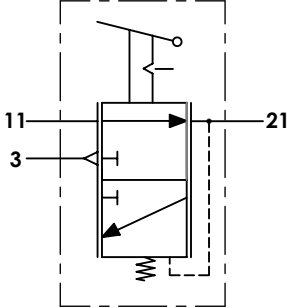
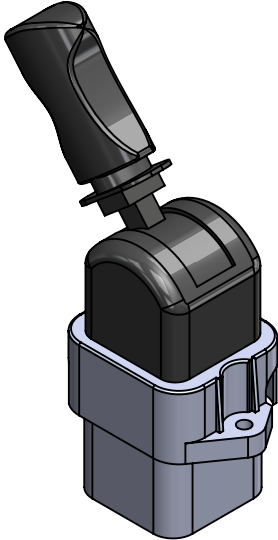
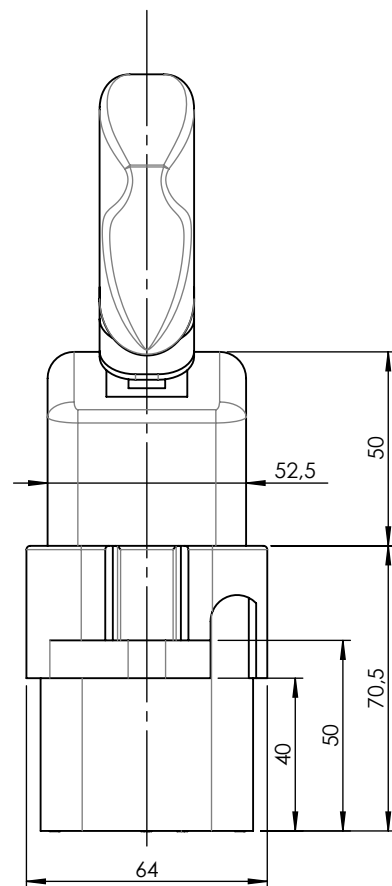
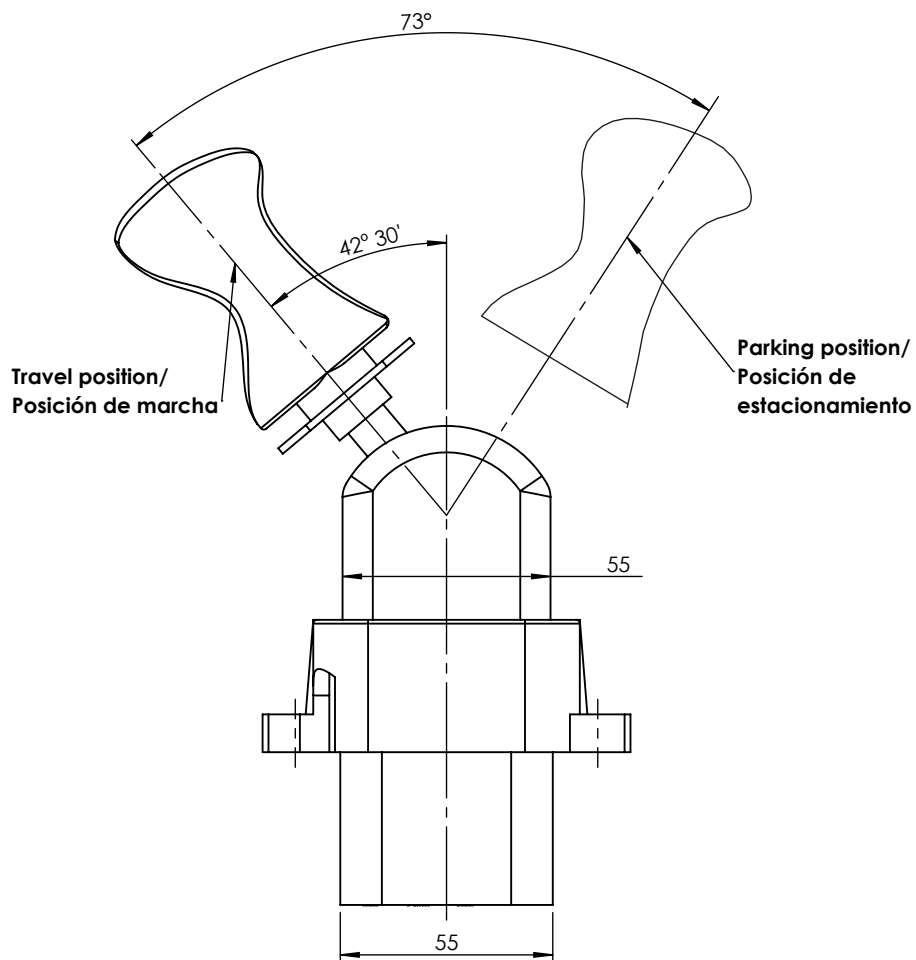
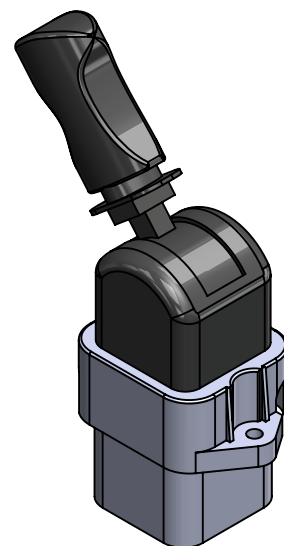
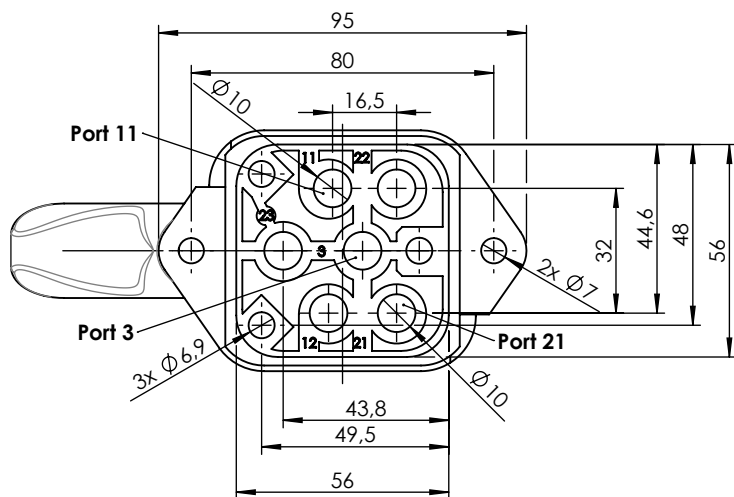
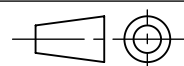


|                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2              | 3                  | 4      |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|--------|--------------------|--------------------|---------------------------------------------------------------------------------------|--------------|-----------------------|---------|---------------------------------------------------------------------------------------|-------------------------------------------------|---------|---|------------------|---------------|---|--|--|--|---------|---|--|--|--|---------------|--|--|--|--|--|--|----|----------|------|--------|-------------------|----------|---|----------|--|--|--|--|---|-----------|------------------|--|--|--|--|--|----------|---------------|---------|---|----------|---------------------------------------------------------------------------------------|--------------|-----------|
| A                  | <b>Technical sheet / Datos técnicos:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| B                  | Part number adaptable to / Referencia adaptable a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                | DPM67A             |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | Operating pressure / Presión de trabajo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | max. 10 bar        |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | Actuation angle / Ángulo de accionamiento                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | 73°                |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | Permissible medium / Medio de funcionamiento                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                | Air / Aire         |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | Operating temperature range / Rango de temperatura                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                | -40°C to / a +80°C |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| B                  | Weight / Peso                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                | 1100 gr            |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| C                  | <div style="display: flex; justify-content: space-around; align-items: center;">   </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| D                  | <table border="1"> <thead> <tr> <th>Port / Conexión</th> <th>Function / Función</th> <th>Thread / Rosca</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Supply / Alimentación</td> <td>Ø 10 mm</td> </tr> <tr> <td>21</td> <td>Delivery to relay valve / Salida a válvula relé</td> <td>Ø 10 mm</td> </tr> <tr> <td>3</td> <td>Exhaust / Escape</td> <td>-</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                    |        | Port / Conexión    | Function / Función | Thread / Rosca                                                                        | 11           | Supply / Alimentación | Ø 