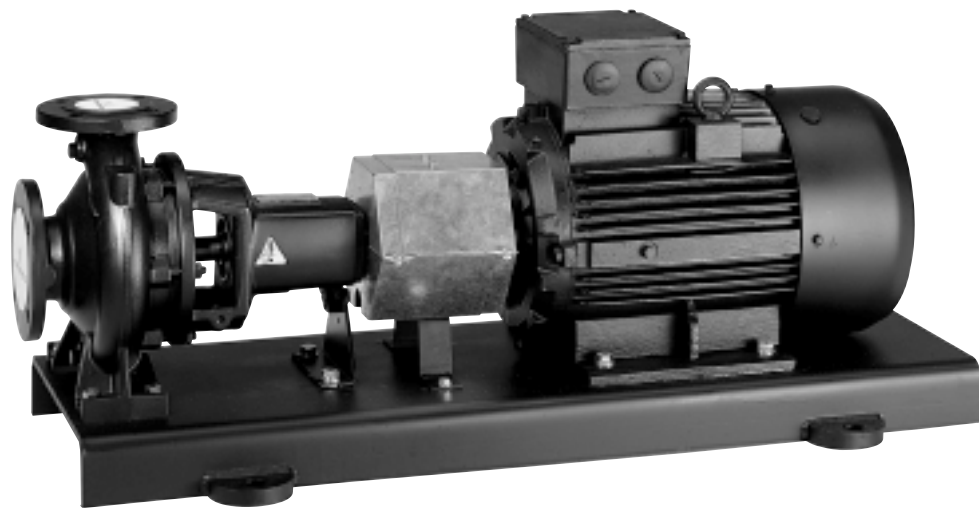


NK
Model B



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Mounting of shaft



Tools and auxiliary materials for assembly



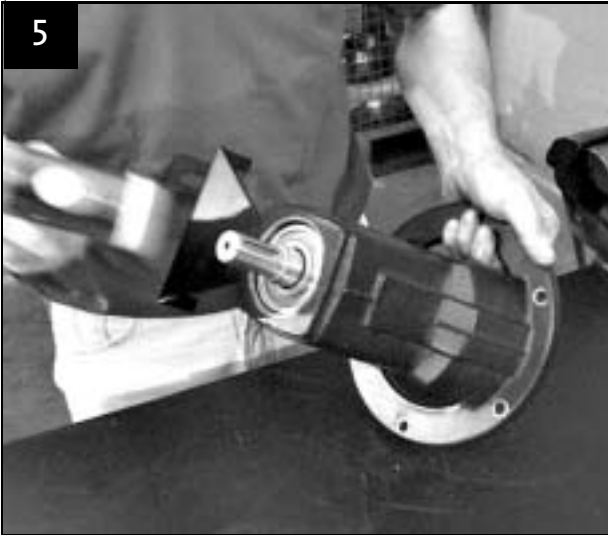
Fit circlip in bearing housing



Turn around bearing housing



Fit shaft with bearings into bearing housing



5

Tap lightly with a soft-headed hammer



6

Fit second circlip



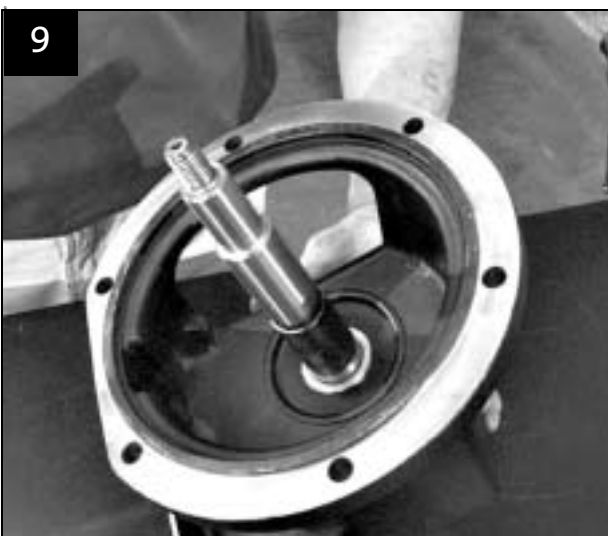
7

Fit ball bearing cover



8

Lubricate thrower with soapy water and fit it on shaft



9

Mount second ball bearing cover at other end



10

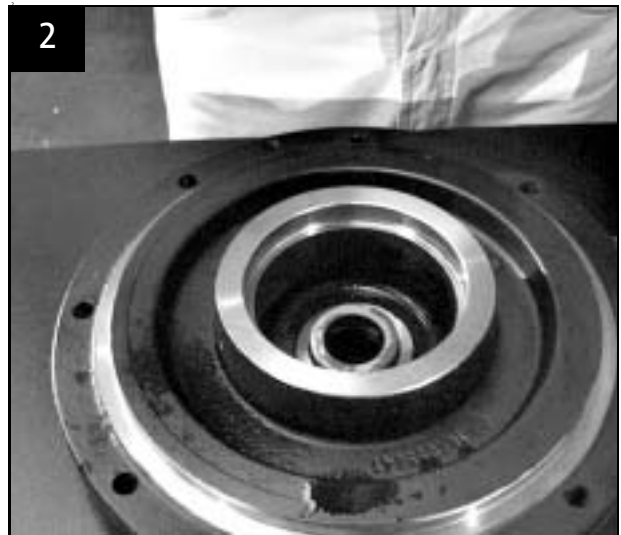
Lubricate second thrower with soapy water and fit it on shaft

