

SERIES V OIL FLOW REGULATOR VALVES

This section covers the range of valves regulating or interrupting the oil flow in a circuit.

Various types of valves are available and, depending on the customer requirements, they can be fitted with either SKIP (acceleration) or STOP valves, normally open or normally closed, with or without regulation needle.

The standard models are:

Z52VARE18 SKIP valve with NO control
Z52VARE18 NC SKIP valve with NC control

Z52VSSR18 STOP valve without NO control
Z52VSSR18NC STOP valve without NC control

Z52VSRE18 STOP valve with NO control
Z52VSRE18NC STOP valve with NC control

Z52VSREBY18 STOP valve with NO by-pass control
Z52VSREBY18NC STOP valve with NC by-pass control

The oil ports on the valve are G1/8 while those regarding the pneumatic valves come with an M5 thread.

The components of the pneumatic valve are made of aluminium.
 The gaskets are made of NRB and PU.

For special applications, please contact our design office.

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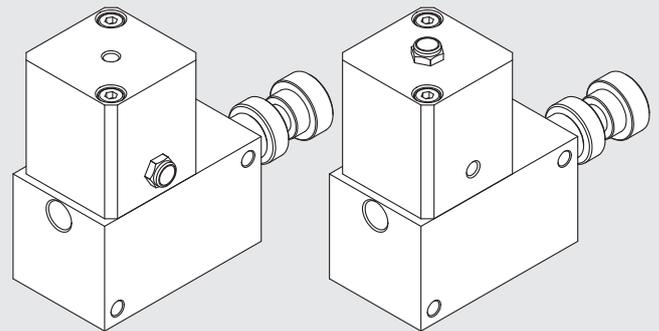
Z52VARE18 - Z52VARE18NC Z52VSRE18 - Z52VSRE18NC

These are SKIP and STOP valves with regulation needle and can be normally open (NO) or normally closed (NC).

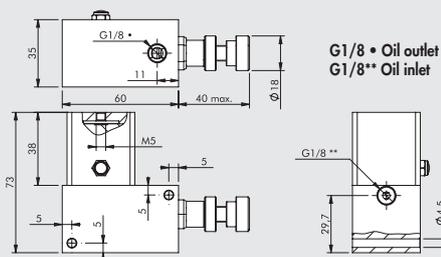
The oil enters in the G1/8 hole at the front and flows through the STOP or SKIP valve.

The STOP NO valve, when enabled, immediately stops the flow, while the SKIP NO valve deviates it and force the oil to flow through the regulator and get it come out from the hole underneath.

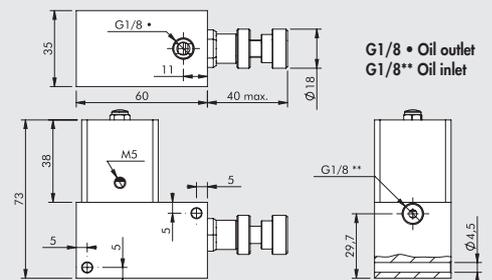
In the NC versions the flow is normally interrupted.



Z52VARE18
Z52VARE18



Z52VARE18NC
Z52VSRE18NC

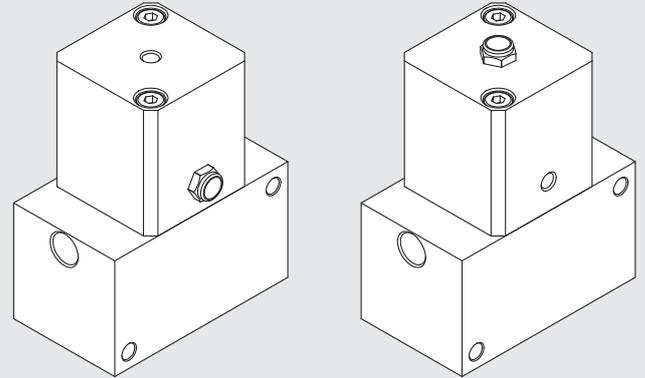


Z52VSSR18 - Z52VSSR18NC

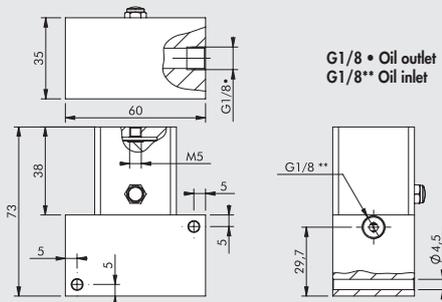
These are STOP valves without a regulation needle. They can be either normally open or normally closed.

The oil enters the G1/8 hole at the front and flows through the NO STOP valve which, when enabled, immediately stops the flow. When the valve is depressurized, the oil comes out of the hole underneath.

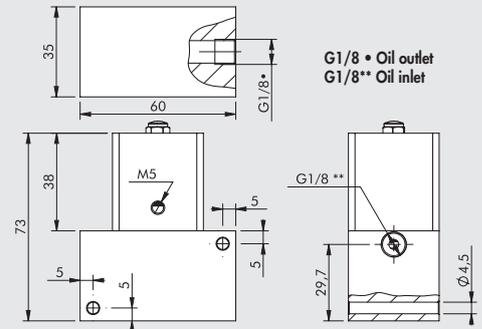
In the NC versions the flow is normally interrupted.



Z52VSSR18



Z52VSSR18NC



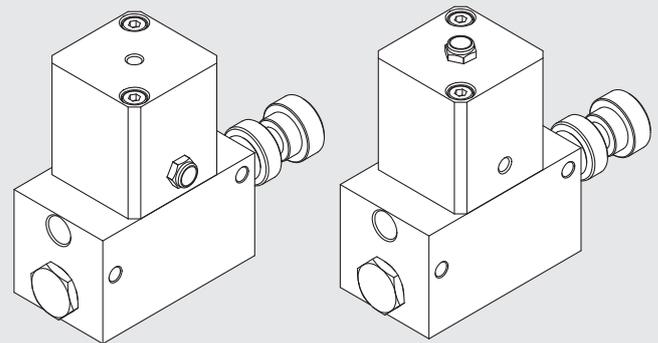
Z52VSREBY18 - Z52VSREBY18NC

These are STOP valves with a regulation needle. They can be either normally open or normally closed and feature a bypass circuit inside. At the delivery stage, the oil enters the G1/8 hole at the front and flows through the NO STOP valve which, when enabled, immediately stops the flow.

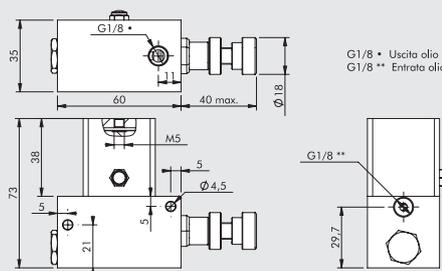
When the valve is depressurized, the oil flows through the desired regulator and comes out of the hole underneath.

At the return stage, the oil does no longer follow the same delivery route but flows through a by-pass circuit, skips the valve and is drained off immediately to allow for a quicker return.

In the NC versions the flow is normally interrupted.



Z52VSREBY18



Z52VSREBY18NC

