

## **CPKN-, HPK-, HPK-L, MAC (Magnochem), MAC-Bloc- (Magnochem-Bloc), MegaCPK, RPK-Pumps with Inducer**

### fitted with Screwed-on Inducer

#### **To 2.1.4 Checking the Direction of Rotation**

With the pump disconnected, briefly switch on the motor to check the rotation. It must be the same as the arrow on the pump.

N.B. Inducer is screwed on. There is a danger of the inducer becoming unscrewed if the pump runs in reverse.

#### **To 4.2 Dismantling**

- Undo the hex. nuts 920.01 and withdraw the complete bearing bracket 330 together with the shaft 210, impeller 230, inducer 23-2 and bearing bracket lantern 344 from the volute casing 102. Use the jack-off screws for this, having first cleaned the screw threads.  
Do not damage the gasket 411.10.
- Unscrew the inducer 23-2 with its helicoil (right hand thread), remove the gasket 411.31, take off the impeller 230 and out the key 940.01.

#### **To 4.3 Re-assembly**

Point 3. or 4. for CPKN / MegaCPK or point 4. for HPK and RPK resp. Firmly tighten up the inducer 23-2. Apply a greater torque than you normally would because the inducer has a helicoil. Retighten the inducer 20 to 30 minutes after assembly.

#### **To 4.4.1 Recommended Stock of Spare Parts**

The recommended number of spare inducers 23-2 to be kept in stock is the same as the recommended number of spare impellers 230.

#### **To 4.4.2 Interchangeability of Spare Parts**

The inducer 23-2 replaces the impeller nut 922. The inducer cannot be used on other sizes of pump.

#### **To 4.5 Sectional Drawing and List of Components**

New part: inducer 23-2. Impeller nut 922 deleted. Sectional drawing: see order-related sectional drawing incorporating inducer (attached).