Assembly of mechanical shaft seal



1

Lubricate seat and O-ring for stationary part of seal with soapy water



2

Fit stationary seal in its seat in cover for pump housing



3

Press seal firmly into bottom position with a soft tool



4

Mount cover for pump housing on bearing housing



5

Keep drain hole for shaft seal downwards



Tighten nuts



Fit protecting sleeve on shaft



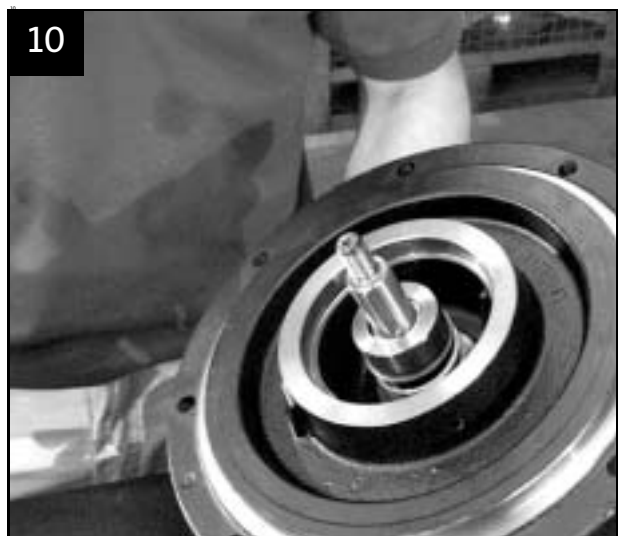
8

Lubricate rotating part of shaft seal with soapy water



9

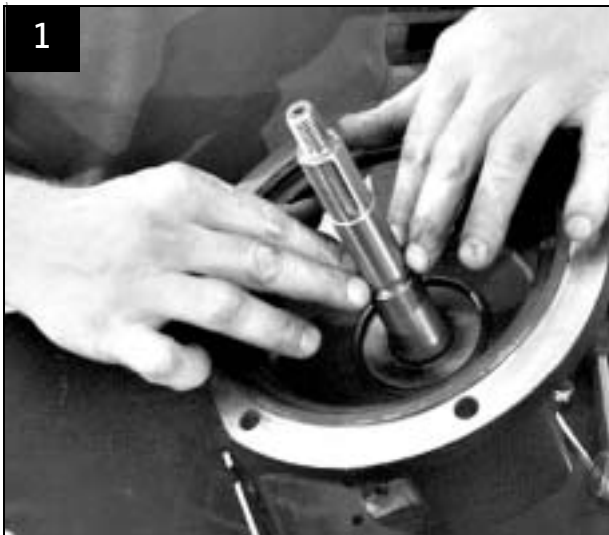
Press shaft seal into bottom position



