

# Same boat but different recommendation for a propeller - why?

- Different type of sailor and needs might be different.
- The engine of the boats might be a little different which can result in very different recommendations - you can not just look at the model and horsepower.
- The boats might be sold with different options that might influence the choice of propeller.
- The gear reduction ratio might be different (look at our explanation)
- The engine speed might be different

## Here is an example:

Brand	Engine	Revolution
Yanmar	3YM30	29/3600
Yanmar	3YM30AE	29/3200



Seems like the same engine by name but the revolution is different and therefore the recommendation for a propeller will be different as well

## Here is another example:

Engine	Revolution
3GM30	30/3600

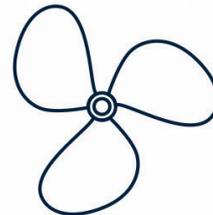
This engine might have various Gear Reduction Ratio

1: 2,36



= **Smaller** propeller

1: 3,16



= **Larger** propeller

