420kg**
Minimum*	**315kg**

*when applied by the NoR and SI

Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	**642.1**	**0.9344**
Double H.OSN	**621.8**	**0.9650**
Non Spin GPH	**676.6**	**0.8868**
Non Spin OSN	**653.2**	**0.9185**

Sails Limitations

Headsails **5** Spinnakers **3**
Dacron Sails
Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes** **88.51**
Flying H/S: **No**
Spin. Pole: **No**

Class Division Length

CDL = **9.293**

Stability (Estimated)

Limit Positive Stab.: **133.7°**
Stability Index: **134.5**

Owner

BOAT

Name **LUBECA**
Sail Nr **ESP-9893_C**

GPH

639.7

CLASS

Class	**HANSE 370 E**
Designer	**JUDEL/VROLIJK**
Builder	**HANSE**
Series	**01/2004**
Age Date	**01/2008**
Age Allowance	**0.487%**

COMMENTS

MEDIDAS RI

HULL

Data File	**E9893_C**	LOA	**11.300m**
Offset File	**HANS370E.OFF**	MB	**3.750m**
Displacement	**6,385kg**	Draft	**1.973m**
IMS Division	**Cruiser/Racer**	Dynamic All.	**0.236%**
Fwd Accom.	**Yes**	Construction	**Cored**
Fiber Rigging	**No**	Aramid Core	**No**
Crew Arm Ex		Carbon Rudder	**No**
		Light Stanchions	**No**

IMSL	**10.459m**	VCGD	**-0.411m**	Sink	**22.76kg/mm**
RL	**8.127m**	VCGM	**-0.372m**	WS	**29.22m²**
LSM0	**10.470m**	Displacement/Length ratio			**5.5632**

Water Ballast **0** Trim Tab **No**
BLR Index **0.0000**

PROPELLER

Installation	**Strut**	PRD	**0.400**
Type	**Solid 2 blades**	PIPA	**0.0166**

CENTERBOARD

N/A

SCORING OPTIONS

	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	**619.5**			**699.1**		
Time on Time	**0.9686**			**0.9655**		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	**754.9**	**561.1**	**489.4**	**987.3**	**706.1**	**598.6**
Time on Time	**0.8941**	**1.2030**	**1.3791**	**0.6837**	**0.9559**	**1.1276**

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