

Skillair® PROGRESSIVE START VALVE

The 2/2 progressive valve comes in two versions, with solenoid or pneumatic actuation.

- STD progressive start valve: a differential balanced valve automatically opens the air port fully when the downstream pressure is about 50% of the upstream pressure.
- Progressive start valve with pneumatic or solenoid actuation: without a pilot, the upstream air flows downstream through the regulation needle. When an external or pneumatic solenoid signal is generated, the valve opens the main port to create full flow. It does not relieve the downstream circuit.



TECHNICAL DATA		VAP 100	
		G 1/4"	G 3/8"
Threaded port		G 1/4"	G 3/8"
Min. inlet pressure **	MPa	0.3	
	bar	3	
	psi	43.5	
Max. inlet pressure*	MPa	1.5	
	bar	15	
	psi	217	
Flow rate at 6.3 bar (0.63 MPa-91 psi)	NI/min	1300	
ΔP 0.5 bar (0.05 MPa – 7 psi)	scfm	46	
Flow rate at 6.3 bar (0.63 MPa-91 psi)	NI/min	2000	
ΔP 1 bar (0.1 MPa – 14 psi)	scfm	71	
Fluid		Filtered, lubricated or unlubricated compressed air. Lubrication, if used, must be continuous	
Max temperature	°C	50	
	°F	122	
Weight	Kg	0.5 ~	
Wall fixing screws		M4x50	
Mounting		In any position	
Type of control		Automatic - Pneumatic – Solenoid – Solenoid pilot-assisted	

** 0.01 MPa – 0.1 bar – 1.45 psi for pneumatic and pilot-assisted versions with controls at min. 0.3 MPa 3 bar 43.5 psi.

* 1 MPa – 10 bar – 1.45 psi

