

CLASS CERTIFIED RUDDERS FOR SHIPS



Bauer und Kaufman represents decades of experience in design and production of steering rudder blades for ships. All Rudders are made of carbon steel and are fully certified by DNVGL, LRS, ABS, BV, RINA. Full Databook with all material certificates included in every delivery.

FLAP RUDDER TYPE ZEVEs

Rudder angles of +/-45 degrees and additional 45 degrees of the flap permits extreme maneuvers and dynamic positioning operations. Each ship is different and for some rudder configurations rudder angles of 65° can be applied if a benefit for maneuvering is expected. Also attractive is the improved course keeping performance and fuel saving obtained through smaller required rudder angles and smaller rudder area, compared to standard rudders.

The advantages of type zeves are:

- Optimum balance and flap area
- Minimum steering gear size
- Highest insurance against flexural vibration
- High-efficiency ratio design
- Highest safety against cyclic stresses
- Durable in heavy duty
- Easy maintenance of link and hinge system

OUR SERVICES

Design Ability:

We have a very experienced, creative, and cooperative team, which can design the whole propulsion system according to different vessels and requirements.

Material Preparation:

our purchasing dept. will choose the material from many aspects, such as cost, quality, machining, environment protection, etc.

STANDARD RUDDER TYPE POSEIDON

This type is an economical Rudder and especially suitable for the small and low-speed vessels such as Riverboats, supply vessels, tug boats, fishing boats or research vessels can take advantage of this type of rudders for their special purposes.

The advantages of type Poseidon are:

- Better covering of propeller stream
- Reduction of the remaining forward thrust
- Easy installation
- Increase of side thrust
- Smaller rudder torque
- Smaller steering gear
- Less stress of steering gear

AVAILABLE WITH CERTIFICATES FROM:



Machining & Test:

We have advanced processing equipment with responsible crews. Our factory also has strict quality control process and test skills.

After-sale Service:

You will get the after-sale service all over the world. Convenient, Fast, High Efficiency, Worldwide.