10 mm | 21                                                                                    | Delivery to relay valve / Salida a válvula relé | Ø 10 mm | 3 | Exhaust / Escape | -             |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| Port / Conexión    | Function / Función                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Thread / Rosca |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| 11                 | Supply / Alimentación                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ø 10 mm        |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| 21                 | Delivery to relay valve / Salida a válvula relé                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ø 10 mm        |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| 3                  | Exhaust / Escape                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -              |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| E                  | <p><b>Purpose / Propósito:</b> Parking braking actuation due to pressure release of spring brakes actuators. / Accionamiento del freno de estacionamiento gracias al alivio de la presión en las cámaras de muelle de los actuadores de freno.</p> <p><b>Installation requirements / Requisitos para la instalación:</b> The valve is fastened using two screws M6. / La válvula es fijada usando dos tornillos M6.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| F                  | <table border="1"> <tr> <td rowspan="5">Modification<br/>nº</td> <td>4</td> <td></td> <td></td> <td></td> <td>Drawn</td> <td rowspan="5">  </td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td>10/09/19 R.A.</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td>Checked</td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td>10/09/19 O.V.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>nº</td> <td>Modified</td> <td>Date</td> <td>Reason</td> <td>General Tolerance</td> <td>Assembly</td> <td>-</td> </tr> <tr> <td colspan="5">Comments</td> <td>-</td> <td>Part name</td> <td>Hand brake valve</td> </tr> <tr> <td colspan="5" rowspan="3"></td> <td>Material</td> <td>ID. Reference</td> <td>2324209</td> </tr> <tr> <td rowspan="2">-</td> <td>Scale: -</td> <td rowspan="2">  </td> <td rowspan="2">Sheet<br/>1/2</td> </tr> <tr> <td>Review: 0</td> </tr> </table> |                |                    |        | Modification<br>nº | 4                  |                                                                                       |              |                       | Drawn   |  | 3                                               |         |   |                  | 10/09/19 R.A. | 2 |  |  |  | Checked | 1 |  |  |  | 10/09/19 O.V. |  |  |  |  |  |  | nº | Modified | Date | Reason | General Tolerance | Assembly | - | Comments |  |  |  |  | - | Part name | Hand brake valve |  |  |  |  |  | Material | ID. Reference | 2324209 | - | Scale: - |  | Sheet<br>1/2 | Review: 0 |
