

# SEQUENCING VALVE SERIES VS

Sequencing valves are used mainly in hydraulic circuits where the movement of one or more cylinders needs to be delayed.

Properly calibrated, they can also be used as safety valves to relieve pressure in the circuit.

The reduced dimensions of these valves allows easy installation.

They must be used with oil only and are available in one model only.

The pressure regulation range is 20 - 150 bar.

Ordering code:  
Z52VS406018



## APPLICATIONS

Examples of pressure regulation at 50 bar.

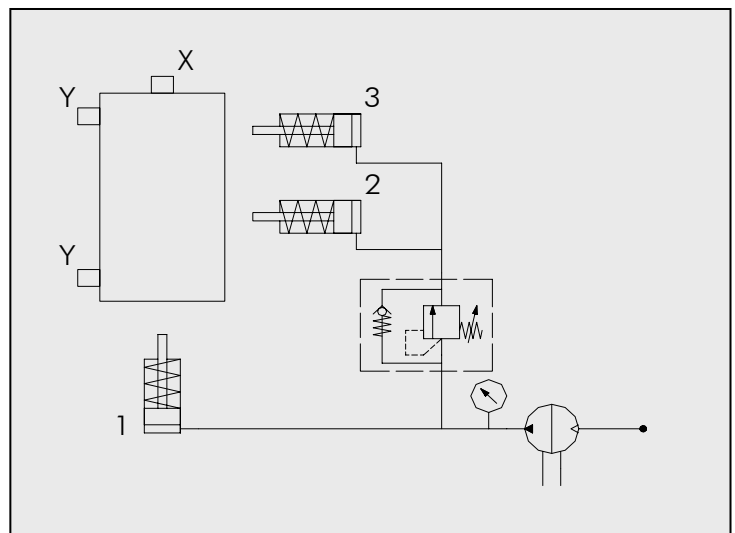
### Example 1

1 – Cylinder 1 pushes the part against stop X.

2 – Pressure increases to 50 bar and the valve opens to let the oil flow out.

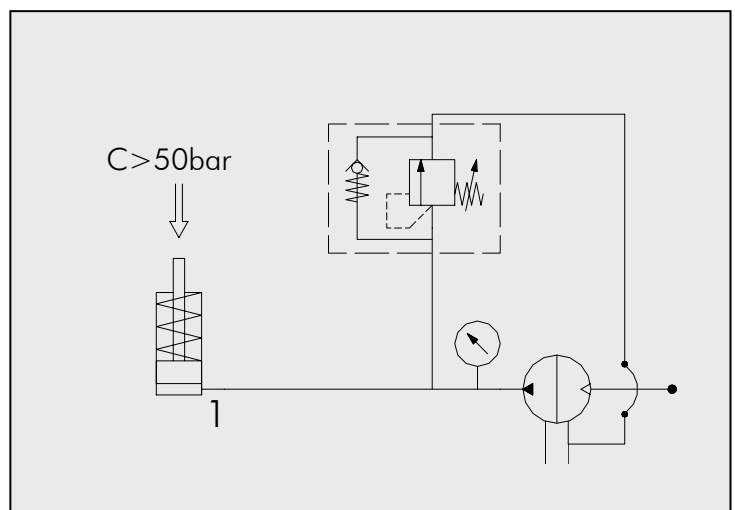
3 – Cylinders 2 and 3 also activate to push the part against stops Y.

4 – The hydraulic pressure now increases evenly in all the cylinders.



### Example 2

The pump increases pressure to 50 bar in cylinder 1. If a back-pressure C occurs due to a circuit failure, the sequencing valve actuates to relieve pressure in the system.



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## DIMENSIONS

- (o) = Oil inlet
- \* = Oil outlet

