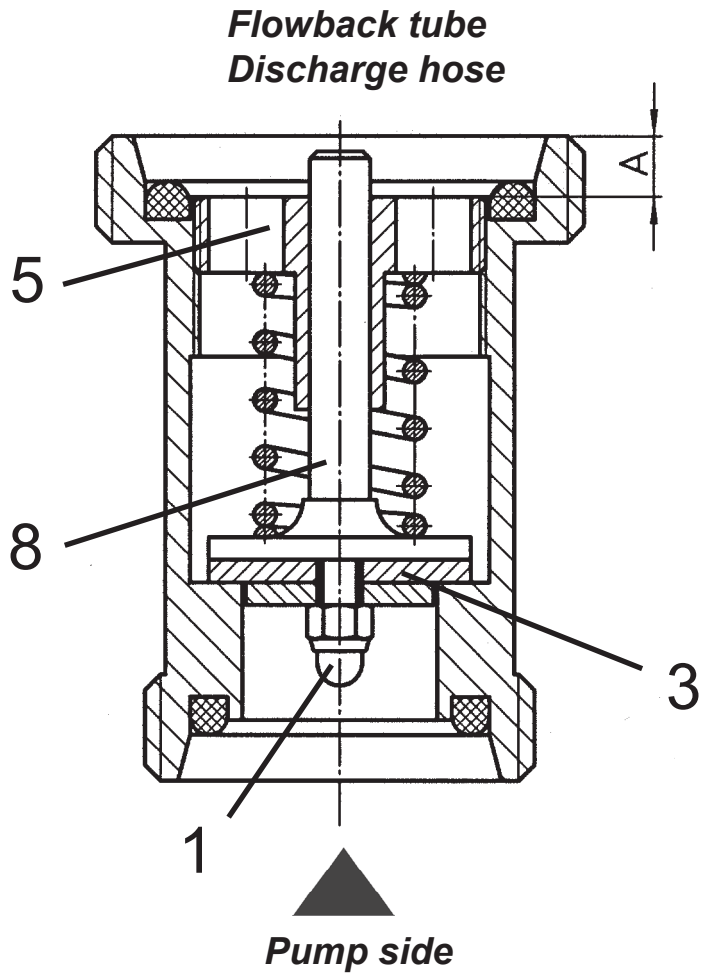
The by-pass valve is preset to 4 bar



Pressure [bar]	A [mm]
4	7,4
5	8
6	8,8

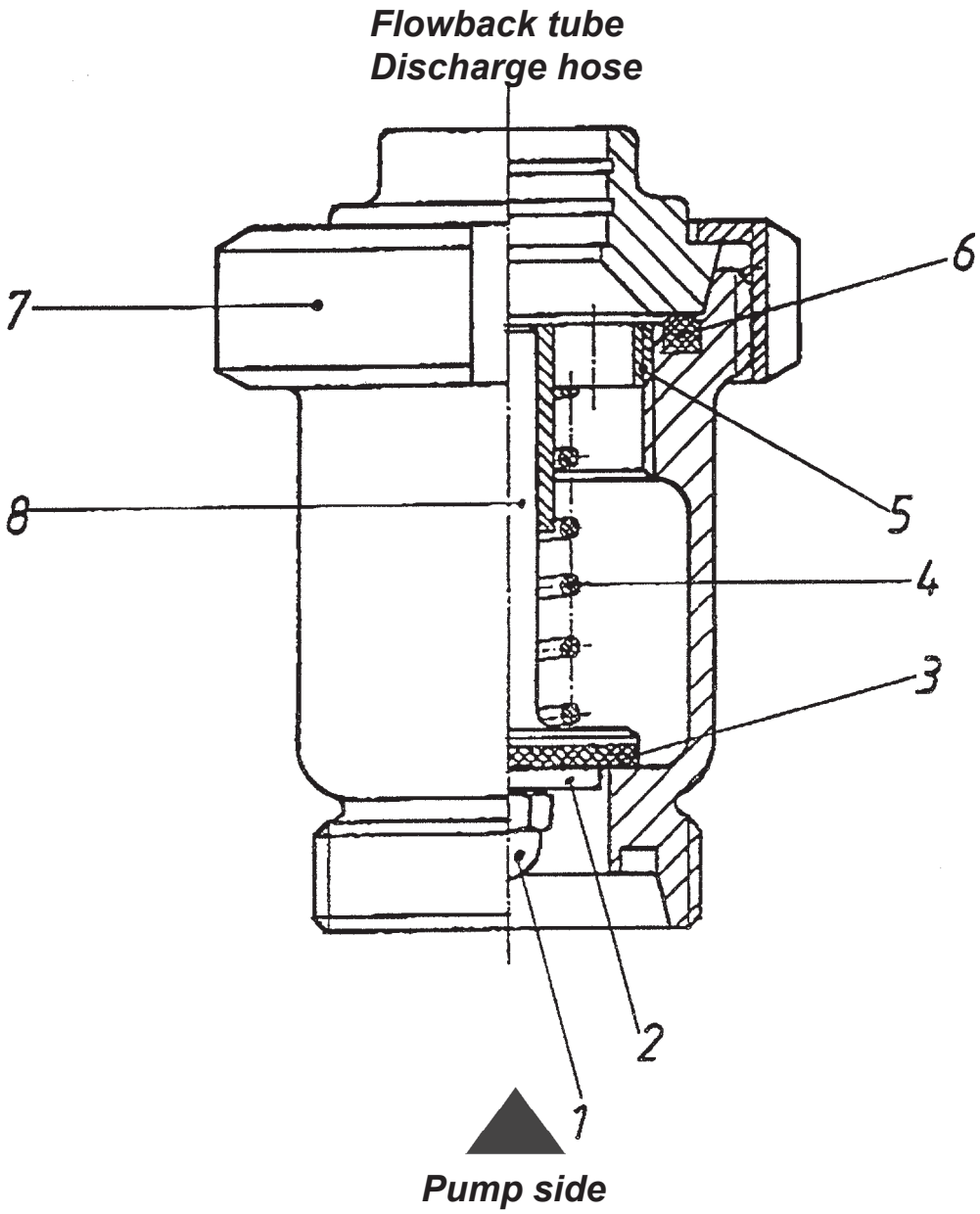
The by-pass valve can be set to the requested operating pressure
by adjusting the prestress of the pressure spring item 4.
This can be done by twisting the insert item 5.

