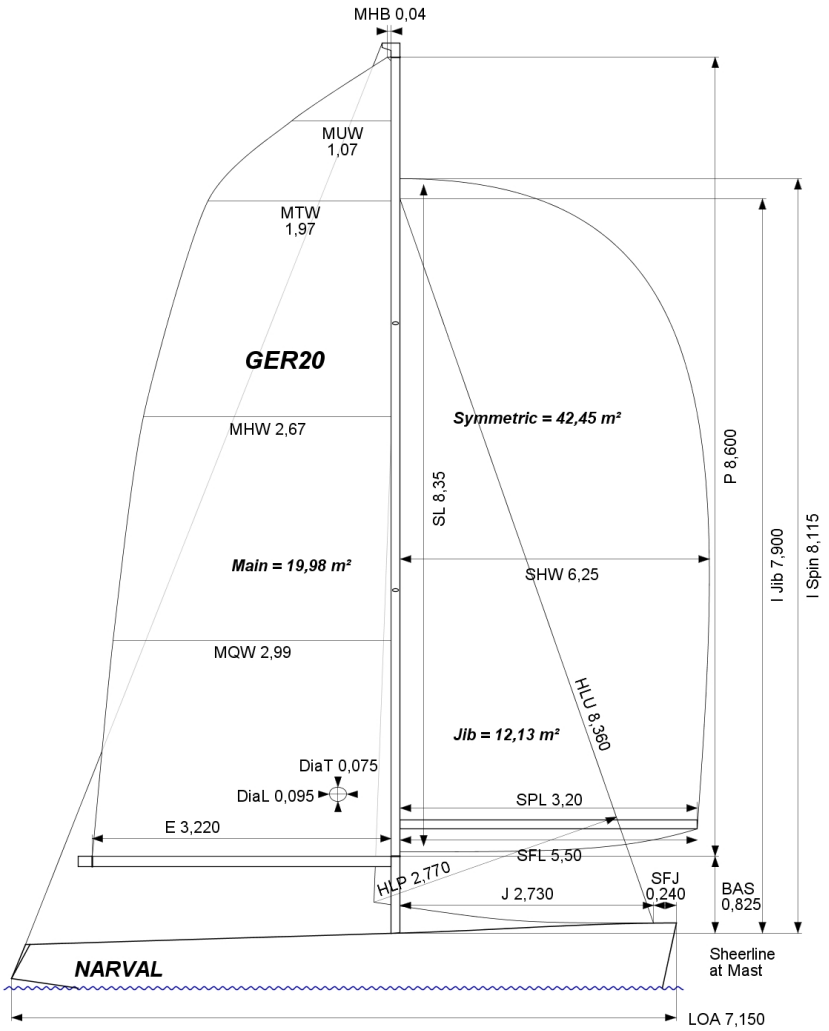


ORC
World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

Offshore Racing Congress

Invalid for Racing

ORC
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Certificate

Number **GER20**
Issued On **03/04/2016**
ORC Ref **CLU00019103**
VPP Ver. **2016 1.01**
Valid until **31/12/2016**

Crew Weight

Declared	**250kg**
Default*	**355kg**
Non Manual Pwr	**No**

Special Scoring

	ToD	ToT
Double H.GPH	**650.0**	**0.9230**
Double H.OSN	**634.7**	**0.9453**
Non Spin GPH	**668.1**	**0.8981**
Non Spin OSN	**649.8**	**0.9233**
N/S Perf. Line	**-23.7**	**0.546**

Sails Limitations

Headsails **6** Spinnakers **3**

Spinnaker configuration

Symmetric:	**Yes** **42.45**
Asymmetric:	**No**
Flying H/S:	**No**
Spin. Pole:	**Yes**

Class Division Length

CDL = **6.971**

Stability

LPS (Estimated):	**101.4°**
Stability Index:	**92.4**
OSR Category:	**N/A**

Owner

BOAT

Name **NARVAL**
Sail Nr **GER20**

GPH

634.7

CLASS

Class	**STREAMLINE**
Designer	**JUDEL/VROLIJK**
Builder	**MADER**
Series	**01/2000**
Age Date	**01/2000**
Age Allowance	**0.487%**

COMMENTS

COMITATO TECNICO DEL LARIO 2015

PROPELLER

Type **No Propeller**

HULL

Data File	**GER20.dxt**	LOA	**7.150m**
Offset File	**CBSTREAM.OFF**	MB	**2.562m**
Displacement	**626kg**	Draft	**1.561m**
IMS Division	**Sportboat**	Dynamic All.	**0.001%**
Fwd Accom.	**No**	Construction	**Cored**
Fiber Rigging	**No**	Aramid Core	**No**
Crew Arm Ex	**1.00**	Carbon Rudder	**No**
		Light Stanchions	**No**

IMSL	**6.543m**	VCGD	**-0.131m**	Sink	**6.97kg/mm**
RL	**7.397m**	VCGM	**-0.092m**	WS	**8.98m²**
LSM0	**6.287m**	Displacement/Length ratio			**2.5191**

Water Ballast **0** Trim Tab **No**

CENTERBOARD

N/A

SCORING OPTIONS

	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	**616.2**			**705.2**		
Time On Time	**0.9736**			**0.9572**		
	PLT		PLD	PLT		PLD
Performance Line	**0.597**		**-10.9**	**0.868**		**239.2**
	Low	Medium	High	Low	Medium	High
Triple Number	**0.9186**	**1.1944**	**1.4241**	**0.7098**	**0.9449**	**1.1282**

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