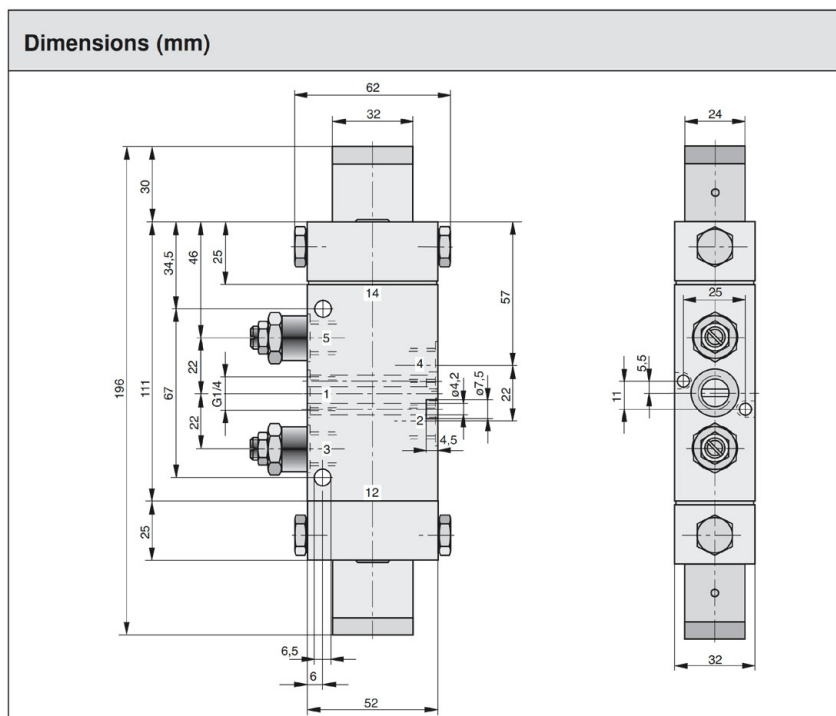


Characteristics to VDI 3290					Pressures quoted as gauge pressure	
Characteristics	Symbol	Unit	Description			
General Features						
System			Spool valve			
Mounting			2 screws M6 (M4)			
Tube connection			Thread			
Port size		NPT (G)	1/4			
Weight (mass)		lbs. (kg)	1.43 (0.65)			
Installation			In any position			
Ambient temperature range	ϑ_{\min} ϑ_{\max}	°F (°C)	14 (-10) 140 (+60)	Note: When using below freezing point it is necessary to consult factory.		
Medium temperature range	ϑ_{\min} ϑ_{\max}	°F (°C)	14 (-10) 158 (+70)			
Medium			Filtered compressed air			
Lubrication			With or without oil mist lubrication ¹⁾			
Pneumatic Characteristics						
Nominal pressure	p _n	psi (bar)	87 (6)			
Operating pressure range	p _{min} p _{max}	psi (bar)	36 (3) 118 (8)			
Nominal flow	Q _N	Cv (l/min)	1.3 (1300)			
Actuation						
Pneumatic			Direct			
Actuating pressure range	p _{st min} p _{st max}	psi (bar)	36 (3) 118 (8)			

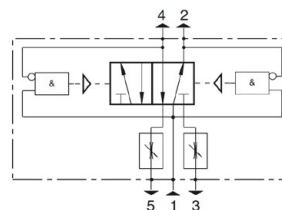
¹⁾ We recommend the use of mineral oil type VG32 to ISO 3448



5/2-Way Valve 1/4

oscillating valve

Actuation: Pneumatic

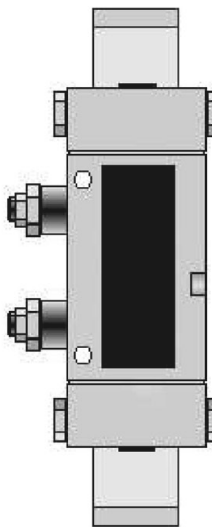


The oscillating valve automatically generates reciprocating movements, for applications such as shaking, feeding, hammering, plunging, scraping, wiping, winding, tensioning, raking, diverting, spraying, cleaning, and dipping.

The oscillating valve is supplied with two built-in flow control valves. This makes it easy to adjust the stroke frequency of the actuator.

Pneumatic Version:

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



Version 1/4	Metric Version		NPT Version	
Description	Type Number	Order Number	Type Number	Order Number
Oscillating valve	S9 568/68-1/4-SO	PD 34796	S9 568/68-1/4U-SO	PD 45508