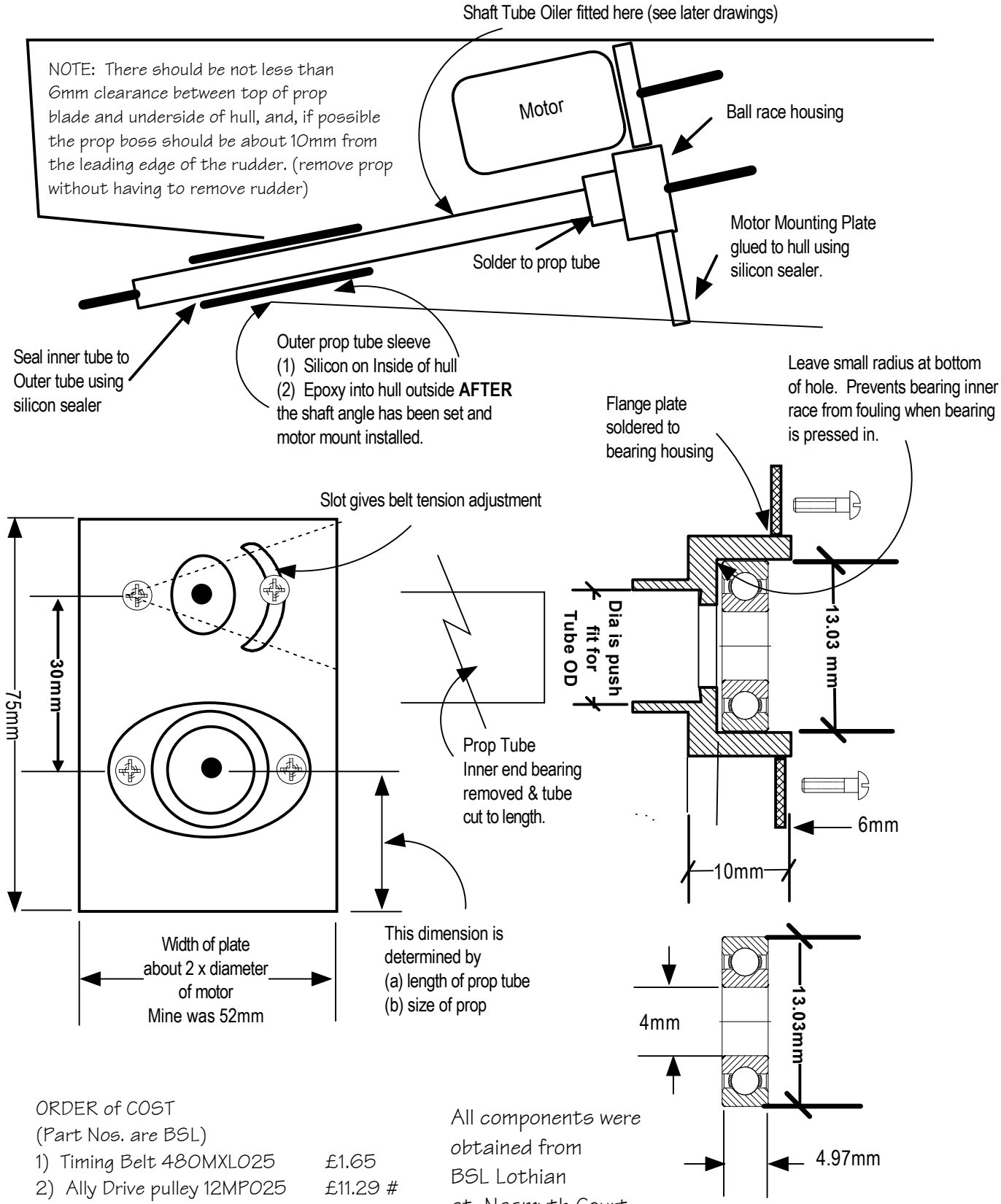
DRIVE TRAIN ASSEMBLY

In an ideal world the prop tube should be parallel to the waterline. In models this is generally not possible. However, if you have the option, you should keep as close to ideal as possible. For this reason I chose to mount the motor above the shaft and use a tooth belt drive between motor and shaft. In order to avoid undue wear on the prop shaft bearings, I also chose to fit a ball race bearing at the inner end to take the side load of the belt drive.



ORDER of COST
(Part Nos. are BSL)

1)	Timing Belt 480MXL025	£1.65
2)	Ally Drive pulley 12MP025	£11.29 #
3)	Ally Drive pulley 24MP025	£12.80 #
4)	Bearing 6242RS	£4.67 #

similar items are available at lower cost from web suppliers I am told.

All components were obtained from
BSL Lothian
at Nasmyth Court
Houston Ind. Estate
Livingston, Scotland
Tel: 01506 440999

The above setup gives a 2:1 speed reduction - I found this to be OK.
Motor currents etc. will follow when hull is 'ballasted' to correct draft.

PLEASE Note - Drawing NOT to Scale.