

## Reset valve H300

Instructions to reset the valve H300 to factory regulations.

NOTE: The operation is to be considered finished only after having performed all the points indicated below.

Procedure:

Close the shut-off valve and push the red manual lowering valve to decrease the valve pressure.

Unscrew the relief valve (RV) about 9 anti-clockwise turns. (spanner 19mm + socket head wrench 6mm) (Fig1).

Unscrew the by pass valve (SCS) with 10 anti-clockwise turns (spanner 13mm + socket head wrench 5mm). (Fig1, Fig5).

Unscrew the start valve (SV) until you can see 3 threads (spanner 19mm + spanner 13mm). (Fig1, Fig5).

Check the length of the pressure compensation screw (PCV). If the length is different from its nominal value,  $L=25,7$  mm from the valve body, adjust it. (Spanner 19mm + socket head wrench 6mm).

Check the length of the main speed screw (MSV), see Tab1 page 2/2 for the correct  $L_2$  value. ). If the length is different from its nominal value, adjust it. (Spanner 19mm + socket head wrench 6mm). (Fig1, Fig4, Tab 1)

Screw the thermal compensator (TCJ) turning the screw in clockwise **by HAND** until mechanical stop. **Do not insist** to avoid that the TCJ break. Unscrew the TCJ with 3 anti-clockwise complete turns. Blocking the TCJ valve with a spanner 13mm, slightly close the lock nut with a spanner 19mm. The nominal length of TCJ screw is about  $L_1= 40$ mm. (Fig 1, Fig3).

Unscrew the low speed valve (LSV) until you can see 2 thread (spanner 13mm + socket head wrench 4mm) (Fig2).

Start the motor pump.

Screw the by-pass valve (SCS) until you read on the manometer the value corresponding to the lift minimum static pressure. Close the lock nut. (spanner 10mm). (Fig 1, Fig5).

Screw the relief valve (RV) until you read on the manometer the value corresponding to the 140% of maximum static pressure. Close the lock nut. (spanner 19mm). (Fig 1).

Open the shut-off valve. Record the up-travel running time between the first and the last floor.

Unscrew the pressure difference valve DV2 with 7 anti-clockwise turns. (spanner 19mm + socket head wrench 6mm). During the down travel, screw the DV2 until reaching the same speed (i.e. the same time) as in up travel. Close the lock nut.

NOTE: Now the valve has been reset to factory regulations. If the technician think it is appropriate, it is possible to make adjustments for a specific lift installation, following the instructions shown in Cap. 7 of our General Catalogue.