10

Fit impeller spacer on shaft

Assembly of stuffing box



1

Fit O-ring on shaft



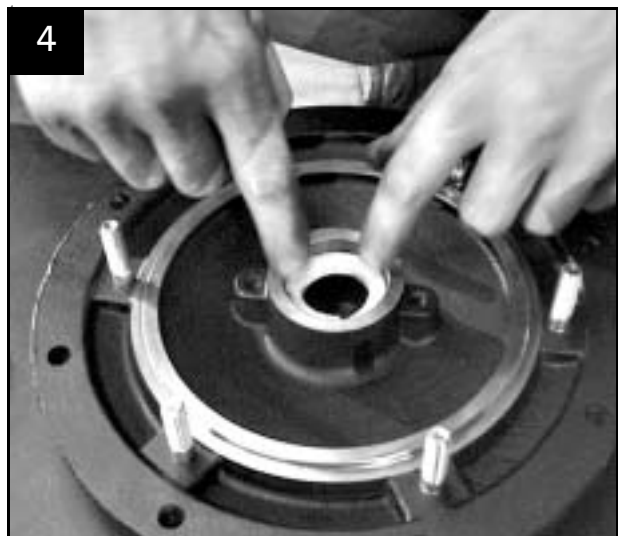
2

Fit sleeve on shaft



3

Parts for stuffing box



4

Fit first stuffing box packing in bottom position in cover for pump housing



5 Fit lantern ring in cover for pump housing



6 Fit the last three packings,
openings displaced 90° on all four



7 Fit studs in cover for pump housing



8 Fit the two gland halves

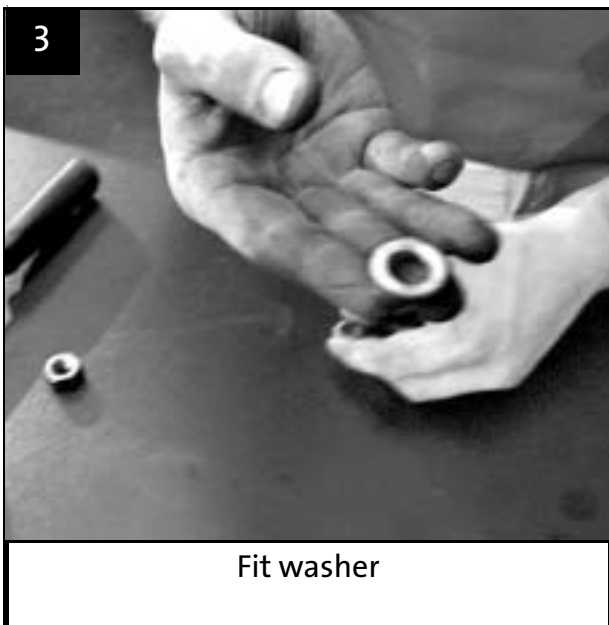
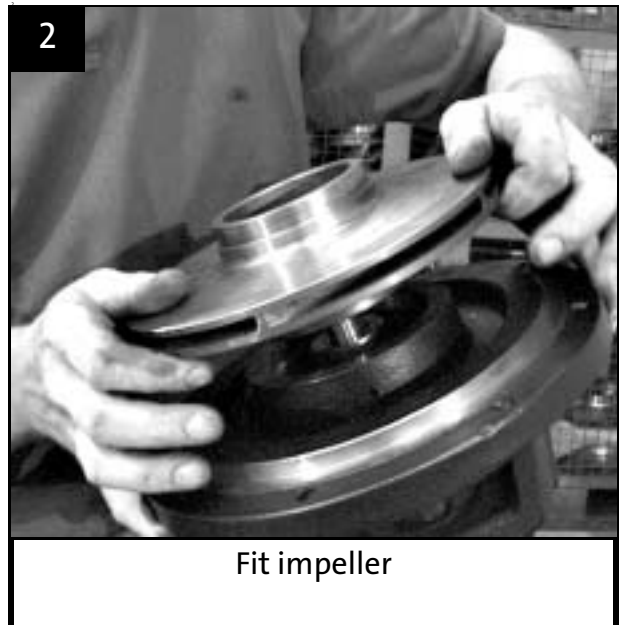
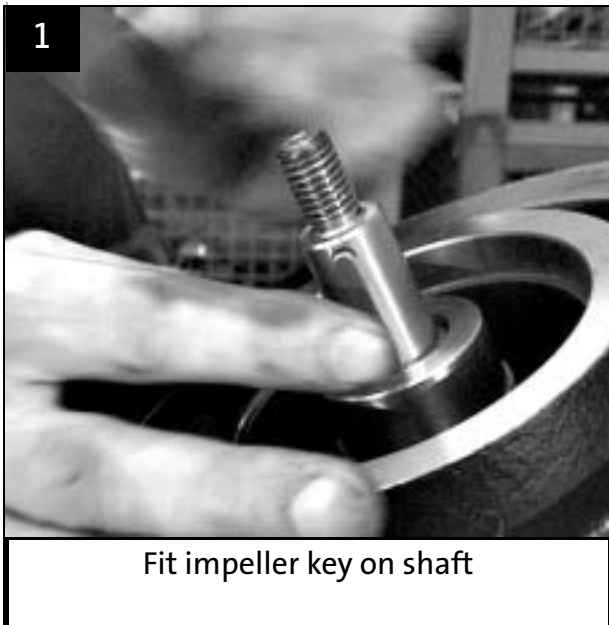


