

May 27<sup>th</sup>, 2019

## Introducing Operating Caution of Needle Valve in Catalogue

Thank you for supporting Mindman product.

Adjustable MCM\* Mini Cylinder/MCKM\* No-rotating Cylinder/MCMBL Rod Locking Cylinder/MCC\* Round Cylinder will have following changes in the catalogue.

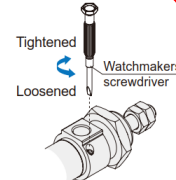
### 1. Models

MCM1/MCKM1/MCMA/MCMB/MCKMB/MCMBL/MCMBRA/MCMBRB  
MCCG/MCCN

### 2. Reason

We add operating caution of needle valve for customers in catalogue to prevent product malfunction while adjusting the needle valve.

### 3. Comparison

Before	After																																										
Without caution	Caution introduced																																										
<p><b>Order example</b></p> <p>MCM1 - 11 - 16 - 100 - A - N</p> <p>MODEL: 1: Single rod, 2: Double rod; TUBE I.D.: 16; STROKE: 100; Blank: Standard; N: Non-pivot type (end-plain); Blank: Cushion pad (Unadjustable); A: Cushion air (Adjustable) (*); *#8-12 not applicable.</p> <p><b>STYLE</b></p> <table border="1"> <thead> <tr> <th>Code</th> <th>Symbol</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1 1</td> <td></td> <td>Double acting / Male thread</td> </tr> <tr> <td>1 3</td> <td></td> <td>Single acting / Normally extended male thread</td> </tr> <tr> <td>1 5</td> <td></td> <td>Single acting / Normally returned male thread</td> </tr> <tr> <td>2 1</td> <td></td> <td>Double rod / Male thread</td> </tr> <tr> <td>2 7</td> <td></td> <td>Double rod / Adjustable male thread Please mark "adjustable distance(mm)" at order list</td> </tr> </tbody> </table> <p>* Single acting type, please consult us. * Order example for special specification, refer to page 0-7.</p> <p><b>Mounting accessories</b></p> <p>LB - MCM1 - 16</p> <p>MODEL: TUBE I.D.</p> <p><b>MOUNTING TYPE</b></p> <table border="1"> <thead> <tr> <th>Symbol</th> <th>LB</th> <th>FA</th> <th>FB</th> <th>Y</th> <th>I</th> <th>YS</th> </tr> </thead> <tbody> <tr> <td></td> <td>Blank</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Y, I, YS, please refer to page 3-13.</p>	Code	Symbol	Description	1 1		Double acting / Male thread	1 3		Single acting / Normally extended male thread	1 5		Single acting / Normally returned male thread	2 1		Double rod / Male thread	2 7		Double rod / Adjustable male thread Please mark "adjustable distance(mm)" at order list	Symbol	LB	FA	FB	Y	I	YS		Blank						<p>A - N</p> <p>Blank: Standard N: Non-pivot type (end-plain) ion pad (Unadjustable) air (Adjustable) (*) applicable.</p> <p>LB - MCM1 - 16</p> <p>MODEL: TUBE I.D.</p> <p><b>MOUNTING TYPE</b></p> <table border="1"> <thead> <tr> <th>Symbol</th> <th>LB</th> <th>FA</th> <th>FB</th> <th>YS</th> </tr> </thead> <tbody> <tr> <td></td> <td>Blank</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Y, I, YS, please refer to page 3-13.</p> <div style="border: 2px solid red; padding: 10px; margin-top: 10px;"> <p><b>Caution</b></p> <p>For (A) Cushion air (Adjustable)</p> <ol style="list-style-type: none"> <li>To adjust a cushion needle, please slowly turn the needle valve from the fully closed status to the required status whose turns need to be within 2.5 circles.</li> <li>If the needle valve loosen excessively, the buffer can't take effect and the lifetime of cylinder can shorten.</li> </ol>  </div>	Symbol	LB	FA	FB	YS		Blank			
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### 4. Effective date

Starting from May 29<sup>th</sup>, 2019.

### 5. Other

If you need further support, please contact our sales department.