| Modification<br>nº | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                    |        |                    | Drawn              |  |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                    |        |                    | 10/09/19 R.A.      |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                    |        |                    | Checked            |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                    |        |                    | 10/09/19 O.V.      |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                    |        |                    |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | nº                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Modified       | Date               | Reason | General Tolerance  | Assembly           | -                                                                                     |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
| Comments           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                    |        | -                  | Part name          | Hand brake valve                                                                      |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                    |        | Material           | ID. Reference      | 2324209                                                                               |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                    |        | -                  | Scale: -           |  | Sheet<br>1/2 |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                    |        |                    | Review: 0          |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |
|                    | PG/18/02 rev.1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                | 2                  | 3      | 4                  |                    |                                                                                       |              |                       |         |                                                                                       |                                                 |         |   |                  |               |   |  |  |  |         |   |  |  |  |               |  |  |  |  |  |  |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |                  |  |  |  |  |  |          |               |         |   |          |                                                                                       |              |           |



|          |              |          |      |        |                   |               |
|----------|--------------|----------|------|--------|-------------------|---------------|
| F        | Modification | 4        |      |        |                   | Drawn         |
|          |              | 3        |      |        |                   | 10/09/19 R.A. |
|          |              | 2        |      |        |                   | Checked       |
|          |              | 1        |      |        |                   | 10/09/19 O.V. |
|          | nº           | Modified | Date | Reason | General Tolerance | Assembly      |
| Comments |              |          |      |        | ISO 2768 c-K      | Part name     |
|          |              |          |      |        | Material          | ID. Reference |
|          |              |          |      |        | -                 | Scale: 1/2    |
|          |              |          |      |        |                   | Review: 0     |

**cojali**



Sheet  
2/2