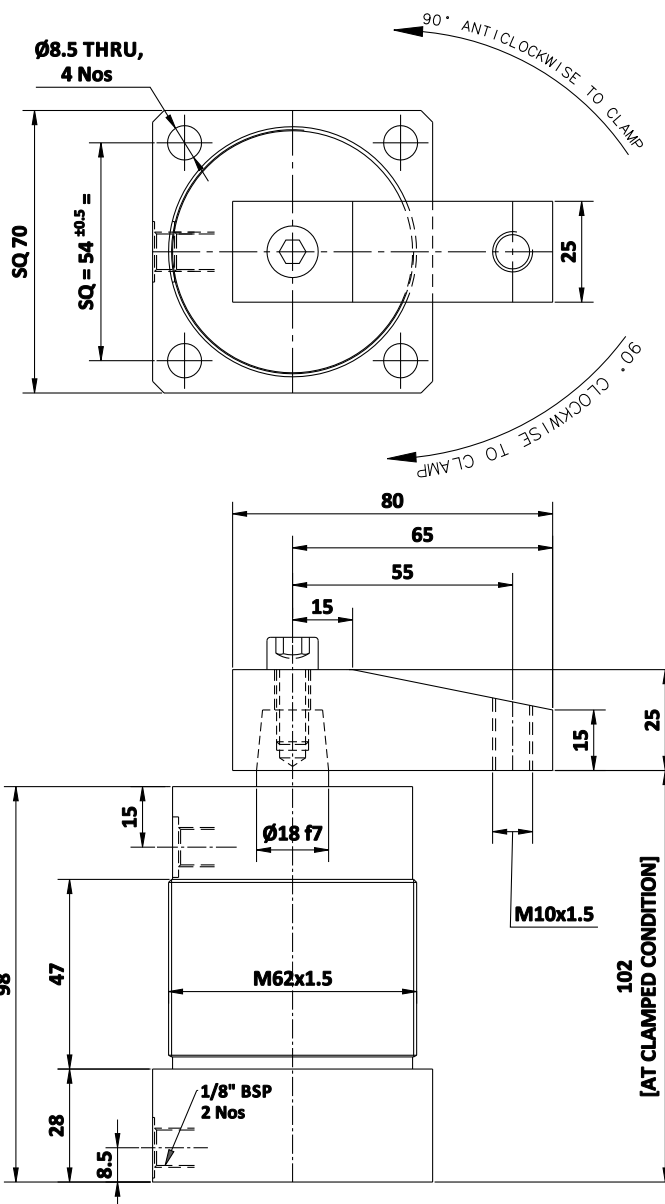




# Pneumatic Swing Cylinder

Double Acting



- All dimensions are in mm
- Overall dimensional tolerance  $\pm 0.5$

## Description

- These cylinders are "Pull-Type" cylinders where the piston rotates by  $90^\circ$  (in CW or CCW direction) during the swing stroke and then travels in a straight line during the clamping stroke. A solid, one piece construction ensures perfect alignment of internal components and maximum clamping rigidity.

## Features

- Type : Double Acting
- Min. working pressure :  $5 \text{ kg/cm}^2$
- Max. working pressure :  $15 \text{ kg/cm}^2$

## Application

- Pneumatic swing cylinders are used for light clamping when it is necessary to keep the clamping area clear for unrestricted loading and unloading of work pieces.

## Important Notes

- To avoid the damage of swing mechanism hold the clamping strap in a vice while tightening and loosening the clamping strap nut.
- Clamp the job in the straight clamp stroke only.
- Do not exceed standard strap length.
- To prevent damage to the swing mechanism due to impact, use flow control valves at both ports.
- For seal kits, add prefix SK to part no.

SPECIFICATIONS							
SIZE	BORE (mm)	ROD (mm)	CLAMP STROKE (mm)	TOTAL STROKE (mm)	CLAMP FORCE at $5 \text{ kg/cm}^2$ (kgf)	STANDARD PART No's (Without Clamping Strap)	
						COUNTER CLOCK WISE	CLOCK WISE
5	50	18	14	28	85	4180-526	4180-529