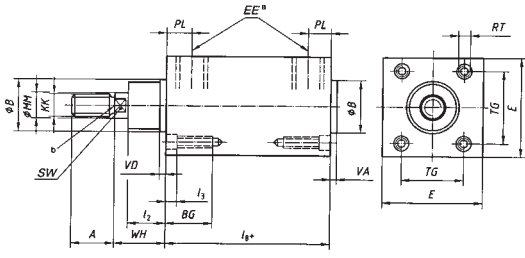
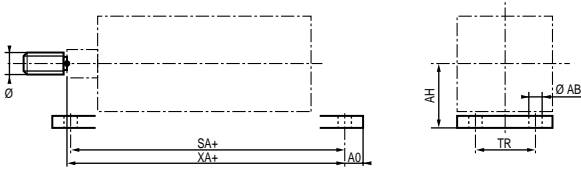
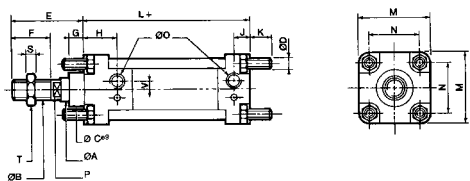


STANDARDS OF CYLINDERS Ø 32 to 320 mm	INTERCHANGEABILITY	
	within the standard	between standards
<p><b>ISO 15552 cylinders</b> (year: 2004)</p> <p>This new international standard <b>cancels and replaces</b> ISO 6431. It defines the outer dimensions of a <b>bare</b> cylinder and equipped with its mountings.</p>  <p>ASCO JOUCOMATIC cylinder, type PES, complies with the international standards</p>	<p>Full interchangeability between the manufacturers is achieved at every level:</p> <ul style="list-style-type: none"> <li>• bare cylinder,</li> <li>• each mounting,</li> <li>• complete unit.</li> </ul>	
<p><b>AFNOR NF ISO 15552</b> (june 2004) - DIN ISO 15552</p> <p>These standards fully include the international standard ISO 15552. L'AFNOR NF ISO 15552 is completed with a definition of the rod diameters MM and cancels and replaces standard NFE 49003 parts 1 to 3.</p> <p>ASCO JOUCOMATIC cylinder, type PES, complies with the international standards</p>		<p>For full interchangeability with ISO 15552, ISO 6431 cylinder must be equipped with its mountings, and reciprocally.</p>
<p><b>ISO 6431 cylinders</b> (year: 1983)</p> <p>This international standard defined a cylinder unit equipped with its mountings without specifying the bare cylinder alone. It is cancelled and replaced by above standard ISO 15552.</p>  <p>ASCO JOUCOMATIC cylinder, type PES, complies with the international standards</p>	<p>Interchangeability between manufacturers is achieved by replacing both the cylinder <b>and</b> its mountings.</p>	
<p><b>AFNOR NFE 49003 - VDMA 24562 cylinders</b> (year: 1992)</p> <p>These standards first define the outer dimensions of a <b>bare</b> cylinder and then its mountings; the cylinder with its mountings installed then corresponds to a <b>cylinder unit according to above standard ISO 6431</b></p>	<p>Full interchangeability between the manufacturers is achieved at every level:</p> <ul style="list-style-type: none"> <li>• bare cylinder,</li> <li>• each mounting,</li> <li>• complete unit.</li> </ul>	<p>A cylinder to AFNOR NFE 49003 - either bare or equipped with its mountings - is interchangeable with a cylinder to AFNOR NF ISO 15552 and vice versa.</p>
<p><b>CNOMO 06.07.02/AFNOR NFE 49001 cylinders</b> (year: 1968)</p> <p>The French standards define first all the external dimensions of a <b>bare</b> cylinder then the mountings</p>  <p>ASCO JOUCOMATIC cylinder, type PCN series 437, complies with the French standards</p>	<p>Full interchangeability between the manufacturers is achieved at every level:</p> <ul style="list-style-type: none"> <li>• bare cylinder,</li> <li>• each mounting,</li> <li>• complete unit.</li> </ul>	<p>No interchangeability can be achieved between CNOMO/NFE 49001 cylinder (bare or equipped) and AFNOR NFE 49003 cylinder or ISO 6431 cylinder, and reciprocally.</p>

Note : ISO 6432 and AFNOR NFE 49030 standards apply only to mini-cylinders Ø 8 to 25 mm.