

# SINGLE CONVOLUTION BELLOWS



## PRODUCT DESCRIPTION

Single convolution bellows are protective components for shaft joints that are primarily subjected to angular movement. The axial flexibility is limited.

## PRODUCT ADVANTAGES

Single convolution bellows prevent the escape of lubricant at shaft joints and protect the joints against soiling.

## APPLICATION

Single convolution bellows are used when a short stroke and narrow angle are to be sealed.

Example: ball joint, connection of two tube ends.

## MATERIAL

| Material | Hardness           |
|----------|--------------------|
| CR       | 42/50 Shore A      |
| NBR      | approx. 45 Shore A |

Other materials on enquiry (after clarification of the material-job specification and the type).

## OPERATING CONDITIONS

| Material | Temperature     | Dynamic loading | Mineral oil and grease resistance |
|----------|-----------------|-----------------|-----------------------------------|
| CR       | -40 ... +100 °C | very good       | sufficient                        |
| NBR      | -30 ... +100 °C | sufficient      | good                              |

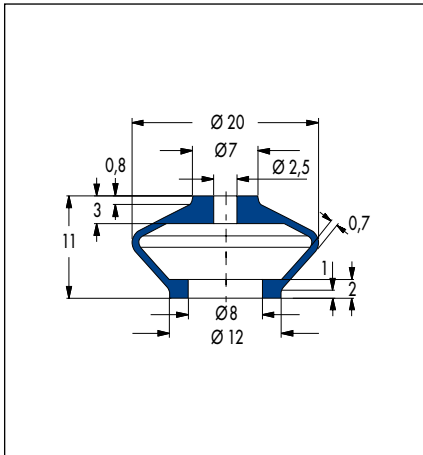
The values listed in the table are recommended values.

→ Technical Manual.

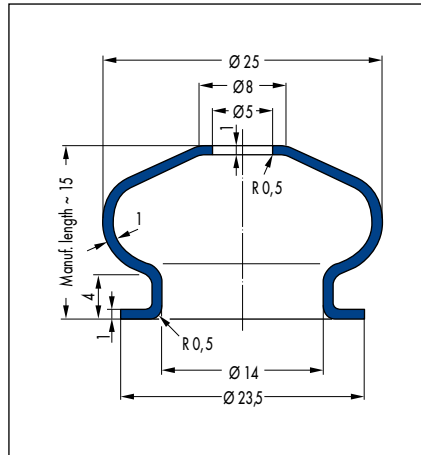
## FITTING & INSTALLATION

The moving section of the bellows must not come into contact with the sharp edges on the shaft joint or with the surrounding parts of the machine.

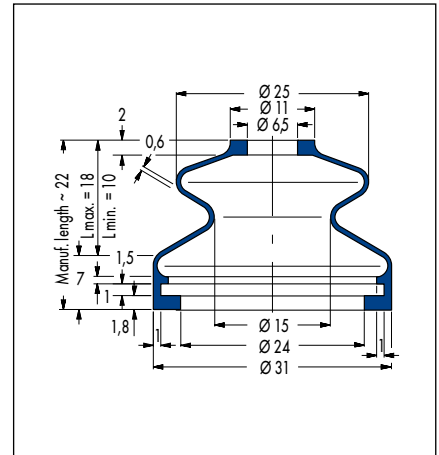
Hose clips should be used on the bellows connections to fasten the bellows to the joint.



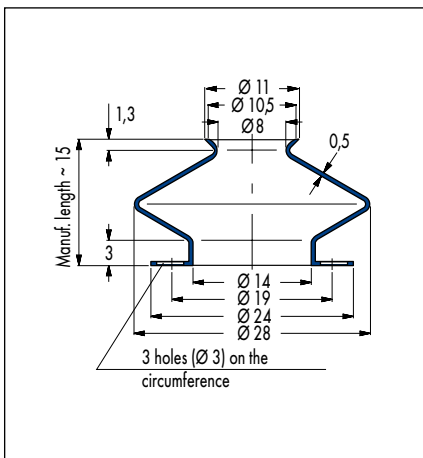
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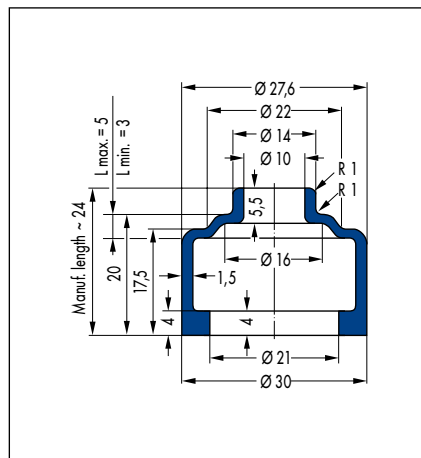
V6-00889, Article No. 38373



