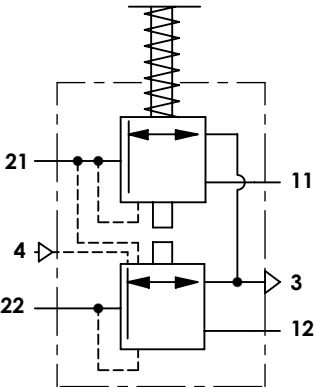
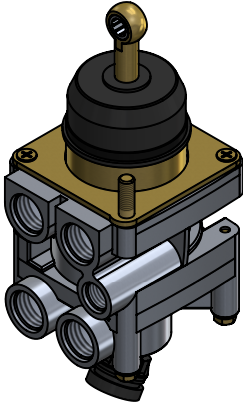
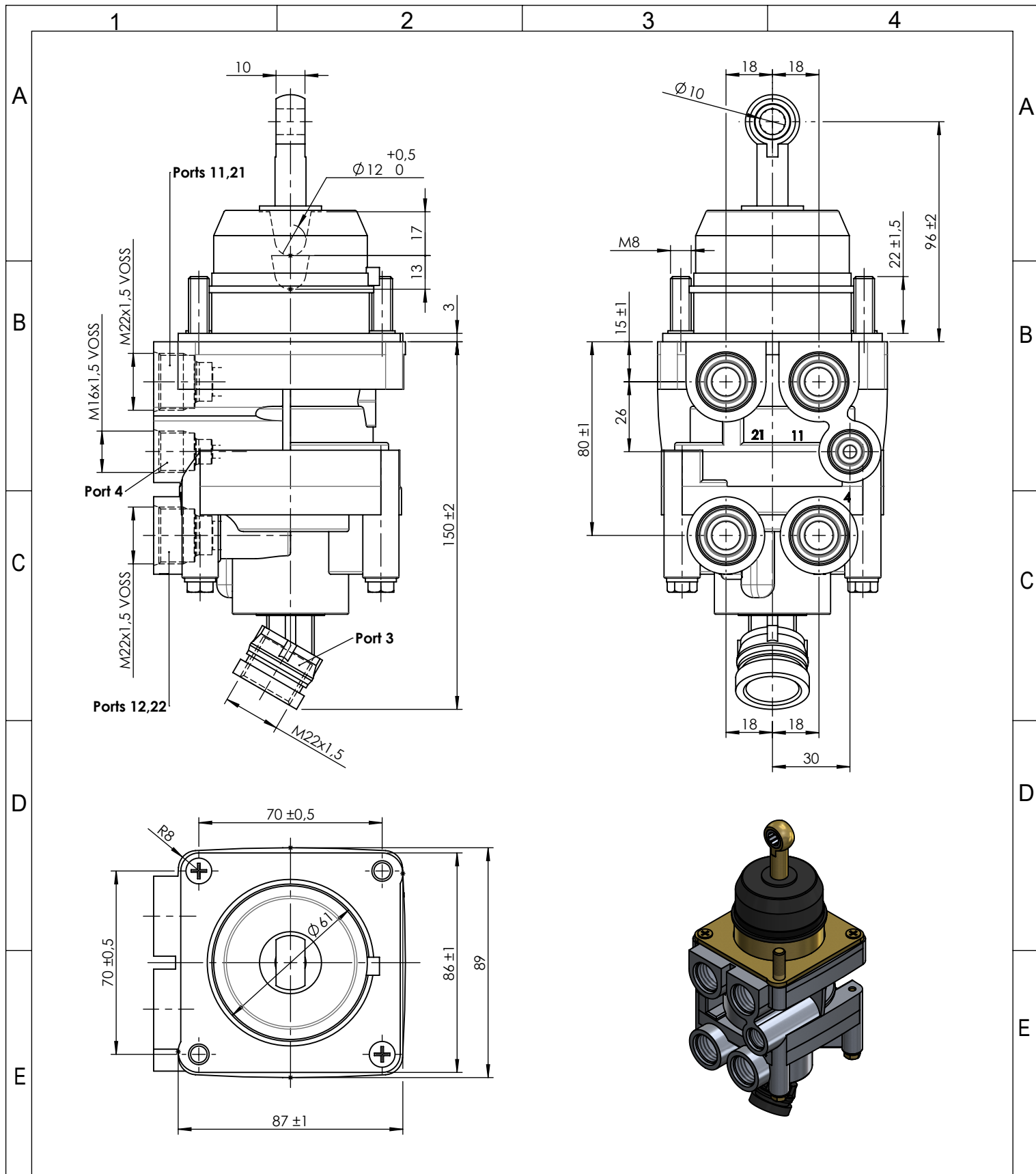
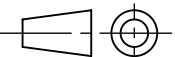


| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                     |                | 3      |                   | 4                                                                                  |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------|--------|-------------------|------------------------------------------------------------------------------------|----------|-----------------|--------------------|-------------------|----|-----------------------|--------------|----|-----------------------|--------------|---|--------------------|--------------|---------------|-------------------|--------------|----|-------------------|--------------|---|------------------|---------|---|---------------|---------------------------------------------------------------------------------------|--|---|
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Technical sheet / Datos técnicos:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                |        |                   |                                                                                    |          | A               |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Part number adaptable to / Referencia adaptable a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                |        |                   | MB4841                                                                             |          | B               |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Operating pressure / Presión de trabajo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                |        |                   | max. 10,5 bar                                                                      |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Predominance / Predominancia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |        |                   | ≤ 0,2 bar                                                                          |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Permissible medium / Medio de funcionamiento                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |        |                   | Air / Aire                                                                         |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Operating temperature range / Rango de temperatura                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                |        |                   | -40°C to / a +80°C                                                                 |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Weight / Peso                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                |        |                   | 1700 gr                                                                            |          | C               |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                |        |                   |  |          | D               |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <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>M22x1,5 VOSS</td> </tr> <tr> <td>12</td> <td>Supply / Alimentación</td> <td>M22x1,5 VOSS</td> </tr> <tr> <td>4</td> <td>Control / Pilotaje</td> <td>M16x1,5 VOSS</td> </tr> <tr> <td>21</td> <td>Delivery / Salida</td> <td>M22x1,5 VOSS</td> </tr> <tr> <td>22</td> <td>Delivery / Salida</td> <td>M22x1,5 VOSS</td> </tr> <tr> <td>3</td> <td>Exhaust / Escape</td> <td>M22x1,5</td> </tr> </tbody> </table> |                       |                |        |                   |                                                                                    |          | Port / Conexión | Function / Función | Thread / Rosca    | 11 | Supply / Alimentación | M22x1,5 VOSS | 12 | Supply / Alimentación | M22x1,5 VOSS | 4 | Control / Pilotaje | M16x1,5 VOSS | 21            | Delivery / Salida | M22x1,5 VOSS | 22 | Delivery / Salida | M22x1,5 VOSS | 3 | Exhaust / Escape | M22x1,5 | E |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Port / Conexión                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Function / Función    | Thread / Rosca |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Supply / Alimentación | M22x1,5 VOSS   |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Supply / Alimentación | M22x1,5 VOSS   |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Control / Pilotaje    | M16x1,5 VOSS   |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Delivery / Salida     | M22x1,5 VOSS   |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Delivery / Salida     | M22x1,5 VOSS   |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Exhaust / Escape                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M22x1,5               |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| <b>Purpose / Propósito:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| Application of service brake system through the pedal actuation by the driver. / Aplicación del freno de servicio mediante la actuación del pedal por parte del conductor.                