

Packed Stuffing Box :

Check shaft sleeve for scoring and regrind or replace if necessary, ensuring that the sleeve diameter. Replace the packing rings.

Bearings :

Rinse the bearings with cleaning fluid (diesel) and check for excessive play or rough running. Replace if worn out.

13.3 Re-assembly :**Preliminary Work :**

- Clean pump parts.
- Always use new gaskets and “O” rings as PTFE gets expanded after tightening.

Assembly of the pump shaft :

- Heat bearings to approximately 80°C. Push them on the shaft and secure them. If heating arrangement is not available use press (Press bearing using equal force on bearing OD). Insert the assembly into the bearing cover and secure it with circlip.
- Insert the whole assembly into the bearing housing from coupling side and bolt it.
- Push new oil seal.
- Push the deflector.
- Push the coupling half on shaft.

Assembly of the Shaft Seal :**Mechanical Seal :** (Inside mounted)

- Check sleeve for any damage.
- Sleeve should be accurate in size and finish (as per seal manufacturer’s standard).
- Inspect gland plate (dimensionally & physically).
- Insert the stationary face with secondary Gasket, into the gland plate and push it onto the shaft.

- Take new readings on sleeve for seal installation.
- Tight Rotary unit on sleeve giving necessary seal compression.
- Push the shaft sleeve along with rotary unit on-to the shaft.
- Push stuffing box into the bearing frame and bolt it, tighten the gland.
- Fit the impeller.

Stuffing Box Packing :

- Push shaft sleeve on to shaft, fit lantern ring if applicable.
- Insert packing rings into the stuffing box, loosely attach gland pusher.
- Push stuffing box into the bearing frame and bolt it.

Assembly of back pull-out unit :

- Insert gasket of correct size into casing.
- Insert ‘back pull-out unit’ and tighten nuts.
- Fasten support to base plate.
- Adjust gap between impeller and casing.
- Connect ancillary pipe-work and instruments.
- Connect coupling to the motor.

★ You are requested to inform us regarding the modifications carried out by you, at your end for updating our records in complaint information form.

Customer Service Nos.:

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