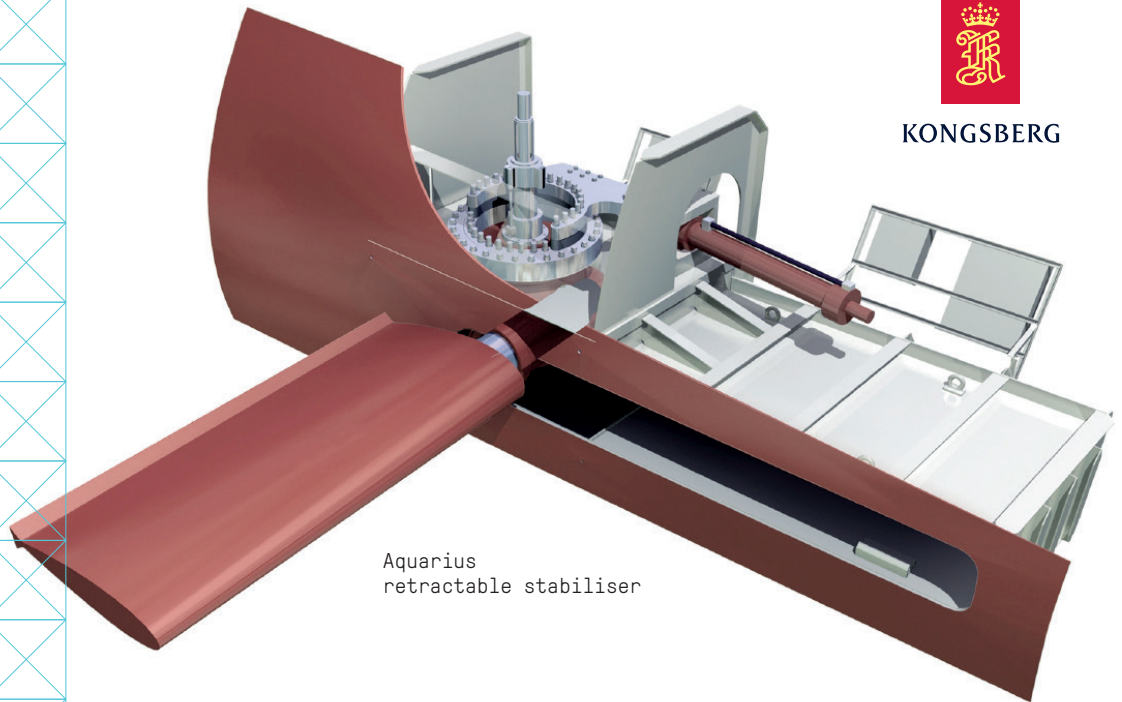


AQUARIUS RETRACTABLE-FIN STABILISER



KONGSBERG



Aquarius
retractable stabiliser

KONGSBERG STABILISERS

For a range of commercial and naval applications

FEATURES

- Simple no maintenance fin profile, reducing through life cost to owner
- Suitable for ice class vessels (optional)
- For Naval applications meets defined military standards for noise, shock and vibration (optional)

FIN

- One piece construction

HYDRAULIC POWER UNIT

- Complete assembled unit including all components for ease of installation
- Low noise and vibration

KONGSBERG produce a wide range of stabilisers. The Aquarius retractable-fin stabiliser is suitable for a range of vessels including large motor yachts, smaller commercial vessels such as small cruise ships, passenger ferries, as well as naval, coastguard and fisheries protection vessels.

High performance roll damping

KONGSBERG Aquarius retractable fin stabilisers are designed for high performance roll damping whilst offering low weight and high reliability coupled with low maintenance.

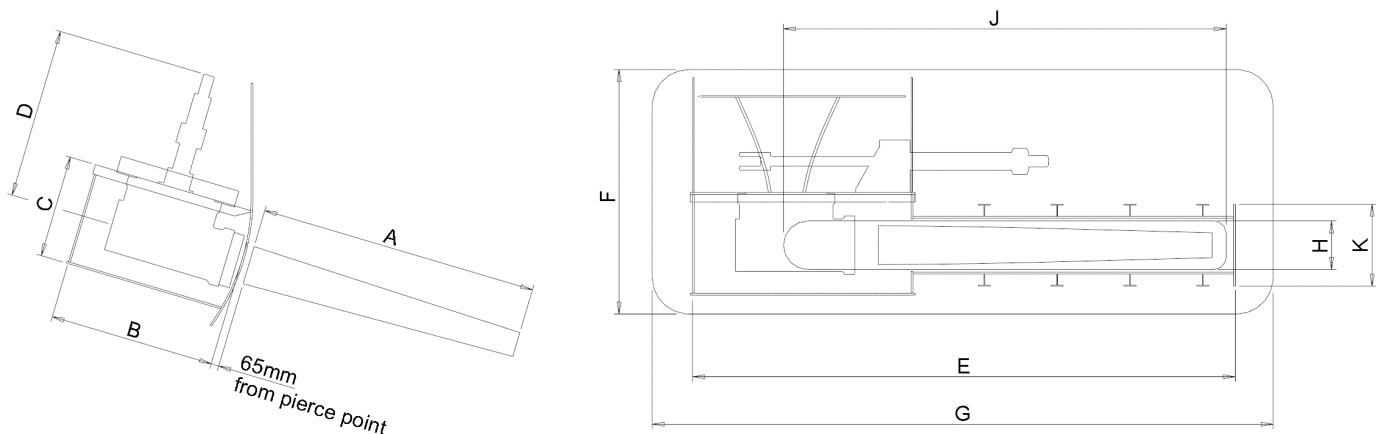
Controls

The PLC based control system offers robust and reliable technology with simple operating interfaces and extremely comprehensive maintenance and diagnostic information through touch screens. With control positions available at the bridge, engine control room and local to the fins, the system offers considerable operational features and facilities for interfacing with other ship systems.

Main features of the control system are:

- PLC based
- Improved local control and redundancy features
- A compact and rugged design
- System tested in line with EMC requirements
- Configurable to operator's requirements
- Eco Controls

Sectioned view of the Aquarius stabiliser



TECHNICAL DATA

Model	Fin area (m²)	A	B min	C	D	E min	F	G min	H	J	K	Approx weight /ship set (kg)
25	1.06	1.26				2.59		3.19		1.92		11 700
	1.41	1.68	1.08	0.67	1.17	3.01	1.77	3.61	0.30	2.34	0.53	12 000
	1.76	2.10				3.43		4.03		2.76		13 300
	2.05	2.44				3.77		4.37		3.10		12 800
50	1.82	1.65				3.40		4.00		2.46		19 600
	2.42	2.20				3.95	2.20	4.55	0.40	3.01	0.68	21 000
	3.03	2.75	1.41	0.85	1.41	4.50		5.10		3.56		22 200
	3.51	3.19				4.94		5.54		4.00		23 600
	3.68	3.35				5.10		5.70		4.16		24 100
100	4.21	2.90				5.09		5.69		3.86		35 500
	4.73	3.26	1.77	1.20	1.78	5.45	2.70	6.05	0.56	4.22	0.85	37 000
	5.26	3.63				5.82		6.42		4.59		39 000
	5.78	3.99				6.18		6.78		4.95		41 500

All data subject to change without prior notice.