9 Fit nuts loosely



10 Mount cover for pump housing on bearing
housing, keeping drainhole downwards

Assembly of impeller and pump housing





5

Tighten impeller nut



6

Lubricate O-ring for pump housing and cover for pump housing with soapy water



7

Fit O-ring on cover for pump housing



8

Mount pump housing on cover for pump housing



9

Tighten nuts



10

Apply Loctite to plugs

11



Fit plugs in pump housing

12



Check free rotation of impeller

Alignment of pump and motor shafts



1

Tools and auxiliary materials for alignment



2

Place pump on base plate



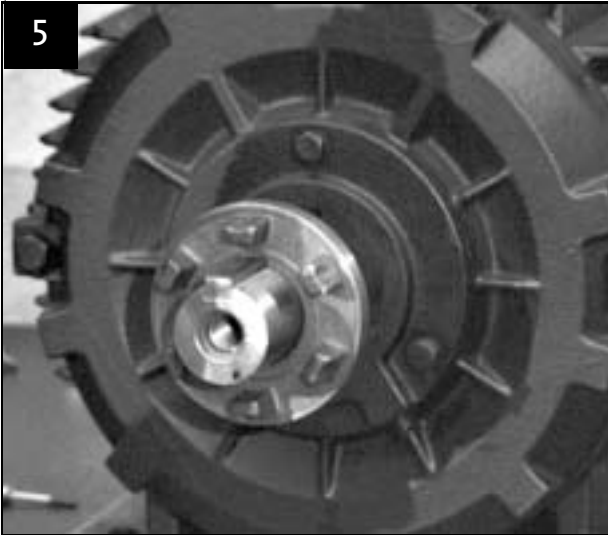
3

Fasten pump including support with screws



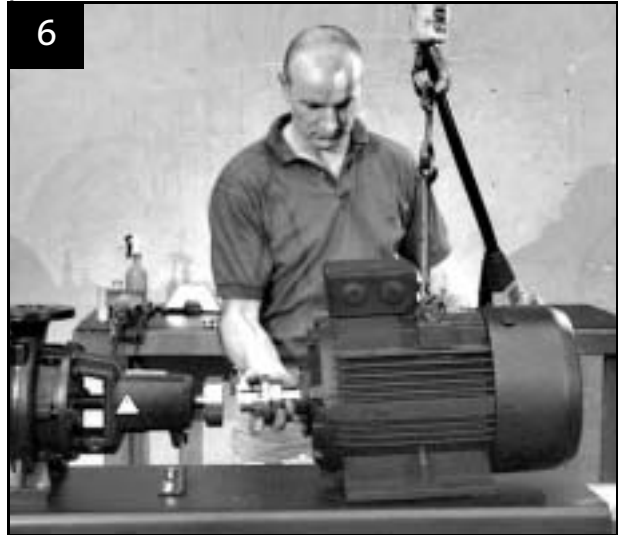
4

Fit complete coupling half on pump shaft



5

Place other coupling half on motor shaft



6

Mount motor on base plate



7