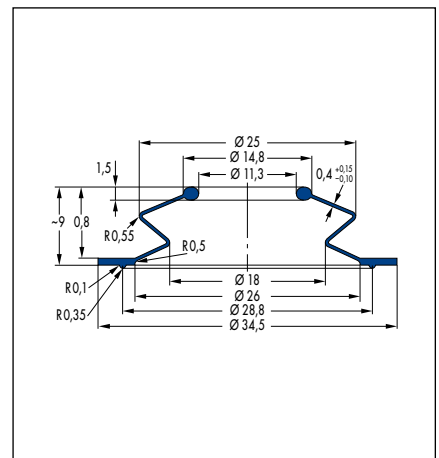
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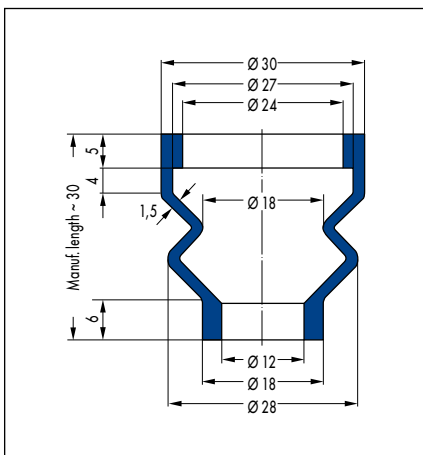
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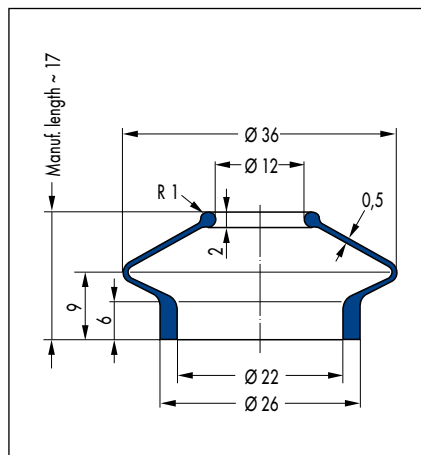
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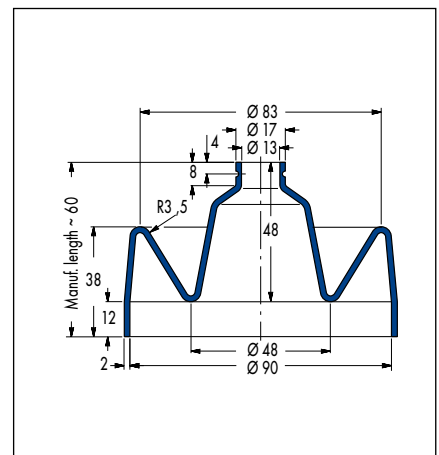
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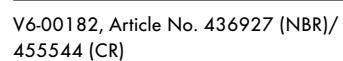
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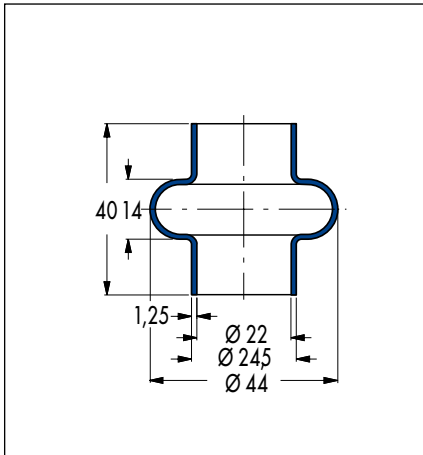


