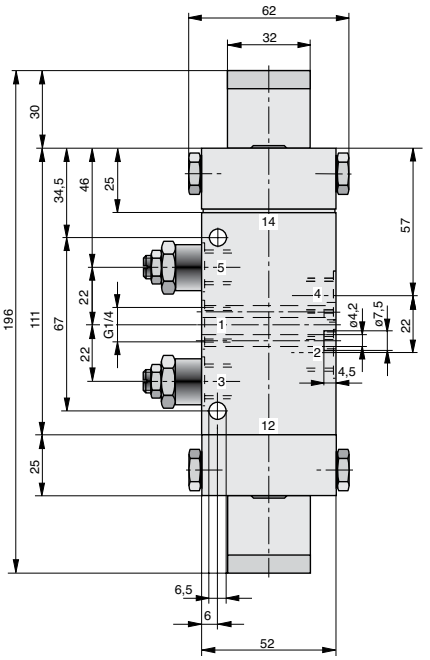
Characteristics to VDI 3290	Pressures quoted as gauge pressure			
Characteristics	Symbol	Unit	Description	
General Features				
System			Spool valve	
Mounting			2 screws M6 (M4)	
Tube connection			Thread	
Port size		NPT (G)	1/4	
Weight (mass)		lbs. (kg)	1.43 (0.65)	
Installation			In any position	
Ambient 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

Dimensions (mm)

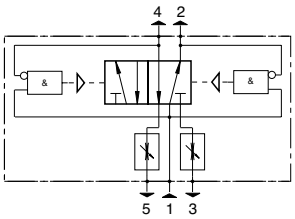


5/2-Way Valve

1/4

oscillating valve

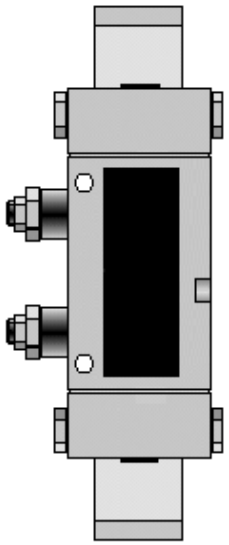
Actuation: Pneumatic



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

Parker Hannifin Corporation
Pneumatic Division
Wadsworth, OH
www.parkeroriga.com