Pneumatic Swing Cylinder
Double Acting

Description
- These cylinders are “Pull-Type” cylinders where the piston rotates by 90° (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 kg/cm²
- Max. working pressure: 15 kg/cm²

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

<table>
<thead>
<tr>
<th>SIZE</th>
<th>BORE (mm)</th>
<th>ROD (mm)</th>
<th>CLAMP STROKE (mm)</th>
<th>TOTAL STROKE (mm)</th>
<th>CLAMP FORCE at 5 kg/cm² (kgf)</th>
<th>STANDARD PART No’s (Without Clamping Strap)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>50</td>
<td>18</td>
<td>14</td>
<td>28</td>
<td>85</td>
<td>4180-526</td>
</tr>
</tbody>
</table>

Counter Clock Wise
Clock Wise

*All dimensions are in mm
*Overall dimensional tolerance ±0.5

Subject to change without notice