

Condensate collection / Steam distribution

**CODI® S 671/672 - 02 to 18**

with gland packing  
PN40 / PN63

**Vertical installation:**

- with flanges (Fig. 671....1)
- with socket weld ends (Fig. 671....3)
- with butt weld ends (Fig. 671....4)

**Horizontal installation:**

- with flanges (Fig. 672....1)
- with socket weld ends (Fig. 672....3)
- with butt weld ends (Fig. 672....4)

Forged steel  
Stainless steel

Page 2

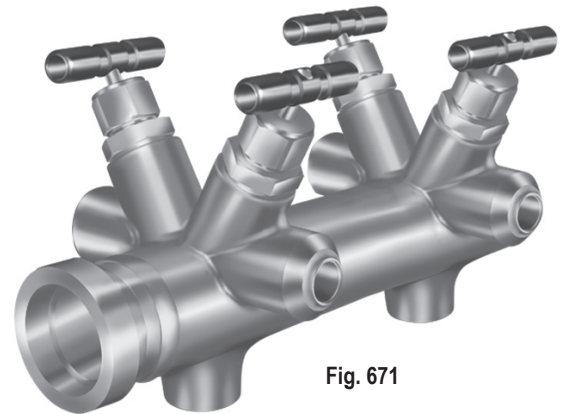
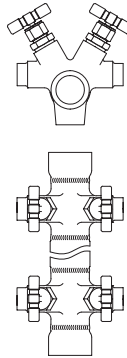


Fig. 671

**CODI® B 675/676 - 02 to 18**

with bellows seal (maintenance-free)  
PN40 / PN63

**Vertical installation:**

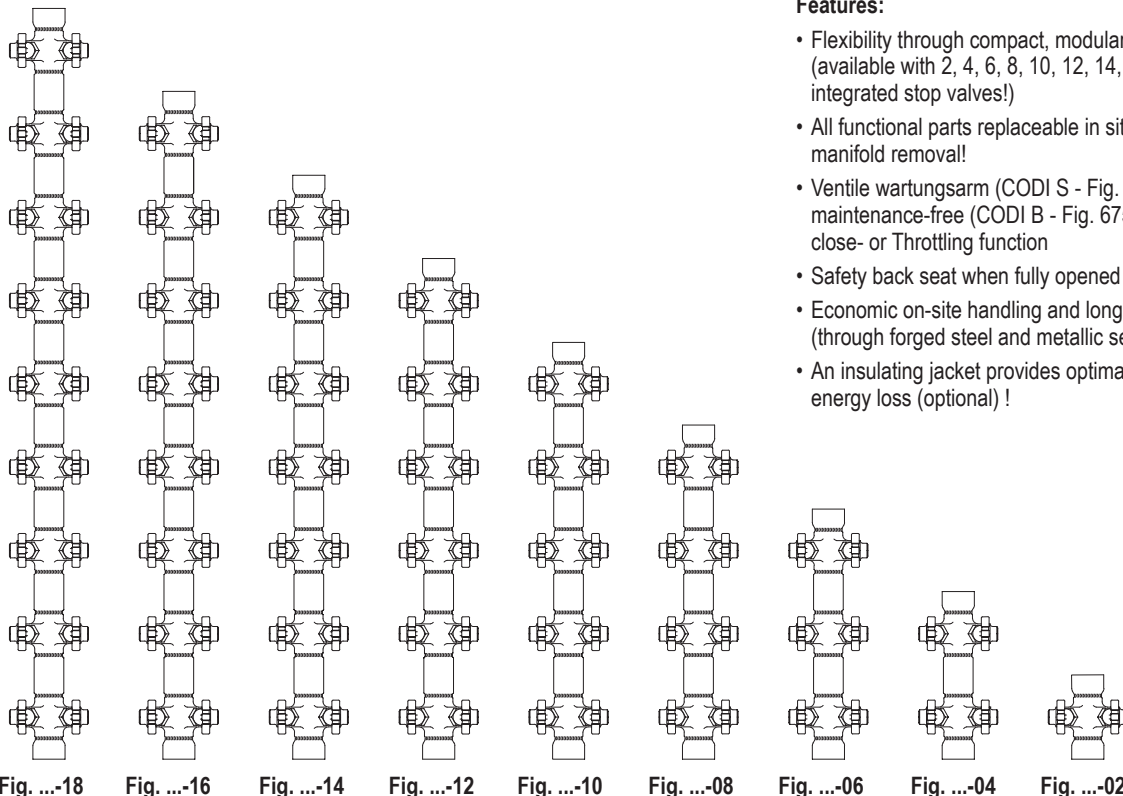
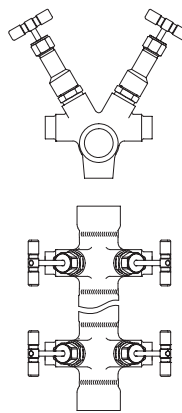
- with flanges (Fig. 675....1)
- with socket weld ends (Fig. 675....3)
- with butt weld ends (Fig. 675....4)

