

5/2-Way Oscillating Valves

The oscillating valve generates oscillating movements such as e.g. shaking, hammering, plunging, feed motions etc.

Function:

If compressed air is introduced into inlet port 1, the outlet ports 4 and 2 are alternately supplied with compressed air.

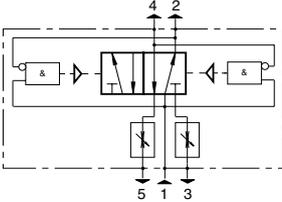
The speed of the operated cylinder and also the stroke frequency are adjusted with two exhaust air throttles.



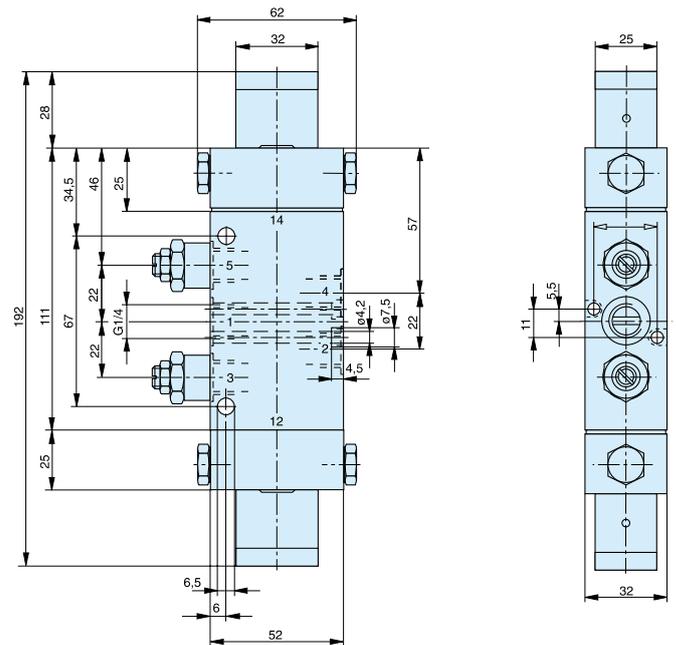
Operating information

Type	Spool valve	Lubrication *	None or oil mist lubrication
Mounting	2 Screws M6 (M4)	Pneumatic Characteristics	
Tube connection	Thread	Nominal pressure	6 bar
Connection size	G1/4, 11 deep	Operating pressure range	3–8 bar
Weight (mass)	0.65 kg	Nominal flow	1300 l/min
Installation	In any position	Actuation	
Ambient temperature range **	-10 °C to +60 °C	Pneumatic	Direct
Medium temperature range **	-10 °C to +60 °C	Actuation pressure range	3–8 bar
Medium	Filtered and oiled or filtered, unoled compressed air		

* We recommend the use of mineral oil type VG 32 to ISO 3448
 ** Note: Please consult us for operating temperatures below 0° C

Symbol	Type	Order Code
	S9 568/68-1/4-SO	PD 34796

Pneumatic oscillating – Type: S9 568/68-1/4-SO



Dimensions in mm