



**ORC**

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**2019  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **112XP4**  
Issued On **20/05/2019**  
ORC Ref **SWE20190205**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 910kg  
Maximum **850kg**  
Minimum\* **638kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>562.3</b>	<b>1.0671</b>
Double H.OSN	<b>548.3</b>	<b>1.0944</b>
Non Spin GPH	<b>592.1</b>	<b>1.0133</b>
Non Spin OSN	<b>576.3</b>	<b>1.0411</b>

**Sails Limitations**

Headsails **6** Spinnakers **4**

**Asymmetric on centerline**

**Spinnaker configuration**  
Symmetric: **No**  
Asymmetric: **Yes 168.36**  
Flying H/S: **No**  
Spin. Pole: **No**

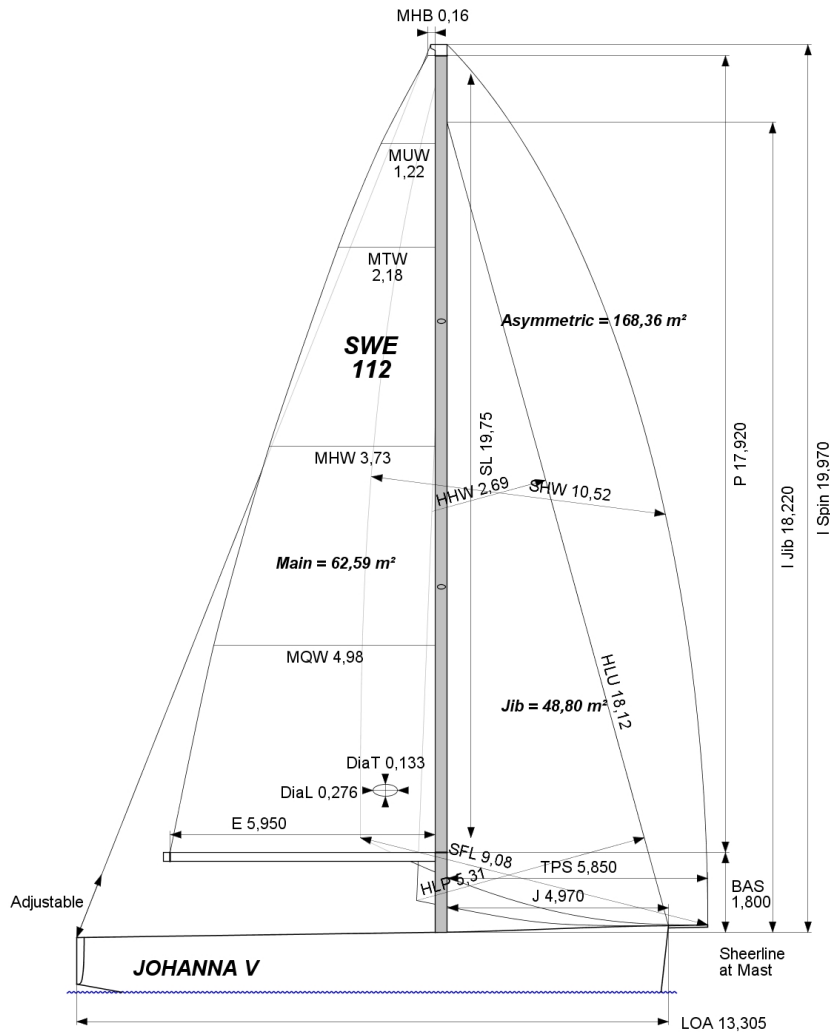
**Class Division Length**

**CDL = 11.544**

**Stability (Estimated)**

Limit Positive Stab.: **129.7°**  
Stability Index: **134.8**

**Owner**



BOAT		GPH	HULL			
Name <b>Johanna V</b> Sail Nr <b>SWE 112</b>		<b>554.6</b>	Data File <b>SWE112_XP44-</b>	LOA <b>13.305m</b>		
			Offset File <b>xp44sd.off</b>	MB <b>4.054m</b>		
			Displacement <b>9,577kg</b>	Draft <b>2.347m</b>		
<b>CLASS</b>			IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.106%</b>		
Class <b>XP-44</b>			Fwd Accom. <b>Yes</b>	Construction <b>Cored</b>		
Designer <b>X-Yachts design</b>			Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
Builder <b>X-Yachts</b>			Crew Arm Ex	Carbon Rudder <b>No</b>		
Series <b>01/2018</b>				Light Stanchions <b>No</b>		
Age Date <b>01/2018</b>			IMSL <b>12.365m</b>	VCGD <b>-0.196m</b>	Sink <b>27.46kg/mm</b>	
Age Allowance <b>0.033%</b>			RL <b>10.720m</b>	VCGM <b>-0.181m</b>	WS <b>37.06m²</b>	
<b>COMMENTS</b>			LSM0 <b>12.158m</b>	Displacement/Length ratio <b>5.3290</b>		
			Water Ballast <b>0</b>	Trim Tab <b>No</b>		
			BLR Index <b>0.0000</b>			
<b>PROPELLER</b>			<b>CENTERBOARD</b>			
Installation <b>Strut</b>	PRD <b>0.432</b>	<b>NA</b>				
Type <b>Folding 3 blades</b>	PBW <b>0.114</b>					
	PIPA <b>0.0041</b>					
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>539.7</b>			<b>608.5</b>		
Time on Time	<b>1.1116</b>			<b>1.1093</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>634.3</b>	<b>490.9</b>	<b>441.0</b>	<b>823.3</b>	<b>609.3</b>	<b>536.6</b>
Time on Time	<b>1.0641</b>	<b>1.3750</b>	<b>1.5307</b>	<b>0.8199</b>	<b>1.1078</b>	<b>1.2579</b>