

MOTOR MOUNTING FOR ALL TYPES

The connection between motor and gearbox is made using a shrink disc bush without a keyway. For maximum performance we recommend the use of motors with reduced shaft tolerance and concentricity according to DIN 42955 R standards.

When fitting the motor, position the gearbox vertically with the motor flange upwards. Before assembly, degrease the motor shaft and the blind hole in the gearbox. Remove the lock screw or two plastic plugs from the motor flange of the gearbox, and insert a long Allen key to reach the tangential clamping screw in the coupling. The coupling must first be turned to the correct position for the screw to be accessible. Lower the motor vertically with the motor shaft in the blind hole. Ensure that the motor shaft has completely entered the bore, and that the flanges of motor and gearbox are in contact with each other over their full surface. The motor flange screws can now be inserted (do not tighten them completely). Then tighten the screws of the coupling with the required tightening torque. Do this in 3 steps alternately with 20 %, 50 % and then 100 %.

The torque values for motor mounting can be found in our motor mounting manual, which is offered separately. Finish tightening the motor flange screws. After assembly, it is important to reinsert the lock screw or plastic plugs into their holes.

