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**JUMO Instrument Co. Ltd.**

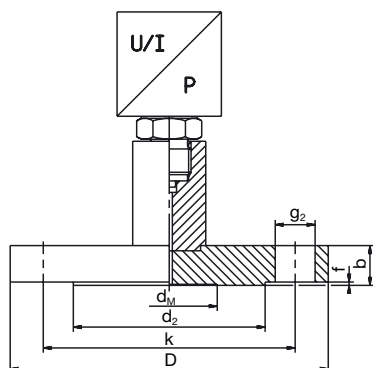
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# Pressure separator with flange connection to ANSI B 16.5 with sealing lip Form RF Type 409786

**Diaphragm pressure separator Type 409786/00-...****Technical data**

| Process connection | Nominal pressure<br>psi | Recommended min. pressure range<br>bar | Weight (without meas. device)<br>kg | Dimensions [mm] |                |                |     |                |       |      |
|--------------------|-------------------------|----------------------------------------|-------------------------------------|-----------------|----------------|----------------|-----|----------------|-------|------|
|                    |                         |                                        |                                     | D               | d <sub>2</sub> | d <sub>M</sub> | f   | g <sub>2</sub> | k     | b    |
| DN2"               | PN150                   | 0 - 1                                  | 2.60                                | 152             | 91.9           | 52             | 1.6 | 4 x Ø20        | 120.7 | 19.5 |
|                    | PN300                   |                                        | 3.40                                | 165             |                |                |     | 8 x Ø20        | 127   | 22.5 |
|                    | PN600                   |                                        | 4.30                                | 165             |                |                | 6.4 | 8 x Ø20        | 127   | 32   |
|                    | PN1500                  |                                        | 10.30                               | 216             |                |                |     | 8 x Ø26        | 163.1 | 44.5 |
|                    | PN2500                  |                                        | 15.80                               | 235             |                |                |     | 8 x Ø29        | 171.5 | 57.5 |
| DN3"               | PN150                   | 0 - 0.6                                | 5.10                                | 191             | 127            | 80             | 1.6 | 4 x Ø20        | 152.4 | 24   |
|                    | PN300                   |                                        | 7.00                                | 210             |                |                |     | 8 x Ø23        | 168.1 | 28.5 |
|                    | PN600                   |                                        | 8.60                                | 210             |                |                | 6.4 | 8 x Ø23        | 168.1 | 38.5 |
|                    | PN900                   |                                        | 13.30                               | 241             |                |                |     | 8 x Ø26        | 190.5 | 44.5 |
|                    | PN1500                  |                                        | 19.30                               | 267             |                |                |     | 8 x Ø32        | 203.2 | 54.5 |
|                    | PN2500                  |                                        | 35.00                               | 305             |                |                |     | 8 x Ø36        | 228.6 | 73   |
| DN4"               | PN150                   | 0 - 0.6                                | 7.20                                | 229             | 157.2          | 80             | 1.6 | 8 x Ø20        | 190.5 | 24   |
|                    | PN300                   |                                        | 11.70                               | 254             |                |                |     | 8 x Ø23        | 200.2 | 32   |
|                    | PN400                   |                                        | 13.90                               | 254             |                |                | 6.4 | 8 x Ø26        | 200.2 | 41.5 |
|                    | PN600                   |                                        | 17.50                               | 273             |                |                |     | 8 x Ø26        | 215.9 | 44.5 |
|                    | PN900                   |                                        | 27.10                               | 292             |                |                |     | 8 x Ø32        | 234.9 | 51   |
|                    |                         |                                        |                                     |                 |                |                |     |                |       |      |

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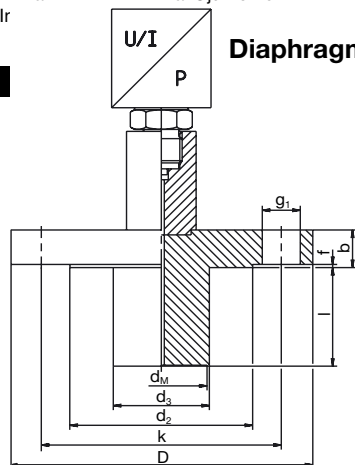
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**Diaphragm pressure separator Type 409786/19...****Data Sheet 40.9786****Page 2/3****Technical data**