Distance between shaft ends should be 6 mm +/- 2 mm. Displace shaft keys 180°



8

Check alignment with special tool



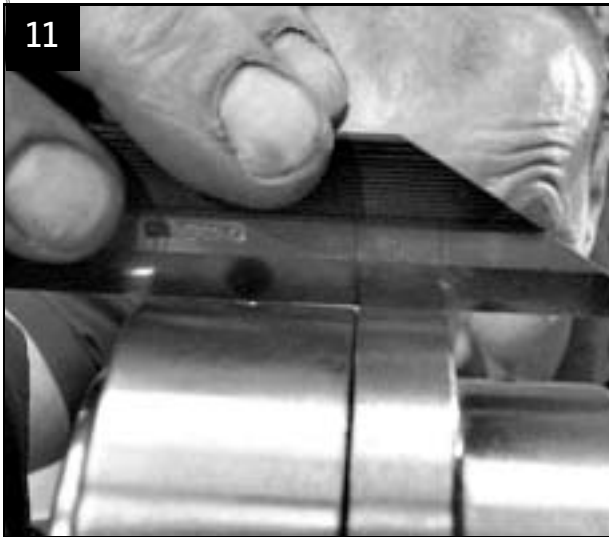
9

Repeat alignment check, displaced 90°



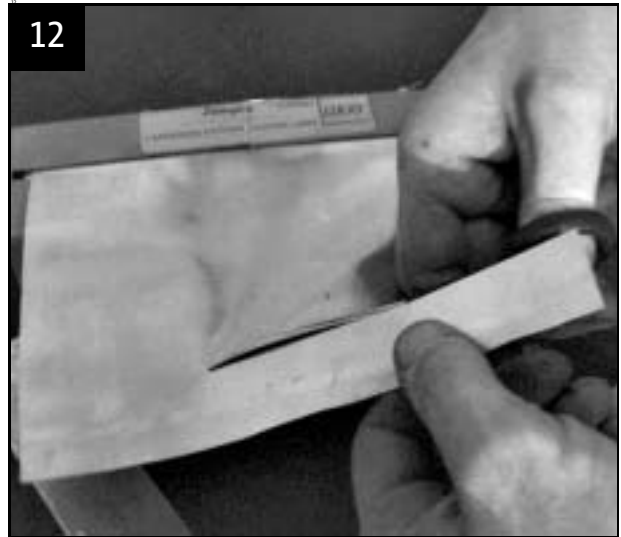
10

Tighten motor screws



11

Alignment check.
Pump support must be raised



12

Cut out foil in adequate size



13

Place foil where needed



14

Tighten screws again



15

Check alignment carefully once more



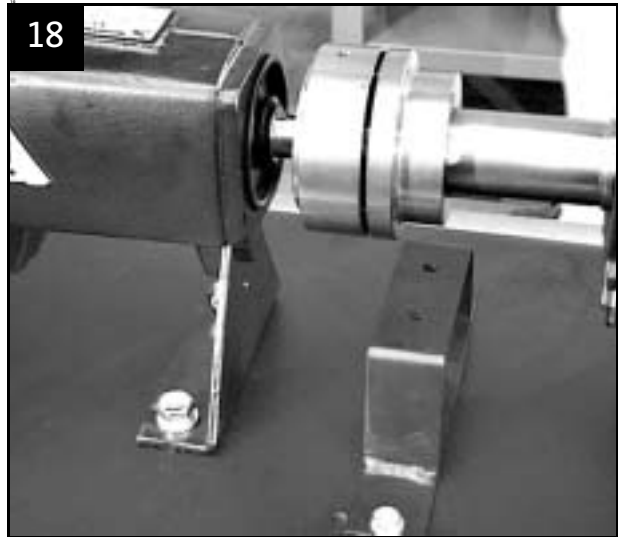
16

Distance between coupling halves
must be 4 mm +/- 0.2 all way round



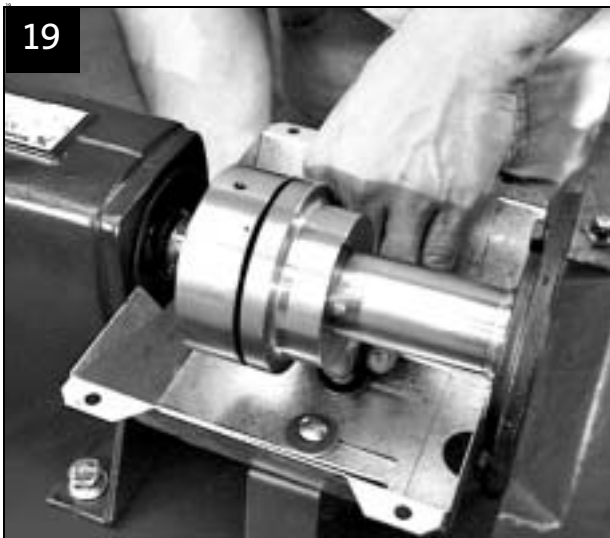
17

Tighten screw in coupling half



18

Mount support for coupling guard



19

Fit lower part of coupling guard and adjust length



20

Fit upper part of coupling guard



21

Tighten screws in coupling guard

Subject to alterations.

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