

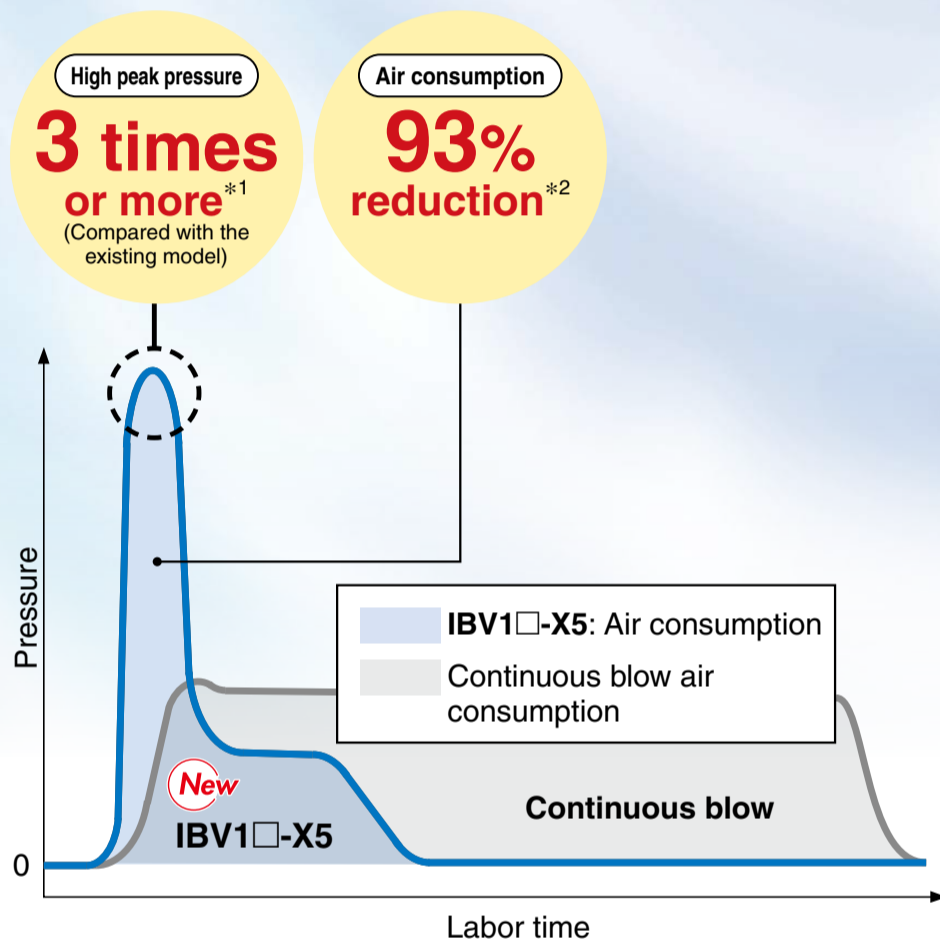
# Increased impact force due to higher peak pressure. Drastic reduction in air consumption and labor time

## Impact Blow Valve

IBV1□-X5/X7(-Q)



Scan the QR code to answer the questionnaire.