V6-00672, Article No. 400800

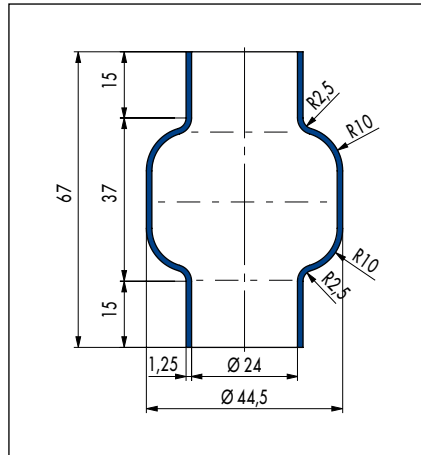
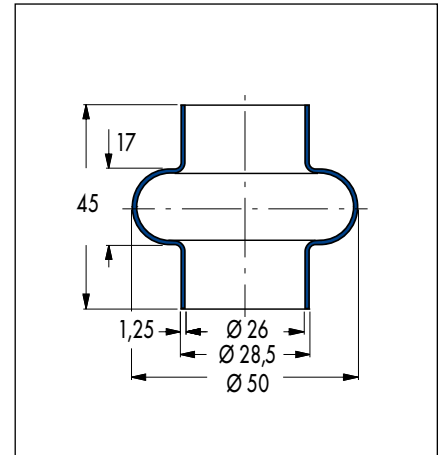


V6-00614, Article No. 457504

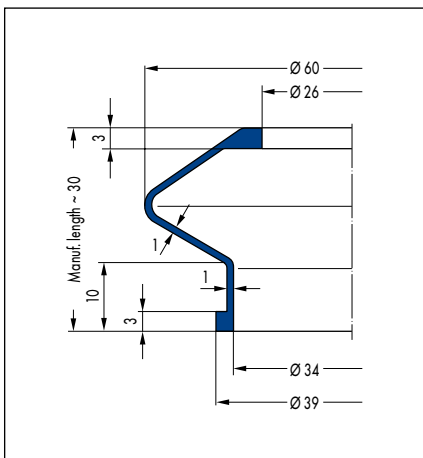




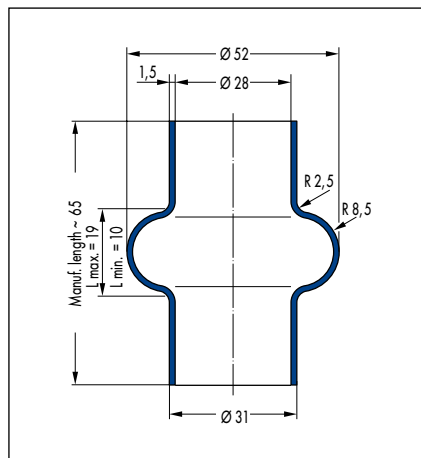
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V6-00414, Article No. 436702 (CR)/  
436705 (NBR)