Dismantling :
- release cap nut
- unscrew insert item 5 by a face wrench
- remove valve stem item 8 together with insert from the housing of the by-pass valve
- release cap nut item 1
- if necessary replace seat seal item 3

Re-assembly :
After cleaning re-assembly is to be done in reverse sequence.

By-pass valve in stainless steel (S)
Pressure range 4 to 6 bar

The by-pass valve is preset to 4 bar.



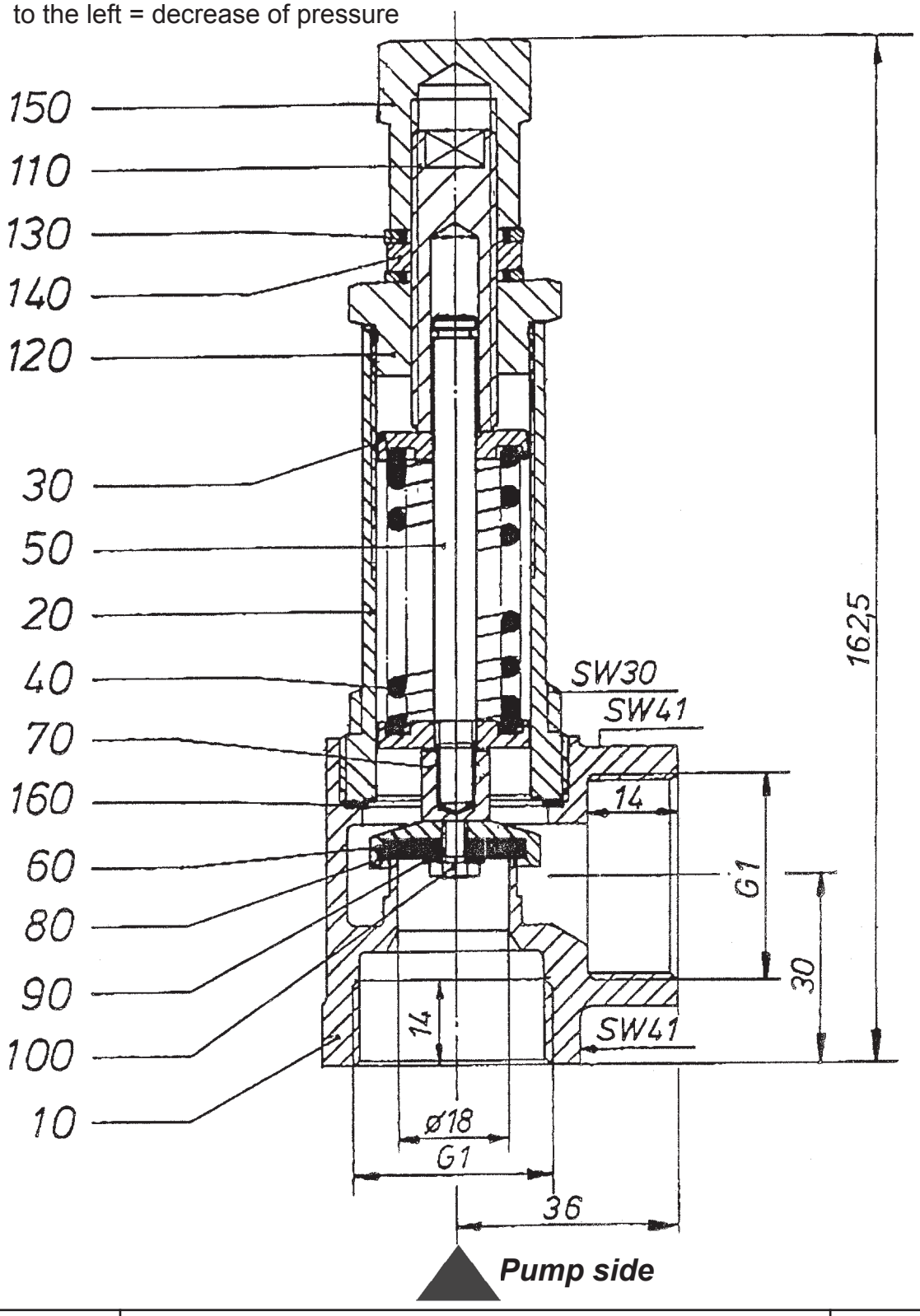
The by-pass valve can be set to the desired operating pressure
by adjusting the prestress of the pressure spring item 4.
This can be done by twisting the insert tem 5.

Dismantling :
- release cap nut item 7
- unscrew insert item 5 by a face wrench
- remove valve stem item 8 together with insert from the housing of the by-pass valve
- release cap nut item 1
- if necessary replace seat seal item 3

Re-assembly :
After cleaning re-assembly is to be done in reverse sequence.

By-pass valve in brass (MS)
Pressure range 2 to 12 bar

The by-pass valve is preset to 4 bar.

Adjustment :
- unscrew item 150
- release item 130 (counter nut)
- adjust pressure by item 110:

to the right = increase of pressure
to the left = decrease of pressure