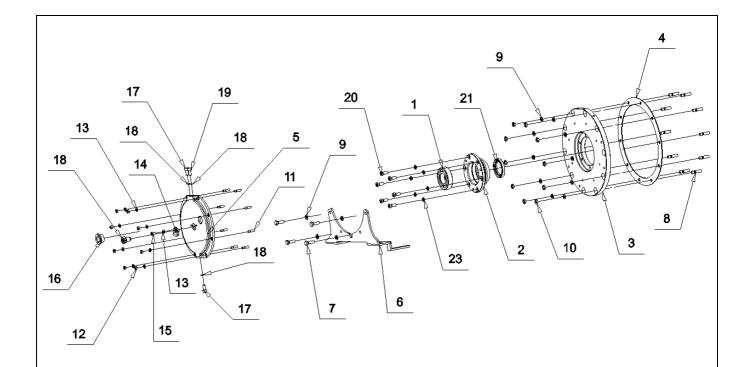


A. Replacing of the oil cooled bearing



- 1. Bearing
- 2. Bearing housing
- 3. Cover
- 4. Gasket
- 5. Oil cover
- 6. Generator bracket
- 7. Hexagon head screw
- 8. Stud bolt
- 9. Spring lock washer
- 10. Hexagon nut
- 11. Stud bolt

- 12. Hexagon nut
- 13. Spring lock washer
- 14. RSGU-clamp
- 15. Hexagon socket head cap screw
- 16. Oil level indicator
- 17. Hexagon socket head cap screw
- 18. Gasket
- 19. De-aerating valve
- 20. Hexagon socket head cap screw
- 21. Oilseal
- 23. Spring lock washer



A.1 Procedure

- 1. Drain the oil with screws (17), red marked.
- 2. Demount the oil cover (5) by loosen the eight hexagon nuts (12).
- 3. Demount the bearing housing (2) and take the bearing (1) out if the bearing housing.
- 4. Take the oilseal (21) out of the bearing housing.
- 5. Spring-clean all the parts, oilcover (5), bearing housing (2) and the bearing (1).
- 6. Lubricate the lips of the new seal with gear-oil and mount it back into the bearing housing.

!!! Please take care that the seal is mounted so far as possible into the bearing housing !!!

- 7. Check if the shaft of the rotor is clean from dirt and not damaged.
- 8. Change the o-rings of the bearing housing.
- 9. Mount the bearing housing carefully back.
- 10. Mount the bearing carefully back on the shaft into the bearing housing.

!!!IMPORTANT!!!

The bearing must be mount so far as possible into the bearing housing.

- 11. Change the o-ring of the oil cover and mount the oil cover back.
- 12. Fill the housing with gear-oil up to the half of the oil level indicator.

Specification of the gear-oil:

- SAE 80W90
- GL5
- MIL-L-2105C