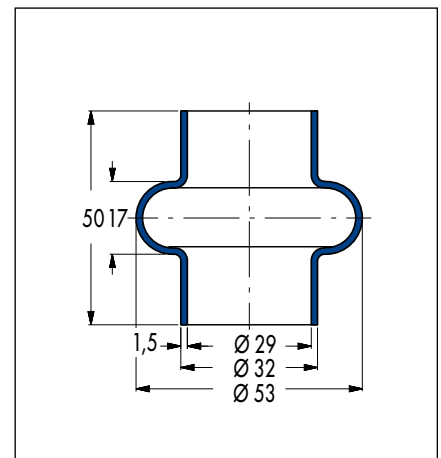
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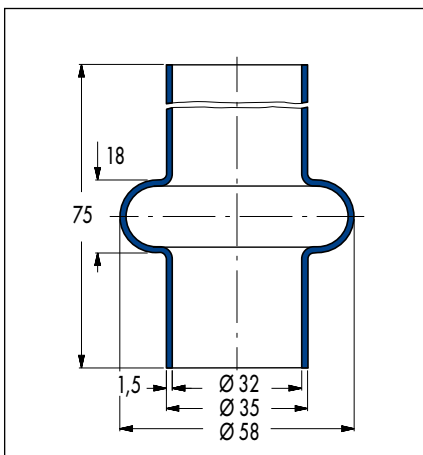
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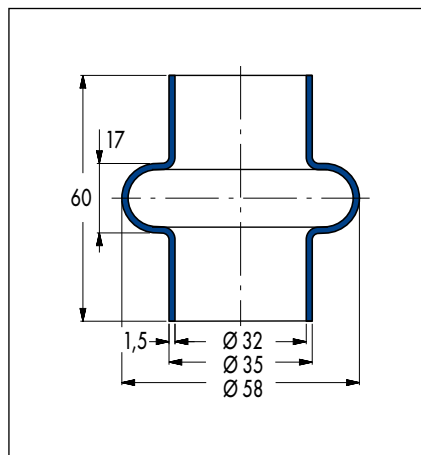
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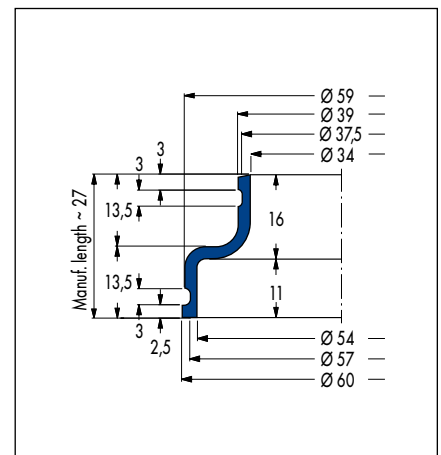
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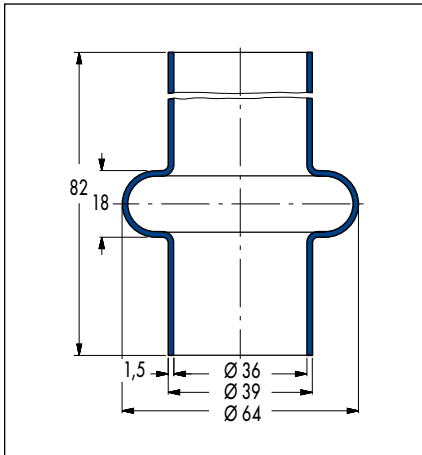
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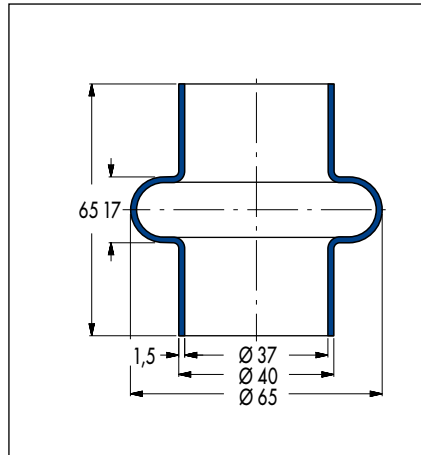
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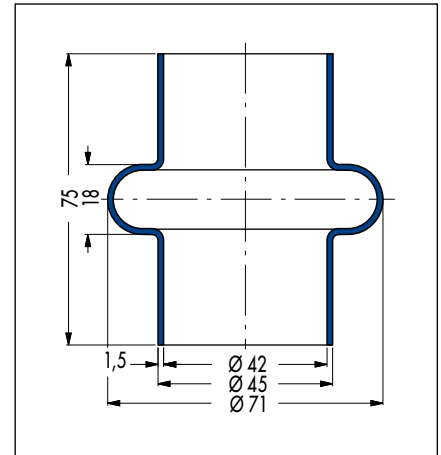
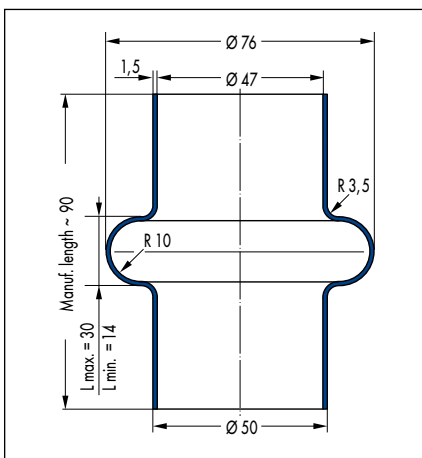
