

Piping Check Sheet

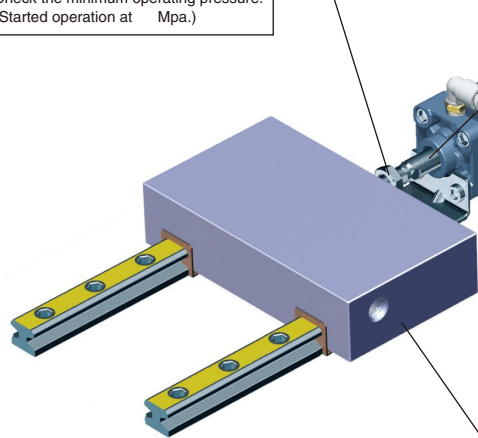
Please enter an "O" for Yes and "X" for No.
Be sure to check the items with a "*" for trouble during a trial run.

★ The connected actuator may move. Make sure that there is no damage to tools and equipment during operation.

Overall System
How many years has it been used? (Yrs. Mos.)
 *Cylinder operates.
 *Supply pressure does not decrease 0.1 Mpa or more during operation.

[Load/Guide]
 *Equipped with floating mechanism.
 *No misalignment between guide and shaft.
 No load fluctuation.

Check the minimum operating pressure.
(Started operation at Mpa.)



[Rod]
 No leakage.
 No scratches on rod surface.
 No dispersion or adhesion of dust, water, etc.
 No problem with greasing.

[Air Cushion]
 *Adjusted normally.

[Solenoid valve/Pilot valve]
 *Specified power is supplied.
★ *Manual operation switches normally.
 *Minimum operating pressure is supplied.
 No external damage.

[Solenoid valve/PE port]
 *Plug is not connected.

[Lubricator]
 No problem with oil capacity.
 No problem with drop amount.

[Filter]
 No impurities in element.
 Drain discharges.

[Operation and environmental check]
 *Reaching required stroke end.
 *External or built-in lock mechanism has been released.

 *External stopper is functioning normally.
 No problems with operation of shock absorber.

[Silencer]
 No clogging of silencing material.
 No impurities in silencing material.
 No leakage at all times.

[Tubing]
 No condensation or freezing.
 No breakage or flattening.

[Regulator]
 *Correct flow direction (IN/OUT)
 *Pressure cannot be set. → Non-relief type
 *No problem with set pressure. (supply pressure of 85% or less)
 *No looseness of bonnet seal.
 *No external leakage. (Not used in parallel)
 No abnormal deflection in pressure gauge.

[Speed controller]
 *The directivity of the meter-in and meter-out is correct.

 Restrictor is adjusted properly.