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| <b>Installation requirements / Requisitos para la instalación:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| The design of the foot brake valve, acting on seat, must guarantee the maximum way of the push rod that is necessary to control the valve even in case of failure in the circuit I. Mounting is accomplished with two M8 mounting bolts. / El diseño de la válvula de freno de pie, accionándolo desde el asiento, debe garantizar el máximo recorrido de la varilla de empuje que resulta necesario para el accionamiento de la válvula, incluso en caso de que falle el circuito I. El montaje se efectúa con dos pernos de montaje M8. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        |                   |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <table border="1"> <thead> <tr> <th>Modification nº</th> <th>Modified</th> <th>Date</th> <th>Reason</th> <th>General Tolerance</th> </tr> </thead> <tbody> <tr> <td>4</td> <td></td> <td></td> <td></td> <td>Drawn</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td>12/08/15 A.U.</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>12/08/15 A.L.</td> </tr> </tbody> </table>                                                                                                                             |                       |                |        |                   | Modification nº                                                                    | Modified | Date            | Reason             | General Tolerance | 4  |                       |              |    | Drawn                 | 3            |   |                    |              | 12/08/15 A.U. | 2                 |              |    |                   | Checked      | 1 |                  |         |   | 12/08/15 A.L. |  |  | F |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Modification nº                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Modified              | Date           | Reason | General Tolerance |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                |        | Drawn             |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                |        | 12/08/15 A.U.     |                                                                                    |          |                 |                    |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |
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| PG/18/02 rev.1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |                |        | 2                 |                                                                                    | 3        |                 | 4                  |                   |    |                       |              |    |                       |              |   |                    |              |               |                   |              |    |                   |              |   |                  |         |   |               |                                                                                       |  |   |



|                  |              |    |          |      |              |                   |                                                                                       |  |           |
|------------------|--------------|----|----------|------|--------------|-------------------|---------------------------------------------------------------------------------------|--|-----------|
| F                | Modification | 4  |          |      |              | Drawn             |  |  | F         |
|                  |              | 3  |          |      |              | 12/08/15 A.U.     |                                                                                       |  |           |
|                  |              | 2  |          |      |              | Checked           |                                                                                       |  |           |
|                  |              | 1  |          |      |              | 12/08/15 A.L.     |                                                                                       |  |           |
|                  |              | nº | Modified | Date | Reason       | General Tolerance |                                                                                       |  |           |
| Comments         |              |    |          |      | ISO 2768 c-K | Part name         | Foot brake valve                                                                      |  |           |
|                  |              |    |          |      | Material     | ID. Reference     | 2312615                                                                               |  |           |
|                  |              |    |          |      | -            | Scale: 1/2        |  |  | Sheet 2/2 |
|                  |              |    |          |      |              | Review: 0         |                                                                                       |  |           |
| PG/18/02 rev.1 1 |              |    | 2        |      | 3            |                   | 4                                                                                     |  |           |