**Horizontal installation:**

- with flanges (Fig. 676....1)
- with socket weld ends (Fig. 676....3)
- with butt weld ends (Fig. 676....4)

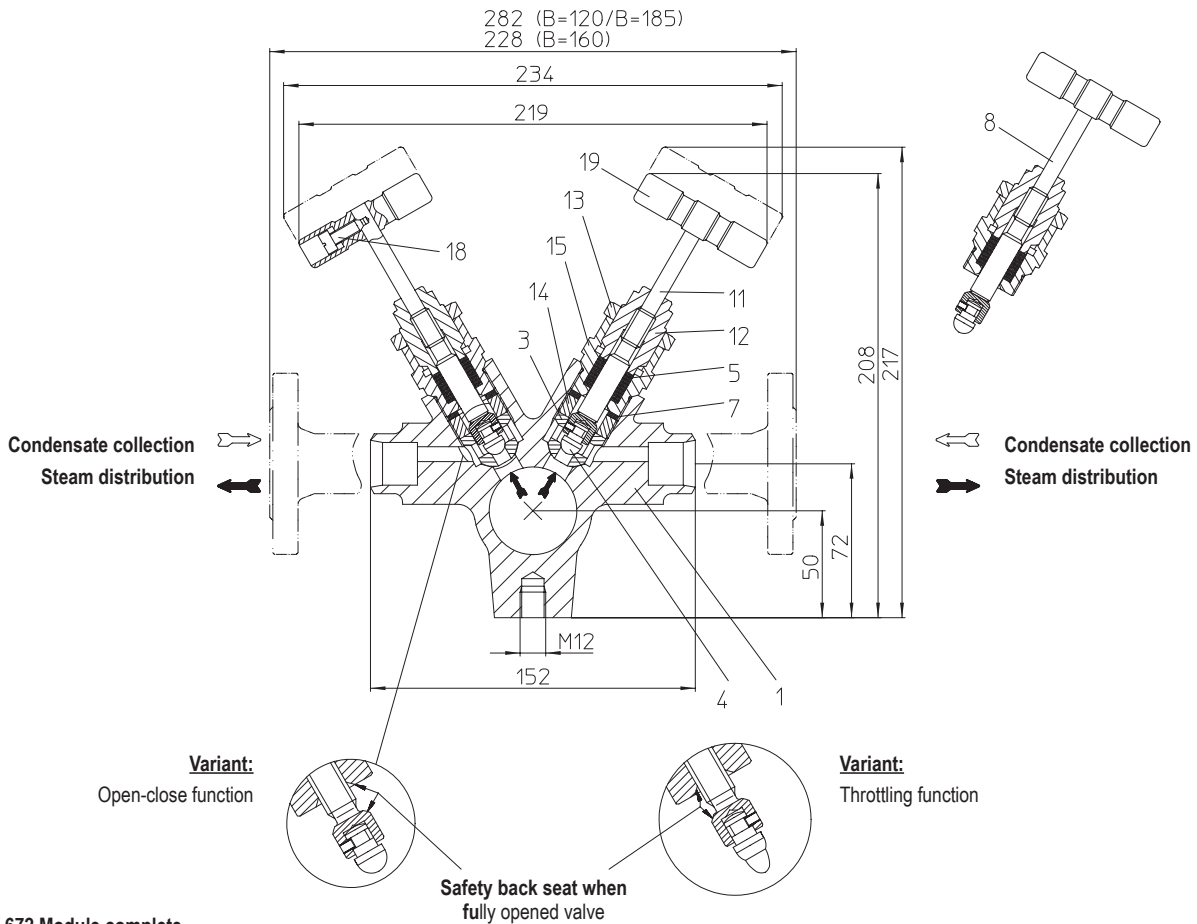
Forged steel  
Stainless steel

Page 4



**Features:**

- Flexibility through compact, modular design (available with 2, 4, 6, 8, 10, 12, 14, 16 or 18 integrated stop valves!)
- All functional parts replaceable in situ - no need for manifold removal!
- Ventile wartungsarm (CODI S - Fig. 671 / 672) or maintenance-free (CODI B - Fig. 675 / 676) with Open-close- or Throttling function
- Safety back seat when fully opened valve!
- Economic on-site handling and long life (through forged steel and metallic sealing...)
- An insulating jacket provides optimal protection against energy loss (optional) !

**Manifolds for condensate collection and steam distribution with stuffing box (Forged steel)**

**Fig. 671 / 672 Module complete**

| Figure   | Nominal pressure | Material            | Nominal diameter / NPS                                      | Operating pressure PS | Inlet temperature TS |
|--|------------------|---------------------|---|-----------------------|----------------------|
