

Once completed please e-mail to info@rotorswing.com rotorswing.com

Rotorswing will calculate a recommended system specification based on the vessel data provided in this form, if any information is found to be incorrect or changes during the course of the project please inform Rotorswing immediately as this may affect system specification and performance.

Project Contact Details

Name: <input type="text"/>	Phone: <input type="text"/>	Vessel Type: <input type="text"/>
Position: <input type="text"/>	Email: <input type="text"/>	Application: <input type="text"/>

Vessel Data

Length Overall (m): <input type="text"/>	Hull Material: <input type="text"/>	Builder: <input type="text"/>
Length at Waterline (m): <input type="text"/>	Hull Type: <input type="text"/>	Model: <input type="text"/>
Beam at Waterline (m): <input type="text"/>	Chine Type: <input type="text"/>	Hull Number: <input type="text"/>
Cruise Speed (knots): <input type="text"/>	Onboard Power:* <input type="text"/>	Ship Name: <input type="text"/>
Max Speed (knots): <input type="text"/>	Survey Authority: <input type="text"/>	IMO Number: <input type="text"/>
Idle Speed (knots): <input type="text"/>	<i>*Please indicate onboard power availability i.e. AC, DC or both and the specification i.e. 110V, 230V etc. Rotorswing systems require 230V AC 50 Hz taken directly from the ships generator or DC to AC Inverter.</i>	

Natural Stability Data - *Please complete the following data for vessel's FULL LOAD condition including atleast one of the fields marked ***

Displacement (t):	<input type="text"/>
Draft (m):	<input type="text"/>
GM (m):**	<input type="text"/>
Roll Period (secs):**	<input type="text"/>

***Rotorswing's calculations require either one of these figures to make an accurate calculation of the ships Natural Stability. The vessels GM will be included in the Ships' Stability Booklet if onboard or from the vessels original Builder/Naval Architect. The Ships' Roll Period can be timed at sea or at the dockside. In the event that neither of the figures are readily available please contact Rotorswing for further information on a dockside or sea trial test that can be easily performed in order to estimate the vessels' Roll Period.*

Customer Stabilisation Performance Expectations

Please indicate an expected level of stabilisation performance in terms of a percentage of Roll Angle Reduction in the following two scenarios -

(1) AtZeroSpeed (0 to 3 knots) in seas up to 0.5m in wave height

(2) AtCruiseSpeeds (3 to 16 knots) in seas up to 1m in wave height

Note - RotorSwing performance estimations are analyzed for a theoretical "resonant" wave pattern. This data is used for guideline estimations on performance and are noncontractual. 100% accurate testing at sea is not possible in real life sea conditions due to the variables of waves and wind.

(1) AtZeroSpeed (%): <input type="text"/>	Performance requirements notes:	<input type="text"/>
(2) AtCruiseSpeed (%): <input type="text"/>		