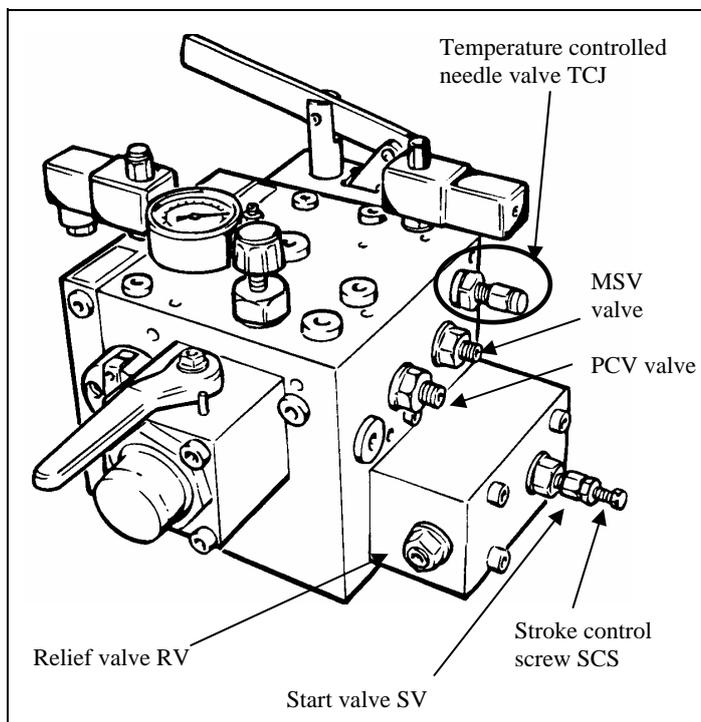


Fig. 1

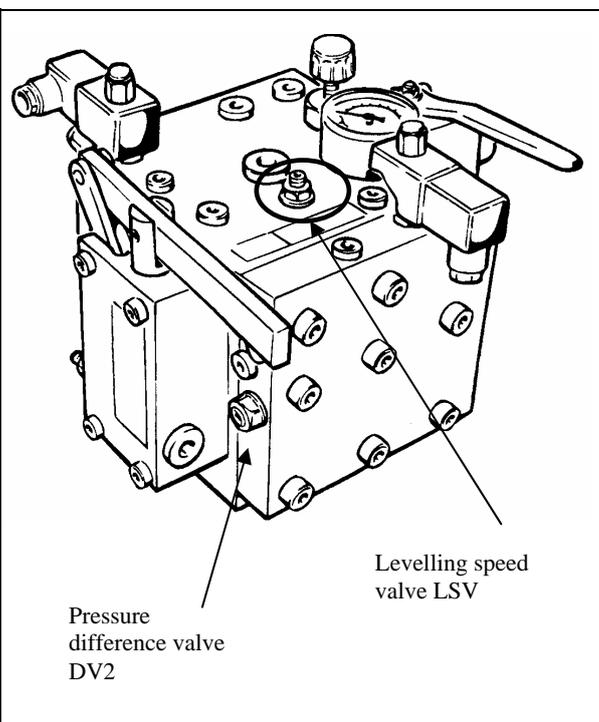


Fig. 2

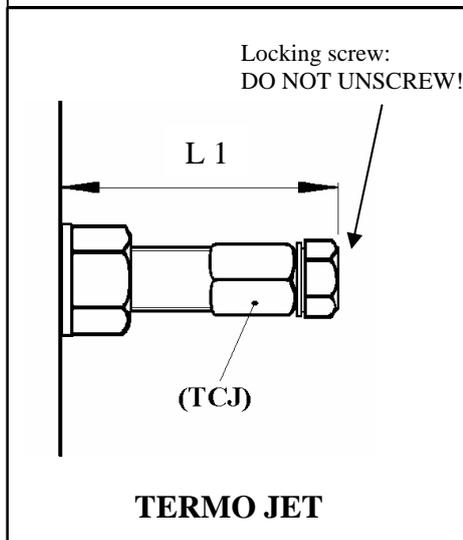


Fig. 3

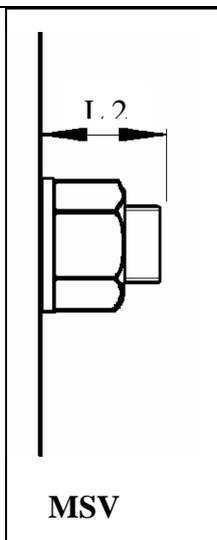


Fig. 4

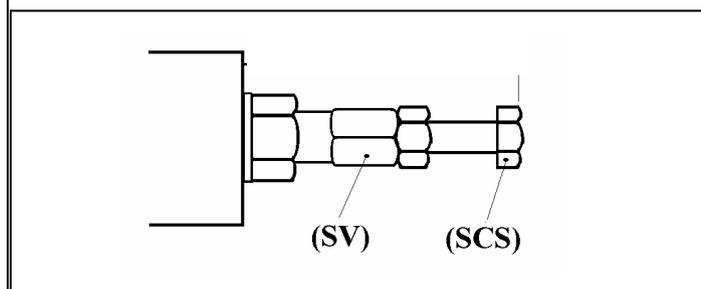


Fig. 5

Pump flow (L/min)	L2 for motor at 50 Hz (mm)	L2 for motor at 60 Hz (mm)
50	15.5	17
70	17	19
96	19	20
115	20	21
125	21	23
145	23	18.5
172	18.5	20
210	20	23
270	23	***

Tab. 1