| 45.671...<br>45.672...   | PN40             | 1.0460              | Primary connections<br>DN 25 / 40 / 50<br>1" / 1 1/2" / 2"  | 32 barg               | 250 °C               |
| ...-02 (each 1 second. connection)<br>...-04 (each 2 second. connection)<br>...-06 (each 3 second. connection) |                  |                     |   | 21 barg               | 400 °C               |
| 55.671...<br>55.672...   | PN40             | 1.4541<br>or 1.4404 | Secondary connection<br>DN 15 / 20 / 25<br>1/2" / 3/4" / 1" | 32 barg               | 350 °C               |
| ...-08 (each 4 second. connection)<br>...-10 (each 5 second. connection)<br>...-12 (each 6 second. connection) |                  |                     |   | 22 barg               | 400 °C               |
| 46.671...<br>46.672...   | PN63             | 1.0460              | DN 15 / 20 / 25<br>1/2" / 3/4" / 1"                         | 45 barg               | 250 °C               |
| ...-14 (each 7 second. connection)<br>...-16 (each 8 second. connection)<br>...-18 (each 9 second. connection) |                  |                     |   | 32 barg               | 400 °C               |

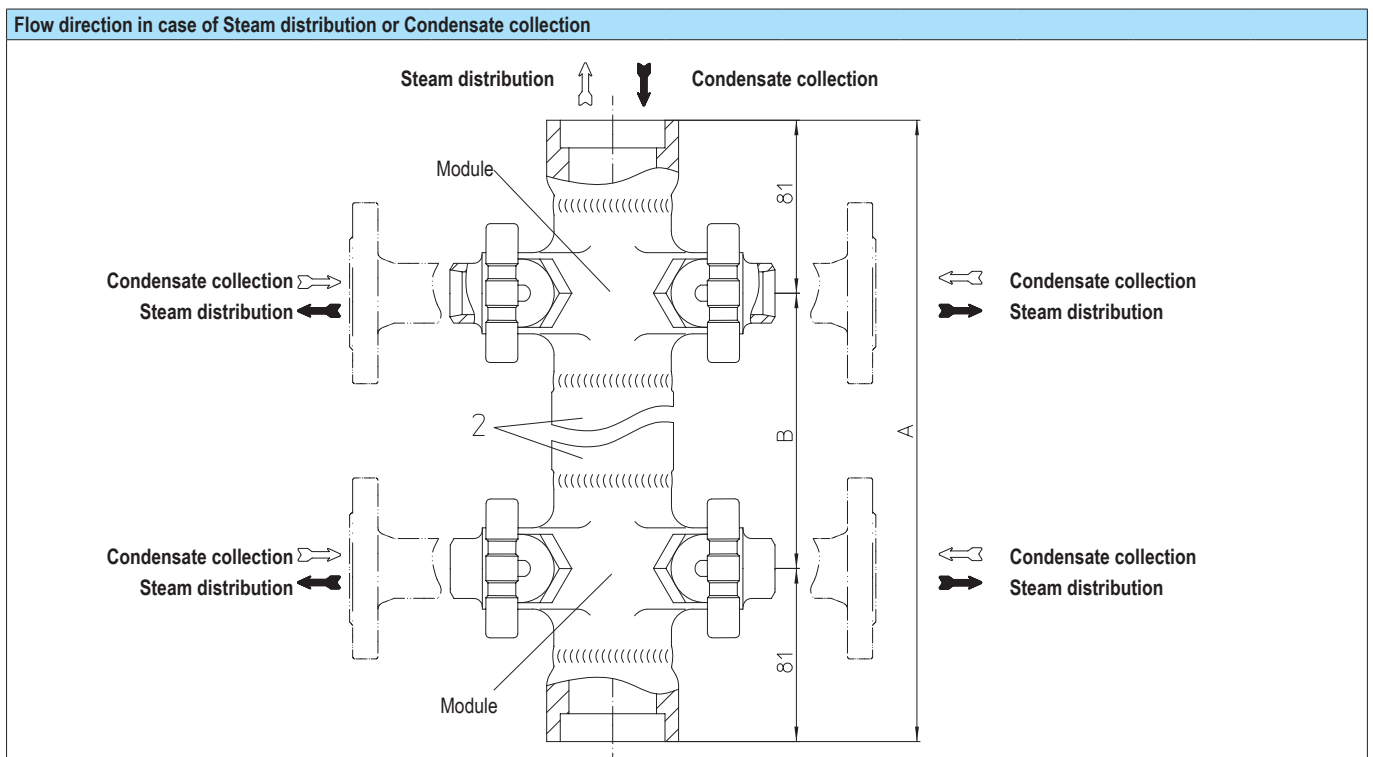
For ANSI versions refer to data sheet CODI®-ANSI

