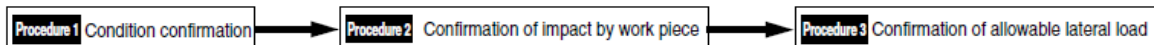


Information required for sizing Escapements:

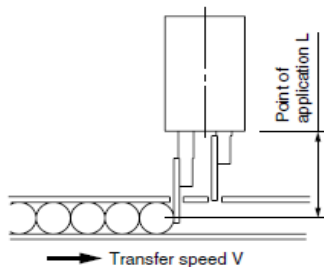
1) Operating Pressure?
2) Workpiece Weight?
3) Workpiece Quantity?
4) Point of Application?
5) Workpiece Transfer Speed?
6) Friction Coefficient between Part and Conveyor?
7) Cylinder Orientation?

Selection procedure



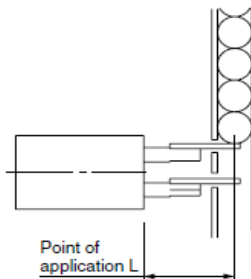
Procedure 1 Confirmation of conditions

- The work piece moves horizontally on the conveyor.



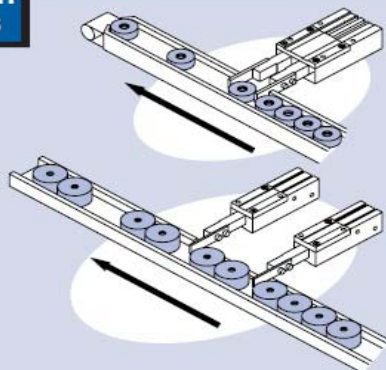
Operation conditions
 Operating pressure P (MPa)
 Work piece weight m (Kg)
 Work piece quantity x (Qty.)
 Point of application L (mm)
 Work piece transfer speed
 V (m/min)
 Coefficient of friction
 between the work piece
 and conveyor μ

- When the work piece drops vertically from a shooter, etc.



Operation conditions
 Operating pressure P (MPa)
 Work piece weight m (Kg)
 Work piece quantity x (Qty.)
 Point of application L (mm)
 Distance of work piece drop
 H (m/min)
 Gravitational acceleration g (m/s²)

Application examples



MIW Double finger type

Single valve operation easily separates and feed each work piece.



MIS Single finger type

Operating speed and mounting position can be set according to the size of work piece and its operating condition.

