



example 012: rudder solution with a self-aligning PETP bottom roller bearing with a GRP outer housing. Many yards prefer this bearing as it's simple to install due to the easy bonding to the GRP outer housing and the absence of any metals is also greatly appreciated.

The sealing is done with a gaiter allowing big misalignments of shaft and bearing, with 100% watertightness and no friction. Gaiters are easy to replace in time (>5-10 years) without removing the rudder shaft like with all other sealing systems.

Please note the superb 45000Z-20 type top bearing with asymmetrical outer housing, allowing deck to rudder angles up to 21°.