| Plug design  |   |
|--|---|
| standard:  | • Isolation plug (Open-close function)  |
| optional:  | • Throttling plug (Throttling function)   |
| Safety back seat when fully opened valve   |   |
| Types of connection (Standard)   |   |
| Other types of connection on request.  |   |
| <b>Primary connections:</b><br>(top and bottom)  | • Flanges ....1 _____ acc. to DIN 2635 or DIN EN 1092-1 (PN40), DIN 2636 or DIN EN 1092-1 (PN63)  |
|  | • Screwed sockets ....2 _____ Rp thread acc. to DIN EN 10226-1 or NPT thread acc. to ANSI B1.20.1   |
| <b>Nebenanschluss:</b><br>(links and rechts)   | • Socket weld ends ....3 _____ acc. to DIN EN 12760   |
|  | • Butt weld ends ....4 _____ Weld preparation acc. to EN ISO 9692 identification No. 1.3 and 1.5<br>(Note restriction on operating pressure / inlet temperature depending to design!) |
| Features   |   |
| <ul style="list-style-type: none"> <li>• Flexibility through compact, modular design (available with 2, 4, 6, 8, 10, 12, 14, 16 or 18 integrated stop valves!)</li> <li>• All functional parts replaceable in situ - no need for manifold removal!</li> <li>• Safety back seat when fully opened valve!</li> <li>• Economic on-site handling and long life (through forged steel and metallic sealing...)</li> </ul> |   |
| Mounting position  |   |
| • vorzugsweise senkrecht   | Threaded connection M12 are provided at the back for the attachment to a supporting structure.  |
| Options  |   |
| (Design refer to page 8)   |   |
| • Insulating jacket  | • Fastening parts (set)   |
| • Immersion tube   | • Mounting wrench   |

| Parts |               |                                |  |   |
|-------|---------------|--------------------------------|--|---|
| Pos.  | Sp.p.         | Description                    | Fig. 45.671 / 45.672<br>Fig. 46.671 / 46.672 | Fig. 55.671 / 55.672                                |
| 1     |               | Body                           | P250GH, 1.0460                               | X6CrNiTi18-10, 1.4541 or<br>X2CrNiMo17-12-2, 1.4404 |
| 2     |               | Connection between the modules | P325GH-TC1, 1.0305                           | X2CrNiMo17-12-2, 1.4404                             |
| 3     | x             | Seat                           | X8CrNiS18-9, 1.4305                          |   |
| 4     |               | Valve ball                     | X39CrMoS17+QT, 1.4122+QT                     |   |
| 5     | x             | Packing ring                   | Pure graphite                                |   |
| 7     |               | Sealing ring                   | Graphite                                     |   |
| 8     | x             | Assembly stop valve, cpl.      | X6CrNiMoTi17-12-2, 1.4571                    |   |
| 11    |               | Stem                           | X2CrNiMo17-12-2, 1.4404                      |   |
| 12    |               | Threaded bush                  | X39CrMoS17+QT, 1.4122+QT                     |   |
| 13    |               | Safety nut                     | X8CrNiS18-9, 1.4305                          |   |
| 14    |               | Banjo bolt                     | X8CrNiS18-9, 1.4305                          |   |
| 15    |               | Fitting                        | X8CrNiS18-9, 1.4305                          |   |
| 18    | x             | Cheese head screw              | A2-70  |   |
| 19    | x             | Hand grip                      | X14CrMoS17+QT, 1.4104+QT                     |   |
|       |               | Other interior parts           | Stainless steel                              |   |
|       | L Spare parts |                                |  |   |

