

# Winch Mounting Orientation

## Self-Tailing Winches

### Andersen Winches are exceptionally robust.

Bases and centre stems are manufactured from marine bronze which, together with their design dimensions and shape, provides excellent strength and resistance to buckling and deformation. Unlike other brands of winches that must be mounted in a specific orientation relative to the incoming rope in order to avoid excessive wear on components or structural failure, Andersen Winches do not require a particular mounting position to achieve their maximum working loads and holding loads in normal use.

However, there are some considerations to be aware of:

To ensure the best performance of the winch and to avoid riding turns, care should be taken to ensure a correct line entry angle as shown. Recommended line entry angle 3-8°.

The optimum position of the self-tailing arm depends on the deck layout and location of the winch. For best results it should be within the shaded areas as shown.

For winches 12ST 28ST and 34ST, the position of the self-tailing arm is fixed, so it is important to establish the proper location of the holes prior to drilling these in the deck.

On all other winch models the position of the self-tailing arm can be adjusted after installation. It is therefore not necessary to install these winches in a particular orientation, but as a general rule the output drive gear can be positioned as shown relative to the incoming rope. To identify the Output Drive Gear, insert a winch handle into the winch and rotate both directions, the drive gear will only rotate clockwise in a fast and slow speed.