| Process connection | Nominal pressure<br>psi | Recommended min. pressure range<br>bar | Weight (without meas. device)<br>kg | Dimensions [mm] |                |                |                |     |                |       |      |     |
|--------------------|-------------------------|----------------------------------------|-------------------------------------|-----------------|----------------|----------------|----------------|-----|----------------|-------|------|-----|
|                    |                         |                                        |                                     | D               | d <sub>2</sub> | d <sub>3</sub> | d <sub>M</sub> | f   | g <sub>2</sub> | k     | b    | l   |
| DN2"               | PN300                   | 0 - 0.1                                | 3.84                                | 165             | 91.9           | 48.3           | 45             | 1.6 | 8 x Ø20        | 127   | 22.5 | 50  |
|                    |                         |                                        | 4.16                                |                 |                |                |                |     |                |       |      | 100 |
|                    |                         |                                        | 4.47                                |                 |                |                |                |     |                |       |      | 150 |
|                    |                         |                                        | 4.77                                |                 |                |                |                |     |                |       |      | 200 |
| DN3"               | PN150                   | 0 - 0.6                                | 6.01                                | 191             | 127            | 76             | 72             | 1.6 | 4 x Ø20        | 152.4 | 24   | 50  |
|                    |                         |                                        | 6.56                                |                 |                |                |                |     |                |       |      | 100 |
|                    |                         |                                        | 7.12                                |                 |                |                |                |     |                |       |      | 150 |
|                    |                         |                                        | 7.67                                |                 |                |                |                |     |                |       |      | 200 |
|                    | PN300                   |                                        | 210                                 | 7.90            |                |                |                |     | 8 x Ø23        | 168.1 | 28.5 | 50  |
|                    |                         |                                        |                                     | 8.46            |                |                |                |     |                |       |      | 100 |
|                    |                         |                                        |                                     | 9.02            |                |                |                |     |                |       |      | 150 |
|                    |                         |                                        |                                     | 9.57            |                |                |                |     |                |       |      | 200 |
| DN4"               | PN150                   | 0 - 0.6                                | 8.63                                | 229             | 157.2          | 94             | 80             | 1.6 | 8 x Ø20        | 190.5 | 24   | 50  |
|                    |                         |                                        | 9.90                                |                 |                |                |                |     |                |       |      | 100 |
|                    |                         |                                        | 11.15                               |                 |                |                |                |     |                |       |      | 150 |
|                    |                         |                                        | 12.40                               |                 |                |                |                |     |                |       |      | 200 |
|                    | PN300                   |                                        | 254                                 | 13.13           |                |                |                |     | 8 x Ø23        | 200.1 | 32   | 50  |
|                    |                         |                                        |                                     | 14.40           |                |                |                |     |                |       |      | 100 |
|                    |                         |                                        |                                     | 15.65           |                |                |                |     |                |       |      | 150 |
|                    |                         |                                        |                                     | 16.91           |                |                |                |     |                |       |      | 200 |

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## Order details

|                                    |                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------|
| <b>(1) Basic type</b>              |                                                                                    |
| 409786                             | pressure separator with flange connection to ANSI B 16.5, with sealing lip Form RF |
| <b>(2) Basic type extension</b>    |                                                                                    |
| 00                                 | no tube                                                                            |
| 19                                 | with tube                                                                          |
| <b>(3) Process connection</b>      |                                                                                    |
| 695                                | DN2"                                                                               |
| 696                                | DN3"                                                                               |
| 697                                | DN4"                                                                               |
| <b>(4) Nominal pressure in psi</b> |                                                                                    |
| 0150                               | PN150                                                                              |
| 0300                               | PN300                                                                              |
| 0400                               | PN400                                                                              |
| 0600                               | PN600                                                                              |
| 0900                               | PN900                                                                              |
| 1500                               | PN1500                                                                             |
| 2500                               | PN2500                                                                             |
| <b>(5) Tube length</b>             |                                                                                    |
| 000                                | no tube                                                                            |
| 050                                | tube 50 mm long                                                                    |
| 100                                | tube 100 mm long                                                                   |
| 150                                | tube 150 mm long                                                                   |
| 200                                | tube 200 mm long                                                                   |
| <b>(6) Material</b>                |                                                                                    |
| 20                                 | st. steel                                                                          |
| 99                                 | special material <sup>1</sup>                                                      |
| <b>(7) Filling liquid</b>          |                                                                                    |
| 1                                  | silicone oil                                                                       |
| 2                                  | halogenized oil                                                                    |
| 3                                  | vegetable oil                                                                      |
| <b>(8) Capillary</b>               |                                                                                    |
| 0000                               | no capillary                                                                       |
| 0001                               | with cooling device                                                                |
| 1000                               | 1.0 m capillary                                                                    |
| 1500                               | 1.5 m capillary                                                                    |
| 2000                               | 2.0 m capillary                                                                    |
| 3000                               | 3.0 m capillary                                                                    |
| 5000                               | 5.0 m capillary                                                                    |

|                      | (1)                  | (2)                    | (3)                    | (4)                    | (5)                    | (6)                    | (7)                    | (8)                    |
|----------------------|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>Order code</b>    | <input type="text"/> | / <input type="text"/> | - <input type="text"/> | - <input type="text"/> | - <input type="text"/> | - <input type="text"/> | - <input type="text"/> | - <input type="text"/> |
| <b>Order example</b> | 409786               | / 00                   | - 695                  | - 0300                 | - 000                  | - 20                   | - 3                    | - 1500                 |

<sup>1</sup> please specify in plain text when ordering