Information / restriction of technical rules need to be observed!  
 Resistance and fitness must be verified (or contact the manufacturer for information).  
 Operating and installation instructions can be downloaded at [www.ari-armaturen.com](http://www.ari-armaturen.com).

| DN        |                 | 15  | 20  | 25  | 40  | 50  |
|-----------|-----------------|-----|-----|-----|-----|-----|
| Length B1 | B = 120 mm (mm) | 81  | 81  | 81  | 81  | 81  |
|           | B = 160 mm (mm) | 118 | 118 | 118 | 138 | 138 |

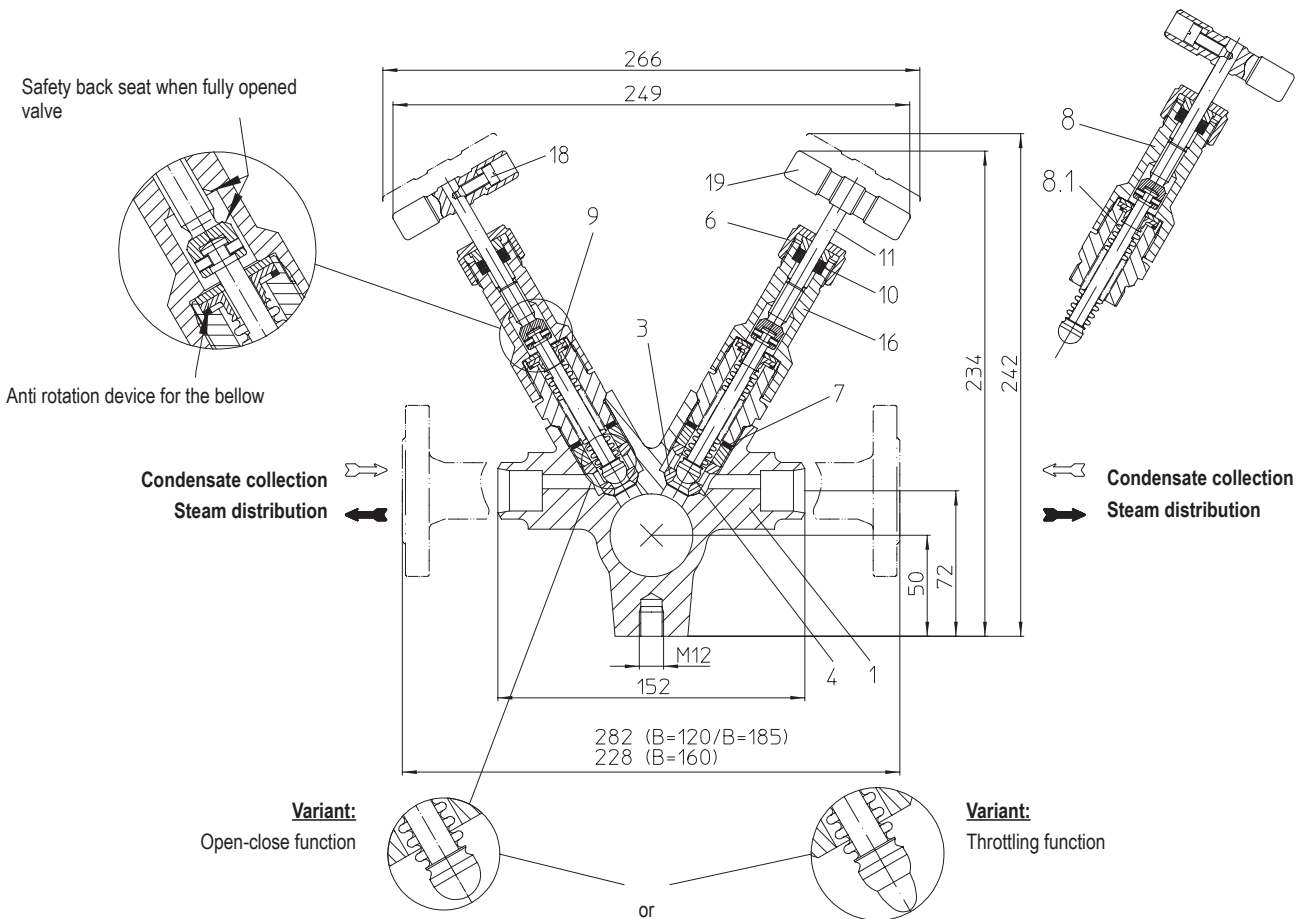


| Dimensions and weights |  | Face-to-face acc. to data sheet resp. customer request |         |         |         |         |         |         |         |         |
|------------------------|--|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Fig. 671 / 672         |  | ... -02  | ... -04 | ... -06 | ... -08 | ... -10 | ... -12 | ... -14 | ... -16 | ... -18 |

| PN40             |      | B = 120 mm |     |      |      |      |      |      |      |      | Standard-flange dimensions refer to page 7 |
|------------------|------|------------|-----|------|------|------|------|------|------|------|--|
| Dimension A      | (mm) | 162        | 282 | 402  | 522  | 642  | 762  | 882  | 1002 | 1122 |  |
| Weight (approx.) | (kg) | 3,5        | 7,2 | 10,7 | 14,7 | 17,7 | 21,2 | 24,7 | 28,2 | 31,7 |  |

| PN40             |      | B = 160 mm |     |     |      |     |      |      |      |      | Standard-flange dimensions refer to page 7 |
|------------------|------|------------|-----|-----|------|-----|------|------|------|------|--|
| Dimension A      | (mm) | 162        | 322 | 482 | 642  | 802 | 962  | 1122 | 1282 | 1442 |  |
| Weight (approx.) | (kg) | 3,5        | 7,5 | 11  | 14,5 | 18  | 21,5 | 25   | 28,5 | 32   |  |

