

PSV (Pneumatic Stop Valve) with single nozzle holder

NEW



Single nozzle holder with 90°
pneumatik quick action connector

Features and advantages:

- Spray pressure max. 8.0 bar
- Compressed air min. 4.5 bar to max. 8.0 bar
- Volumetric flow max. 13.6 l/min
- 4.2 l/min flow with 0.1 bar pressure drop
- MULTIJET bayonet cap system (cf. page 51)
- Folding clamps to fit 1/2", 3/4", 1", 20 and 25 mm tubing
- Mounts to 10 mm hole drilled in tube
- Pneumatic connectors are available as basis, 90°, straight and Y
- Dimensions of pneumatic line for quick-action connectors
 - Outer diameter 6 mm
 - Inner diameter 4 mm
- Valve opens by compressed air and closes by spring force
- Switching time 0.2 sec

Code for pipe diameter:

20 mm	20
1/2"	21
25 mm	25
1/4"	27
1"	34

Code for pre-assembled pneumatic quick-action connectors (optional):

Basis	B
90°	A
Straight	S
Y	Y

Ordering example:

PSV 1/2" with 90° pneumatic connection **065.282.56.21.0A.0**

Range of application

- In all boom sprayers for plant protectants and liquid fertilizers
- As single valve e.g. for banding, distance management along water bodies and terrestrial structures

Main benefits of PSV (Pneumatic Stop Valve)

- Nozzle holder and pneumatic valve are fine tuned
- Fits to all boom designs as dimensions derive from normal single nozzle holder
- Spray pressure in the boom line can be maintained while nozzles are closed
- Immediate jet formation of all nozzles after opening the pneumatic valve
- Ring line allows circulation of the spray liquid in the boom line
 - after adding the chemical to the spray tank
 - after interruption of the application
 - for cleaning purpose
- Pneumatic shut off valves are controlled via central located electro pneumatic valves
- Each boom section responds to one electro pneumatic valve
- Easier boom design as no control units are needed
- Lechler AirPress for smooth unretarded control of pressure thanks to physical properties of compressed air is recommended