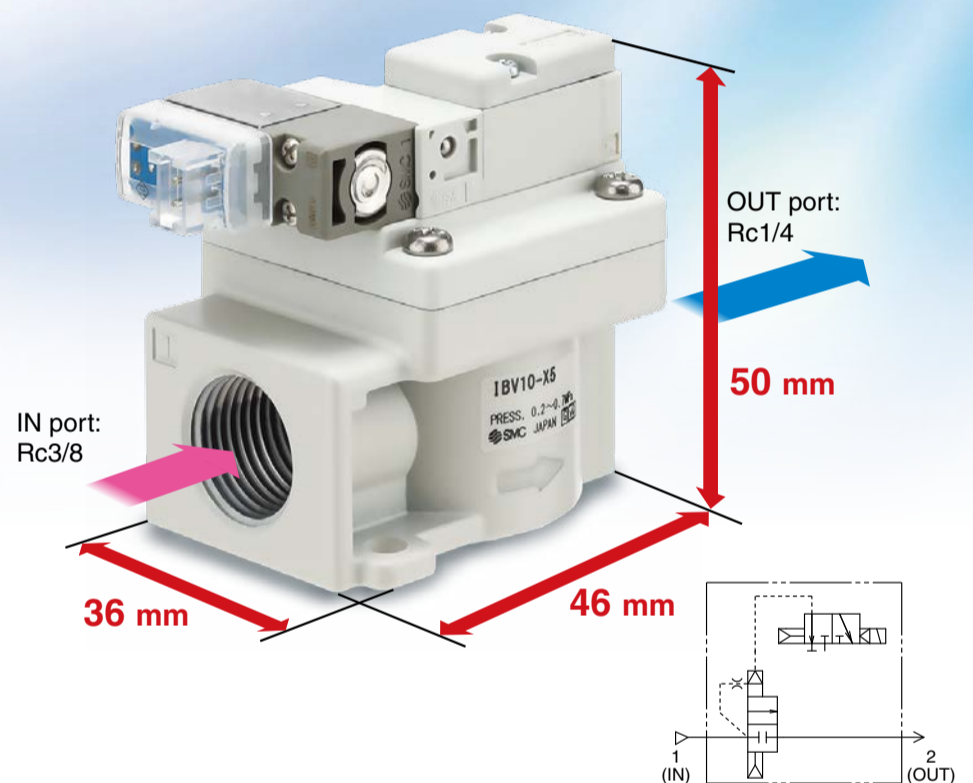
\*1 According to blow conditions

When the piping volume is 100 cc (Piping I.D.  $\phi$ 13, 800 mm)

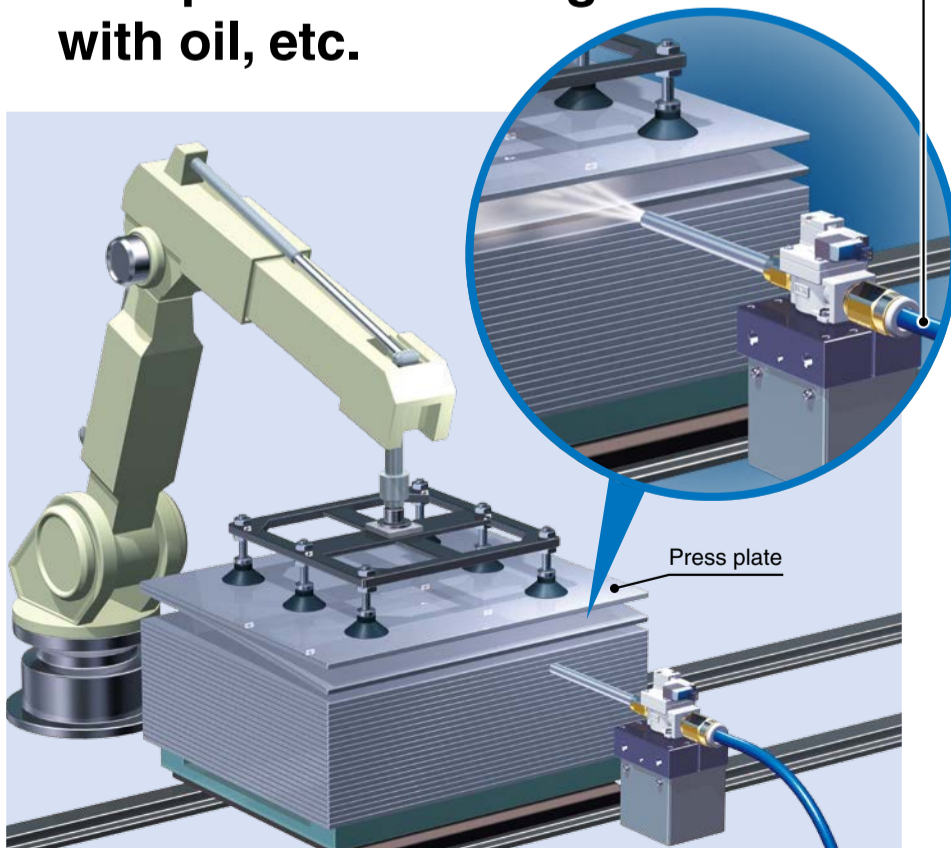
\*2 Pressure: 0.5 MPa (Based on SMC's specific testing conditions)

### Compact design allows for installation in narrow spaces

Solenoid Type/IBV1□-X5/X7(-Q)



### For the separation of workpieces stuck together with oil, etc.



### Use of piping instead of tanks (Tankless construction)

- Miniaturization of valves
- Instantaneous discharge and high peak pressure

The peak pressure can be adjusted by the inlet piping volume.

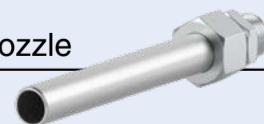
I.D.	Length [mm]	Peak pressure (Compared with the existing model)
$\phi$ 8	2000	2 times
$\phi$ 10	1300	2.5 times
$\phi$ 13	800	3 times

\* Based on SMC's measurement conditions

\* Oscillation may occur if only a minimal amount of air is supplied. Use inlet piping with an inside diameter of  $\phi$ 8 or more, and take measures to prevent the pressure from dropping as much as possible.

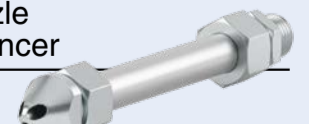
#### Sold Separately

Long nozzle



Nozzle length:  
50/100/150/300 mm

Long nozzle with a silencer



80 dB(A)\*<sup>1</sup> or less  
\*<sup>1</sup> Based on SMC's measurement conditions  
· Supply pressure: 0.5 MPa  
· Inlet side piping conditions: 100 cc