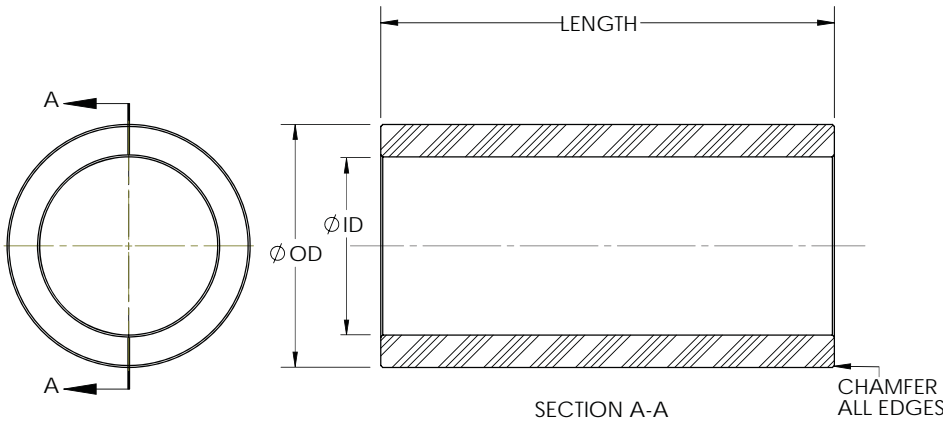


Rudder Bearing Design Worksheet

PROVIDE DETAILS IN BOX TO THE RIGHT



<p>BEARING DIMENSIONS Provide hardware dimensions below.</p> <p>Bearing ID Min _____ /Max _____</p> <p>Bearing OD Min _____ /Max _____</p> <p>BEARING LENGTH Length (required): _____</p> <p>Vessel Name: _____</p>

CIP to provide bearing calculations for interference fit.

CONTACT INFORMATION

Company _____ Name _____
Phone _____ Fax _____ E-Mail _____

HOUSING AND MATERIAL INFORMATION

Sizes are required if bearing dimensions were not provided above.

Housing Size: Min _____ Max _____ Housing Material (required): _____
Shaft Size: Min _____ Max _____ Shaft Material (required): _____
Current Bearing Material: _____

BEARING LOCATION

Upper Lower Single Twin Other _____

SYSTEM LUBRICATION

Open (submerged, open to seawater) Closed (internal water cooling system) Greased

WATER CONDITIONS *If both conditions apply, provide percent of time in each condition.*

Blue Water / _____% of Time Inland Waterway / _____% of Time

MANUFACTURING OPTIONS

Raw Material (raw tube is supplied with additional material allowance for machining)
 Semi-Finished (CIP to rough turn ID/OD and machine water grooves)
 Finished Machined (CIP to machine complete to design)

ORDER DETAILS

CIP Material: _____ Quantity Needed: _____

CIP Only:
Raw Tube: _____
Mandrel Size: _____

NOTES: