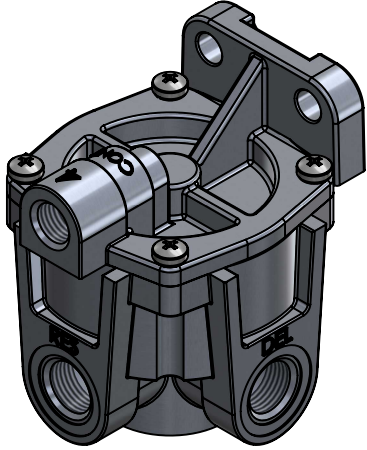
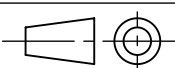
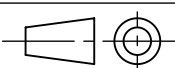
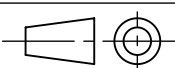


|              | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                     | 3              | 4                  |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------|--------------------|-------------------|--------------------|---------------------------------------------------------------------------------------|------------|-----------------------|---------|---------------------------------------------------------------------------------------|-------------------|---------|-------------|--------------------|---------------|------------|------------------|---|--|---------|---|--|--|--|---------------|----|----------|------|--------|-------------------|----------|---|----------|--|--|--|--|---|-----------|-------------|--|--|--|--|--|----------|---------------|---------|--|--|--|--|--|---|----------|---------------------------------------------------------------------------------------|--|--|--|--|--|---|-----------|-----------|
| A            | <b>Technical sheet / Datos técnicos:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |                |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| B            | Part number adaptable to / Referencia adaptable a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                | KN28500            |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | Operating pressure / Presión de trabajo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                | max. 8 bar         |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | Predominance / Predominancia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                | -                  |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | Permissible medium / Medio de funcionamiento                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                | Air / Aire         |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | Operating temperature range / Rango de temperatura                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                | -40°C to / a +80°C |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | Weight / Peso                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                | 600 gr             |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| C            | <table border="1"> <thead> <tr> <th>Port / Conexión</th> <th>Function / Función</th> <th>Thread / Rosca</th> </tr> </thead> <tbody> <tr> <td><b>RES</b></td> <td>Supply / Alimentación</td> <td>2x 3/8"</td> </tr> <tr> <td><b>DEL</b></td> <td>Delivery / Salida</td> <td>2x 3/8"</td> </tr> <tr> <td><b>CONT</b></td> <td>Control / Pilotaje</td> <td>1/4"</td> </tr> <tr> <td><b>EXH</b></td> <td>Exhaust / Escape</td> <td>-</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                |                    | Port / Conexión   | Function / Función | Thread / Rosca                                                                        | <b>RES</b> | Supply / Alimentación | 2x 3/8" | <b>DEL</b>                                                                            | Delivery / Salida | 2x 3/8" | <b>CONT</b> | Control / Pilotaje | 1/4"          | <b>EXH</b> | Exhaust / Escape | - |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | Port / Conexión                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Function / Función    | Thread / Rosca |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | <b>RES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Supply / Alimentación | 2x 3/8"        |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | <b>DEL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Delivery / Salida     | 2x 3/8"        |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | <b>CONT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Control / Pilotaje    | 1/4"           |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| <b>EXH</b>   | Exhaust / Escape                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                     |                |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| D            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | <p><b>Purpose / Propósito:</b> To rapidly supply and evacuate compressed air from pneumatic equipment and to reduce response times in pneumatic braking systems. / Suministrar y evacuar rápidamente aire comprimido de equipos neumáticos y reducir el tiempo de respuesta de estos equipos.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| E            | <p><b>Installation requirements / Requisitos para la instalación:</b> The valve must be installed with exhaust pointing downwards. Mounting is accomplished using two screws M8. / La válvula debe montarse con el escape apuntando hacia abajo. El montaje se realiza mediante dos tornillos M8.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                |                    |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| F            | <table border="1"> <tr> <td rowspan="5">Modification</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>17/11/20 J.S.</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>17/11/20 O.V.</td> </tr> <tr> <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>Relay valve</td> </tr> <tr> <td colspan="5"></td> <td>Material</td> <td>ID. Reference</td> <td>2991075</td> </tr> <tr> <td colspan="5"></td> <td>-</td> <td>Scale: -</td> <td rowspan="2">  </td> </tr> <tr> <td colspan="5"></td> <td>-</td> <td>Review: 0</td> <td>Sheet 1/2</td> </tr> </table> |                       |                |                    | Modification      | 4                  |                                                                                       |            |                       | Drawn   |  | 3                 |         |             |                    | 17/11/20 J.S. | 2          |                  |   |  | Checked | 1 |  |  |  | 17/11/20 O.V. | nº | Modified | Date | Reason | General Tolerance | Assembly | - | Comments |  |  |  |  | - | Part name | Relay valve |  |  |  |  |  | Material | ID. Reference | 2991075 |  |  |  |  |  | - | Scale: - |  |  |  |  |  |  | - | Review: 0 | Sheet 1/2 |
| Modification | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |                    |                   | Drawn              |  |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |                    |                   | 17/11/20 J.S.      |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |                    |                   | Checked            |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                |                    |                   | 17/11/20 O.V.      |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | nº                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Modified              | Date           | Reason             | General Tolerance | Assembly           |                                                                                       | -          |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
| Comments     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                |                    | -                 | Part name          | Relay valve                                                                           |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                |                    | Material          | ID. Reference      | 2991075                                                                               |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                |                    | -                 | Scale: -           |  |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |                |                    | -                 | Review: 0          |                                                                                       | Sheet 1/2  |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |
|              | PG/18/02 rev.1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                     | 3              | 4                  |                   |                    |                                                                                       |            |                       |         |                                                                                       |                   |         |             |                    |               |            |                  |   |  |         |   |  |  |  |               |    |          |      |        |                   |          |   |          |  |  |  |  |   |           |             |  |  |  |  |  |          |               |         |  |  |  |  |  |   |          |                                                                                       |  |  |  |  |  |   |           |           |

