

## Supplementary operating instructions for the replacement motor unit for the ESO, SEC, SCX, SCX-K, MCX pump types

### **CAUTION:**

These supplementary operating instructions cover only the main issues concerning a replacement motor unit. The operating instructions for the pump or pump set, as applicable, for the specific works number must also be complied with.

### **Scope of supply:**

The replacement motor unit comprises the following main components, which are mounted ready for installation.

- 80-1 motor unit with O-ring 412.21/.22, motor housing cover 812, support, stator, motor housing, can 817, stud bolt 902.04, hex. nut 920.04, socket head cap screw 914.38
- Bearing carrier 382 with bearing bush, gasket 411.91, screwed plug 903.91
- Terminal box 833 consisting of base, cover, terminals and, if applicable, sealed terminal gland 834 with O-ring 412.81, disc 550.81, socket head cap screw 914.85

For the ESO and SEC type series, a connection cable 824 with a cable gland 826.01 can be chosen instead of the terminal box 833.

### **Sectional drawings:**

SCX, SCX-K and MCX type series: sectional drawing on page 2

ESO and SEC type series: sectional drawing on page 2

### **Transport protection:**

Wooden cover 160, gasket 400, discs 550.

The parts listed are intended as transport protection only and are not needed for any other purpose.

### **Installation:**

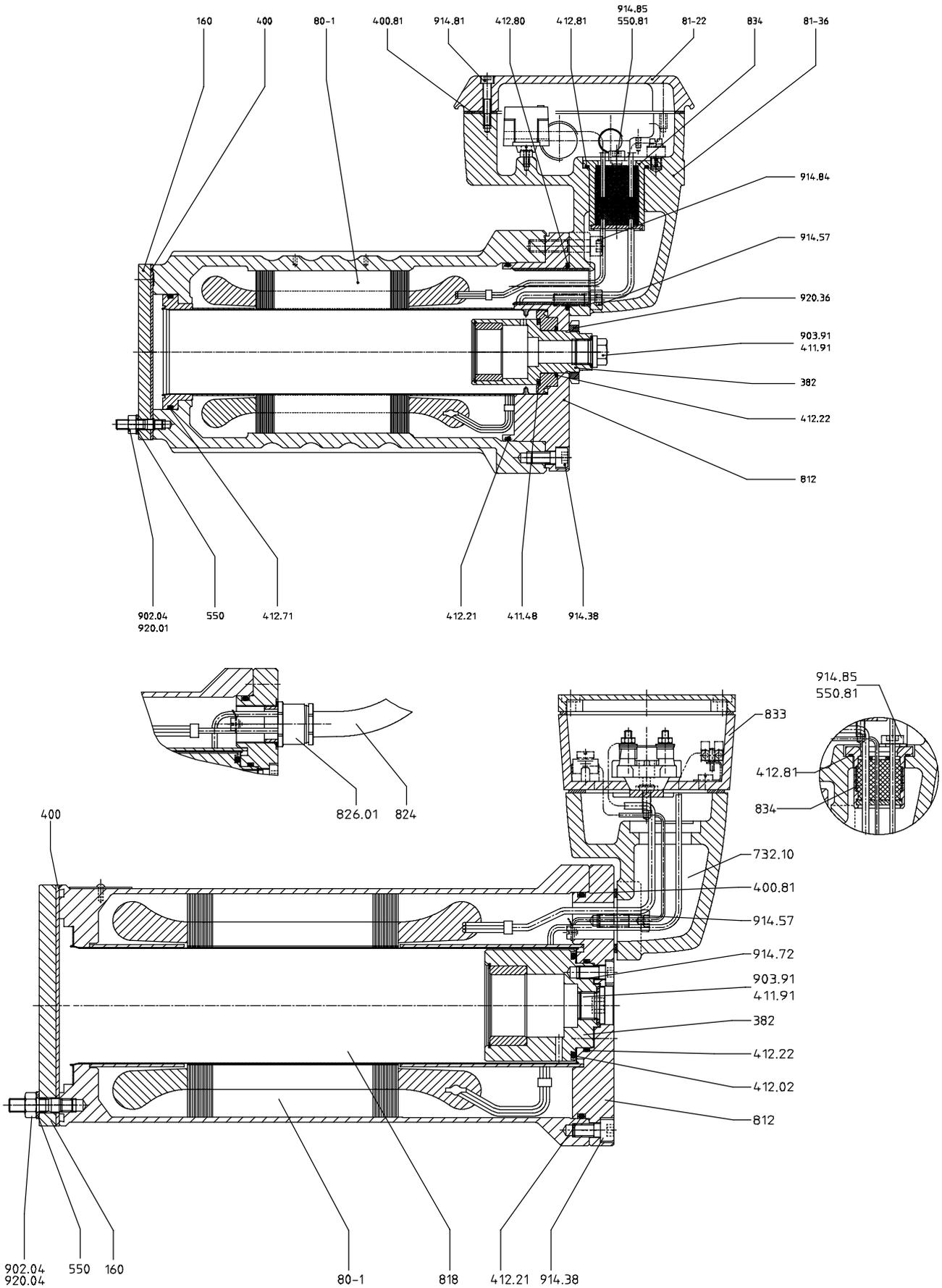
Remove the transport protection prior to installation. The stud bolts 902-04 and nuts 920.04 are intended for new installation.

Rotor, bearing and bearing bracket lantern are to be installed in accordance with the operating instructions of the pump.

### **Note:**

A replacement motor unit can be added to the pump sets of the SCX, SCX-K or MCX type series without providing for explosion projection, since all joining surfaces relevant for explosion protection are already mounted in the replacement motor unit supplied.

# Replacement Motor Unit



Subject to technical modification without prior notice.

1.08.2006

1070.805-10



**KSB Aktiengesellschaft**  
 P.O. Box 1361, 91253 Pegnitz • Bahnhofplatz 1, 91257 Pegnitz (Germany)  
 Tel. +49 9241 71-0 • Fax +49 9241 71-1791 • www.ksb.com