| PN63             |      | B = 185 mm |     |      |      |      |      |      |      |      | Standard-flange dimensions refer to page 7 |
|------------------|------|------------|-----|------|------|------|------|------|------|------|--|
| Dimension A      | (mm) | 162        | 347 | 532  | 717  | 902  | 1087 | 1272 | 1457 | 1642 |  |
| Weight (approx.) | (kg) | 4          | 8,5 | 12,5 | 16,5 | 20,5 | 24,5 | 28,5 | 32,5 | 36,5 |  |

**Condensate collection and Steam distribution with bellows seal maintenance-free (Forged steel)**

**Fig. 675 / 676 Module complete**

| Figure   | Nominal pressure | Material            | Nominal diameter / NPS                                      | Operating pressure PS | Inlet temperature TS |
|--|------------------|---------------------|---|-----------------------|----------------------|
| 45.675...<br>45.676...   | PN40             | 1.0460              | Primary connections<br>DN 25 / 40 / 50<br>1" / 1 1/2" / 2"  | 32 barg               | 250 °C               |
| ...-02 (each 1 second. connection)<br>...-04 (each 2 second. connection)<br>...-06 (each 3 second. connection) |                  |                     |   | 21 barg               | 400 °C               |
| 55.675...<br>55.676...   |                  |                     |   | 32 barg               | 350 °C               |
| ...-08 (each 4 second. connection)<br>...-10 (each 5 second. connection)<br>...-12 (each 6 second. connection) | PN40             | 1.4541<br>or 1.4404 | Secondary connection<br>DN 15 / 20 / 25<br>1/2" / 3/4" / 1" | 22 barg               | 400 °C               |
| 46.675...<br>46.676...   |                  |                     |   | 45 barg               | 250 °C               |
| ...-14 (each 7 second. connection)<br>...-16 (each 8 second. connection)<br>...-18 (each 9 second. connection) | PN63             | 1.0460              |   | 32 barg               | 400 °C               |