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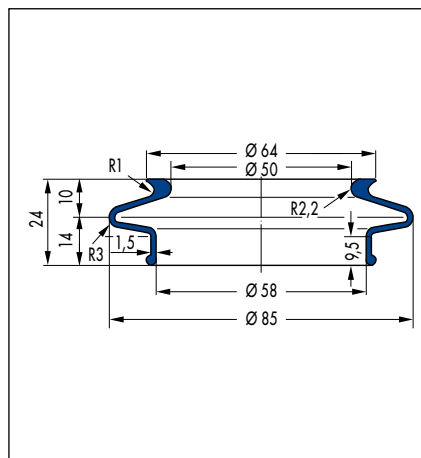
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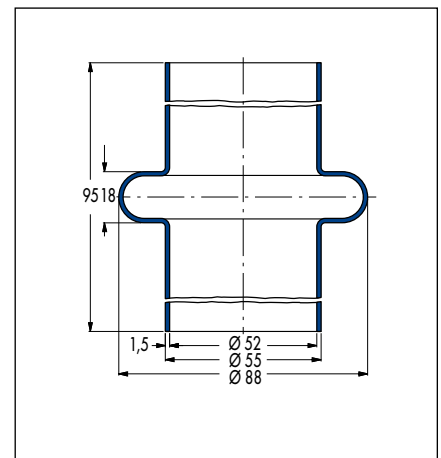
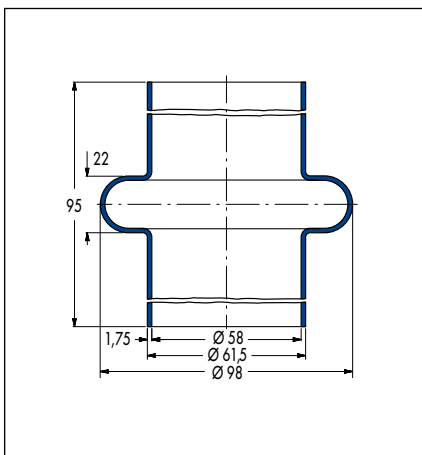
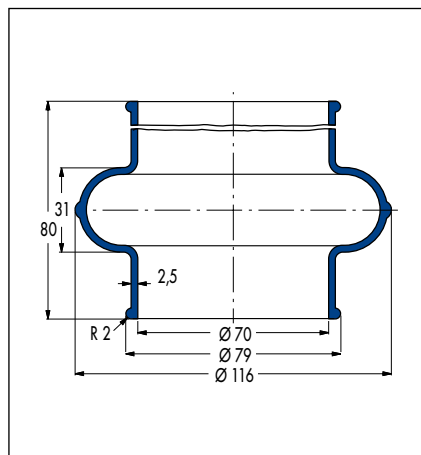
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V6-00067, Article No. 430851 (NBR)/  
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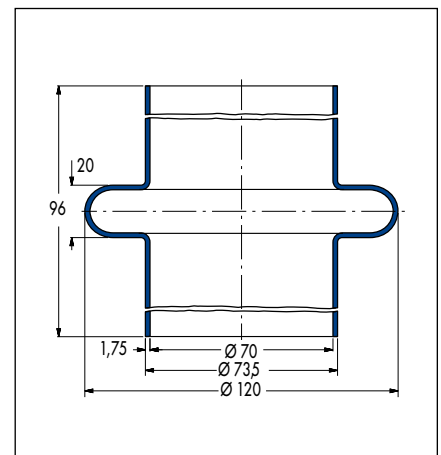
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V6-00002, Article No. 31658

V6-00089, Article No. 432921 (CR)/  
432923 (NBR)V6-00101, Article No. 434009 (NBR)/  
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V6-00246, Article No. 440301



V6-00102, Article No. 29269

