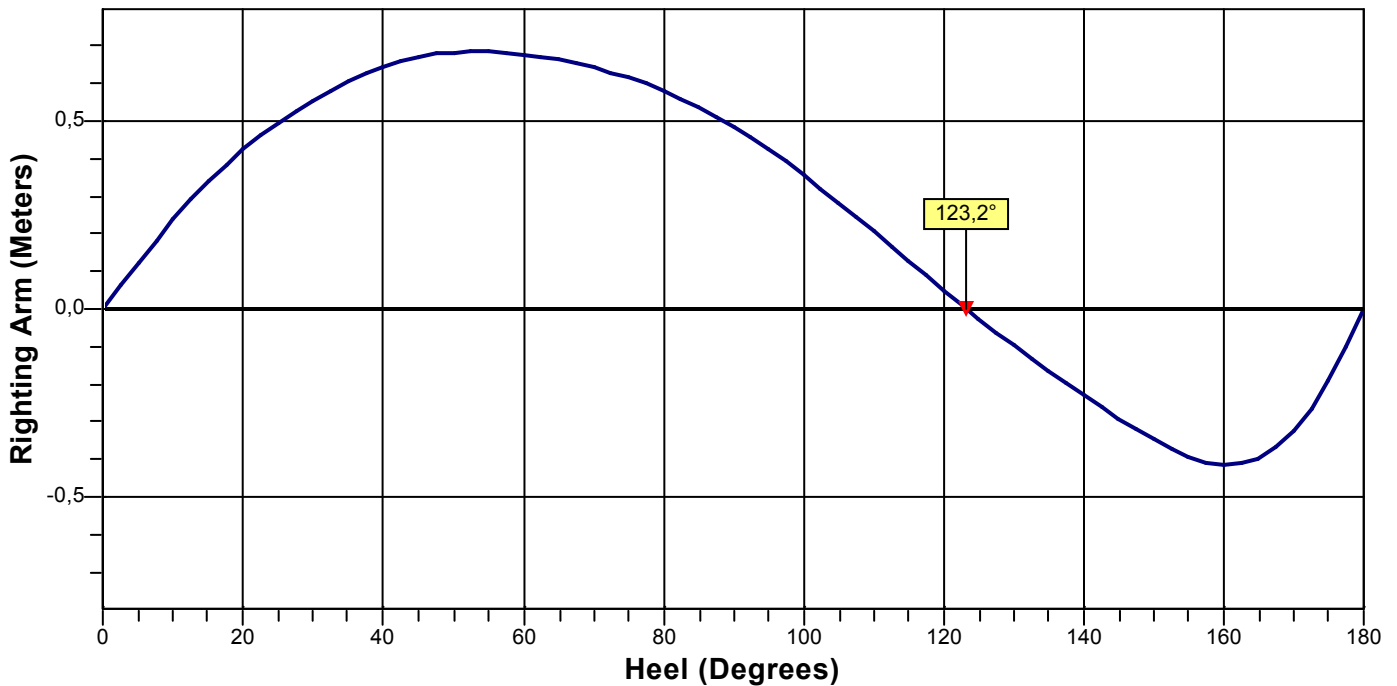




World Leader in Rating Technology

# STABILITY AND HYDROSTATICS DATASHEET

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STABILITY CURVE														
Righting Moment at 1°	<b>191,7</b>	Stability Curve Positive Area	<b>25,321</b>	Stability Curve Ratio	<b>3,8047</b>	Stability Index	<b>126,8</b>							
Limit of positive stability	<b>123,2°</b>	Stability Curve Negative Area	<b>6,655</b>	Water Ballast Volume	<b>0 l</b>	BLR Index	<b>0,0000</b>							
Righting Arm (meters)														
		0°	2°	10°	20°	25°	30°	40°	60°	90°	120°	150°	165°	180°
Default Crew Weight	<b>818 kg</b>	0,000	0,049	0,238	0,426	0,498	0,556	0,648	0,679	0,487	0,049	-0,347	-0,399	0,000
Declared Crew Weight	<b>755 kg</b>	0,000	0,049	0,235	0,422	0,492	0,550	0,639	0,667	0,473	0,038	-0,353	-0,402	0,000

BOAT	
Name	<b>BUSYBODY</b>
Sail Number	<b>FIN-19</b>
Class	<b>X-41</b>
Designer	<b>JEPPESEN</b>
Builder	<b>X-YACHTS</b>
Age Date	<b>06.2007</b>
Measured	<b>10.05.2008</b>
Measurer	<b>KALL</b>
Issued On	<b>10.2.2009 - VPP 1.00</b>

FLOTATION (MEASUREMENT TRIM)	
Forward Freeboard at 0,200 m	<b>1,434 m</b>
Freeboard at mast at 5,220 m	<b>1,207 m</b>
Aft Freeboard at 11,995 m	<b>1,089 m</b>
Overhang Forward	<b>0,542 m</b>
Overhang Aft	<b>1,002 m</b>
Length Waterline	<b>10,806 m</b>

CONFORMITY WITH LIMITS	
ORC International Certificate LPS > 103°:	<b>Yes</b>
Offshore Special Regulations Category:	<b>0</b>

HULL CHARACTERISTICS (MEASUREMENT TRIM)	
Length Overall	<b>12,350 m</b>
Maximum Beam	<b>3,637 m</b>
Maximum Beam Station	<b>8,278 m</b>
Draft	<b>2,500 m</b>
Maximum Draft Station	<b>6,337 m</b>
Moment Unit Trim	<b>11,7 kg•m/m m</b>
Displacement Unit Immersion	<b>23,07 kg/m m</b>
Block Coefficient	<b>0,4027</b>
Prismatic Coefficient	<b>0,5386</b>

HYDROSTATIC DATA		
Trim	Measurement	Sailing
Displacement	<b>6 917 kg</b>	<b>8 025 kg</b>
Wetted Area	<b>30,80 m<sup>2</sup></b>	<b>32,62 m<sup>2</sup></b>
Water Plane Area	<b>22,15 m<sup>2</sup></b>	<b>23,40 m<sup>2</sup></b>
Water Plane Beam	<b>3,070 m</b>	<b>3,132 m</b>
Longitudinal Centre of Flotation	<b>6,917 m</b>	<b>7,048 m</b>
Longitudinal Centre of Buoyancy	<b>6,702 m</b>	<b>6,816 m</b>
Vertical Centre of Gravity	<b>-0,067 m</b>	<b>0,075 m</b>
Max. Section Area	<b>1,37 m<sup>2</sup></b>	<b>1,50 m<sup>2</sup></b>
Max. Section Area Station	<b>6,429 m</b>	<b>6,429 m</b>
Sail Area Upwind	<b>95,43 m<sup>2</sup></b>	
Sail Plan Centre of Effort Height	<b>8,280 m</b>	