

## VANE PUMPS INSTRUCTION MANUAL

Extended operation (> 5min) of the pump against the closed discharge side should be avoided due to impermissible build-up of heat.

Attention when dry running:

- with the discharge closed, dry running must not exceed 1 minute
- with discharge open ( $\emptyset$  min. 6 mm) and without medium, dry running must not exceed 5 minutes.

When switching from "SB" (self-loading) to "AP" (pump unloading), the external pump drive should be switched off or the relief valve should be open (SA and SB control blocks closed).

### **Maximum air pressure controlling the bypass regulator:**

- Pumps FPO... 65/80/100 – 4,5 bar
- FPT pumps... (TruckFit) – 5 bar

## **MAINTENANCE:**

**Lubrication:** The vane-type pump is to be lubricated on the bearing position .

**Periods:** Every 600 operating hours or 3 years whatever happens earlier.

**STOKOTA recommends lubricating the pump at least every 3 months.**

**Grease:** For standard operations: Beacon EP2 (part no. 1000189).

For low temperature operations (e.g. for type X1):

Molyduval Aero 14 (part no. 2067578).

**Procedure:** Apply lubrication to the lubricating points during pump is running (without load, min. 300 rpm) until the grease is discharged at the exit points.

**Danger - Be careful for running pumps!**

**Central lubrication:** This is permitted providing a suitable lubricant is used