



Pneumatic components

Safety Precautions

Be sure to read this section before use.

Refer to Intro Page 59 for general precautions for using valves.

Product-specific cautions: Shock absorbing valve SKH Series

Mounting, installation and adjustment

⚠ CAUTION

■ Installation positions and types of deceleration command switches

Install the switches at least 350 mm away from the edge of the cylinder end. If the switch is placed any closer, the cylinder exhaust pressure will not rise and the cylinder will hit the end with excessive impact force, which may damage the cylinder or equipment.

When a cylinder switch is used for this command switch, as there may be cases when input detection cannot be performed with the programmable controller, use a cylinder switch, etc., of the off-delay and use the switch so that the switch signal is output for a long time (for a duration which enables detection by the programmable controller).

■ Settings of the relief valve

Do not lower the set pressure of the relief valve prior to adjustment. The exhaust pressure will not rise and the cylinder will hit the end with excessive impact force, which may damage the cylinder or equipment.

■ Installation of regulator

In order to realize the cushioning effect, as the unit operates on pressure control which uses exhaust pressure, configure an air circuit with a regulator installed for stable pressure so that the supplied pressure does not fluctuate.

■ Fixing the relief valve knob

After setting the adjustment for the relief valve, be sure to lock the relief valve knob. Forgetting to lock the knob will cause the knob to loosen and change the set pressure, which may lead to damage of the cylinder or equipment.

Use/maintenance

⚠ CAUTION

■ Intermediate stop

Do not stop the cylinder at an intermediate point for long periods with SKH330, 430, 530, 338, and 438. There is a risk of a "popping out" phenomenon occurring when restarting the unit.

■ Handling during the energized state

Do not remove the DIN terminal while the solenoid valve is energized. Doing so may create a short circuit or cause electrocution.

SKH

Silencer

TotAirSys
(Total Air)

TotAirSys
(Gamma)

Ending