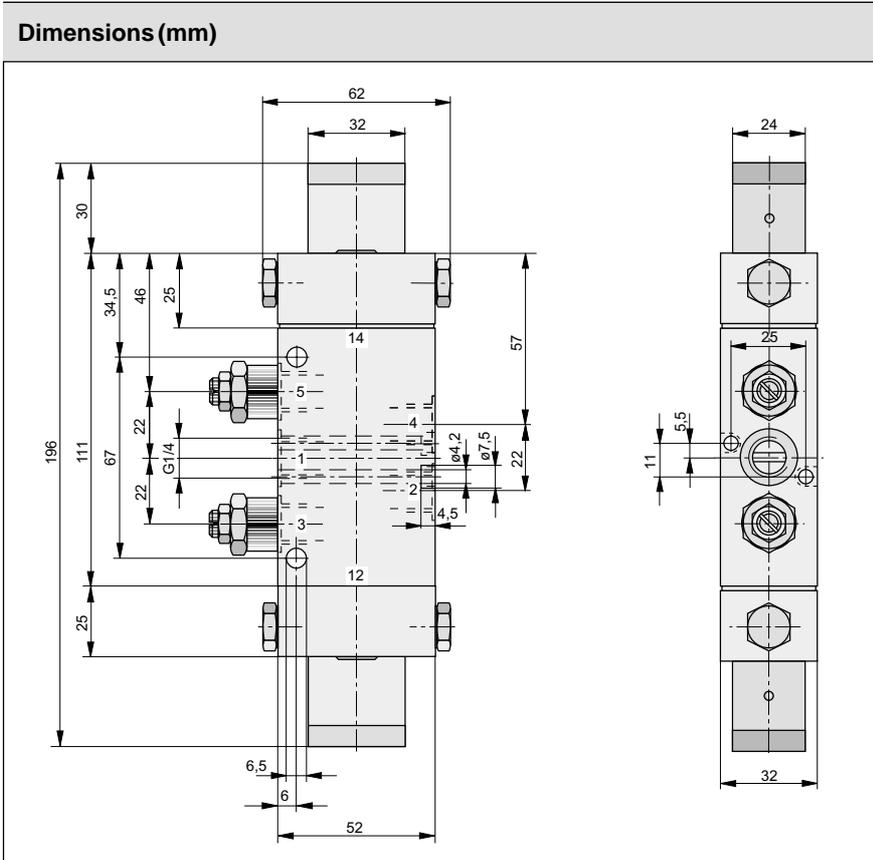


Characteristics to VDI 3290		Pressures quoted as gauge pressure	
Characteristics	Symbol	Unit	Description
General Features			
System			Spool valve
Mounting			2 screws M6 (M4)
Tube connection			Thread
Port size			G1/4; 11 deep
Weight (mass)		kg	0.65
Installation			In any position
Ambient temperature range	ϑ_{\min} ϑ_{\max}	°C °C	-10 +60
Medium temperature range	ϑ_{\min} ϑ_{\max}	°C °C	-10 +70
Medium			Filtered compressed air
Lubrication			With or without oil mist lubrication ¹⁾
Pneumatic Characteristics			
Nominal pressure	p_n	bar	6
Operating pressure range	p_{\min}	bar	2.5
	p_{\max}	bar	8
Nominal flow	Q_N	l/min	1300
Actuation			
Pneumatic			Direct
Actuation pressure range	$p_{st\min}$	bar	2.5
	$p_{st\max}$	bar	8

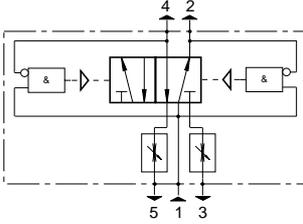
¹⁾ We recommend mineral oil of the viscosity class VG32 to ISO 3448



5/2 Way Oscillating Valve

G1/4

Series S9
S9 568/68-1/4-SO



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

Functioning:
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.

