

MARINE FIN STABILIZER

JQA Type Afterward Retractable Fin Stabilizer

The JQA type retractable fin stabilizer is composed of actuators, fins, fin boxes, hydraulic units, and electrical units, etc. The fins are fixed on the port and starboard bilge of the ship respectively. When the stabili...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Category      | Marine Fin Stabilizer                                          |
| Standard      | EN                                                             |
| Weight / Size | Suitable for middle and large size ships which have fat bilge. |
| Certificate   | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS                     |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

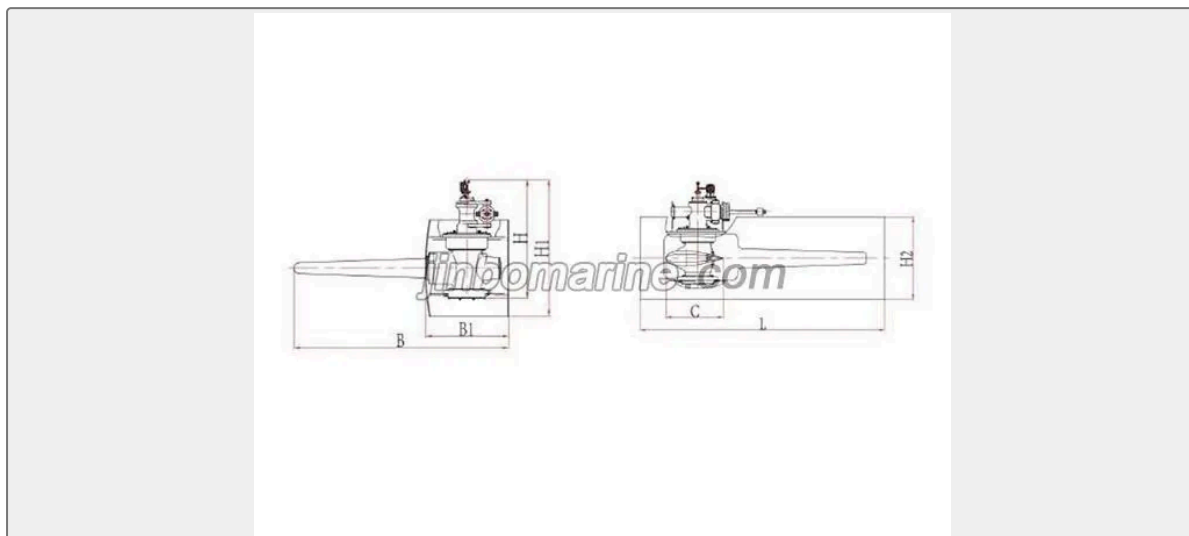
|             |                                            |               |                                                                |
|-------------|--------------------------------------------|---------------|----------------------------------------------------------------|
| Category    | Marine Fin Stabilizer                      | Model / SKU   | JQA-Type-Afterward-Retractable-Fin-Stabilizer                  |
| Standard    | EN                                         | Weight / Size | Suitable for middle and large size ships which have fat bilge. |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS | Warranty      | 12 Months unless specified otherwise                           |
| Origin      | China                                      |               |                                                                |

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## China JQA Type Afterward Retractable Fin Stabilizer:

The JQA type retractable fin stabilizer is composed of actuators, fins, fin boxes, hydraulic units, and electrical units, etc. The fins are fixed on the port and starboard bilge of the ship respectively. When the stabilizer is used, fins are spread out from the fin boxes, and when the stabilizer is not used, they are housed in the fins boxes. The fins of this type of stabilizer are housed afterward into the fin boxes.



## Characteristic

Modular design. The actuators and the outboard of the ship form a segmented hull module in order to minimize the work of installation in the shipyard.

When not used, fins housed into the fin boxes.

When the fins housed in the fin boxes, the edge of the fins can cover more openings of the fin boxes. This can reduce the drag made by the openings on the fin boxes when the ships sails under any sea condition. It can help to increase the speed.

Good reliability.

Adopt flapped fins, so they have high lift coefficient. They can increase 50% more capability of lifting compared with non-retractable fin stability with same area. The lift coefficient of flapped fins is 11% higher than fish-tailed fins. The lift coefficient of fish-tailed and flapped fins is 20% higher than fishtailed fins.

Suitable for middle and large size ships which have fat bilge.

## JQA Type Afterward Retractable Fin Stabilizer Parameter Specification

| Model      | Fin Area(m2) | Displacement(t) | State/H(1/3) (m) | Power(Kw),one pair | Weight(Ton),one pair |
|------------|--------------|-----------------|------------------|--------------------|----------------------|
| JQA-2-240  | 2            | 1800            | 5/3.5            | 37                 | 23.2                 |
| JQA-3-280  | 3            | 1800-3000       | 6/4.0            | 37                 | 28.3                 |
| JQA-4-340  | 4            | 3000-4000       | 6/4.0            | 60                 | 36.2                 |
| JQA-5-400  | 5            | 4000-5500       | 6/5.0            | 60                 | 49.6                 |
| JQA-6-460  | 6            | 5500-10000      | 6/5.0            | 60                 | 69.6                 |
| JQA-8-530  | 8            | 10000-14000     | 6/ < 6           | 90                 | 83.6                 |
| JQA-15-670 | 15           | 30000-50000     | 6/ < 6           | 150                | 125                  |