

# PNEUMATIC CYLINDER

## Usage :

Pneumatic cylinders / air cylinders are mechanical devices which use the power of compressed air / gas to produce a force in a reciprocating linear motion.

Pneumatic cylinders are used mainly for factory/process automations due to following advantages.

## Advantages



- ✔ uses air
- ✔ the compressibility of air
- ✔ simple in construction and easy to handle
- ✔ ability to control pressure and force
- ✔ low Maintenance
- ✔ explosion-proof
- ✔ low cost
- ✔ fire-proof

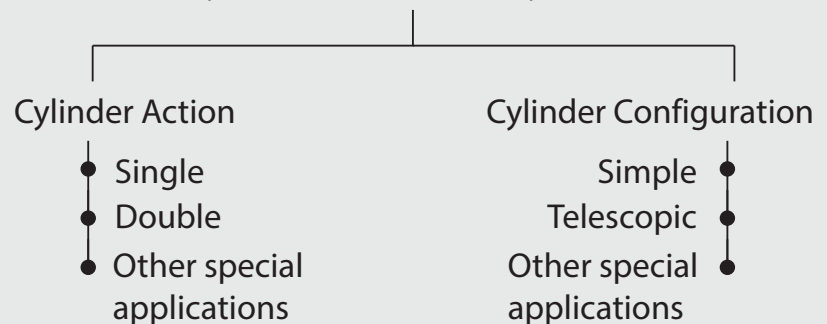
## Disadvantages



- ✔ high force requirement  
hydraulic is a better option



## Types Of Pneumatic Cylinder



## Body Material

- ✔ Aluminum
- ✔ Plastic
- ✔ Stainless Steel
- ✔ Other on request

## Mounting Options

- ✔ None
- ✔ Clevis
- ✔ Double-end Mount
- ✔ Flange
- ✔ Floating Mount Bracket
- ✔ Others on request