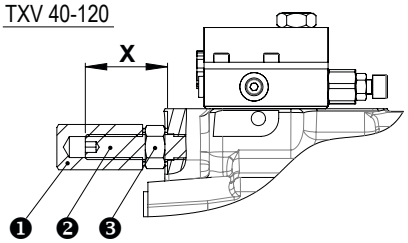
MAXIMUM DISPLACEMENT SETTING SCREW

TXV 40-120



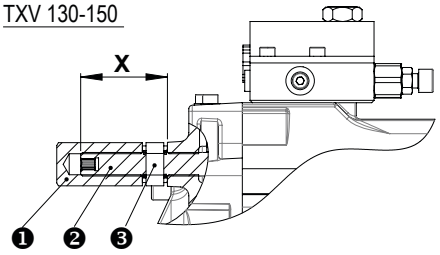
The TXV pumps from 40 to 150 cc/rev are made as standard to be able to use a setting screw:

- Reference : **0518386** for TXV 40 to 120 pumps
- Reference : **0523899** for the TXV 130* and TXV 150*

**Except TXV through shaft.*

The pump displacement can thus be adjusted to exactly what is needed.

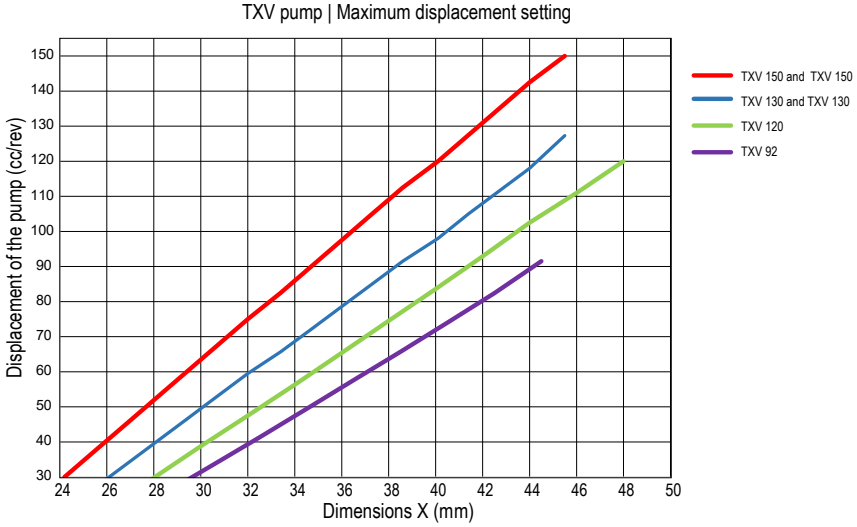
TXV 130-150



► How to set maximum displacement

Unscrew ❶ completely, loosen nut ❸ and screw ❷ to obtain dimension **X** on graph below, and the corresponding displacement (see figure).

- For TXV 150 : 1 turn of the screw changes the displacement by 7.5 cc.
- For TXV 130 : 1 turn of the screw changes the displacement by 6.5 cc.
- For TXV 120: 1 turn of the screw changes the displacement by 9 cc.
- For TXV 92 to TXV 40: 1 turn of the screw changes the displacement by 8 cc.



SETTING OF THE REGULATION

► Stand-by

TXV pumps are supplied as standard with standby pressure set at 30 bar.
On request, this standby pressure can be set between 25 and 60 bar.

► Maximum pressure

Cancellation pressure PC of the pump must be the same as the maximum working pressure of your installation. This PC pressure should be specified in the order. If no PC setting is specified, pumps will be supplied with PC set at 100 bar.

► Relief valve in the entry plate of proportional valve

Must be set 25 to 30 bar higher than the chosen PC pressure.

► Response time

Response time of TXV pumps, from zero flow up to full flow, can be adapted.

For further information or advice, please contact our Customer Service Department.