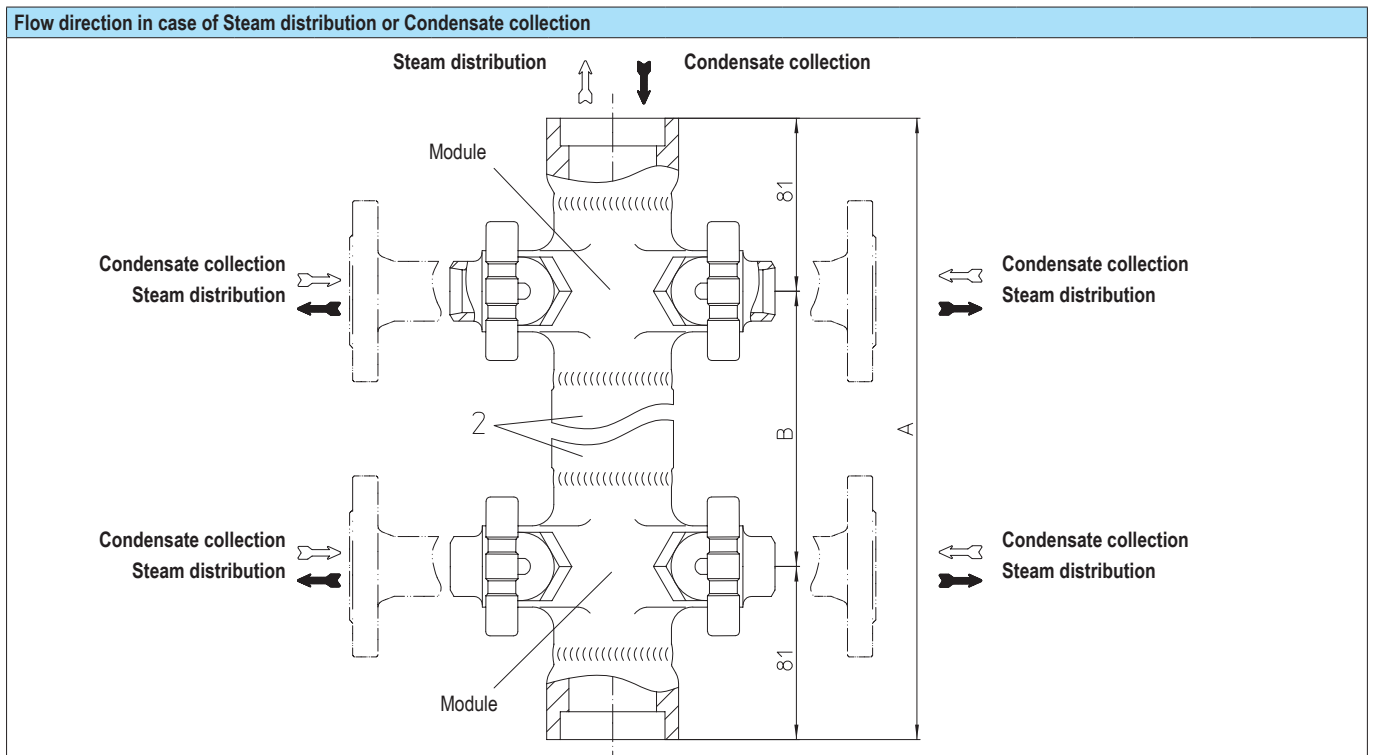
For ANSI versions refer to data sheet CODI®-ANSI

| Plug design  |  |
|--|--|
| standard:  | • Isolation plug (Open-close function)   |
| optional:  | • Throttling plug (Throttling function)  |
| Safety back seat when fully opened valve   |  |
| Types of connection (Standard) <span style="float: right;">Other types of connection on request.</span>  |  |
| <b>Primary connections:</b><br>(top and bottom)  | • Flanges ....1 _____ acc. to DIN 2635 or DIN EN 1092-1 (PN40), DIN 2636 or DIN EN 1092-1 (PN63)<br>• Screwed sockets ....2 _____ Rp thread acc. to DIN EN 10226-1 or NPT thread acc. to ANSI B1.20.1  |
| <b>Nebenanschluss:</b><br>(links and rechts)   | • Socket weld ends ....3 _____ acc. to DIN EN 12760<br>• Butt weld ends ....4 _____ Weld preparation acc. to EN ISO 9692 identification No. 1.3 and 1.5<br>(Note restriction on operating pressure / inlet temperature depending to design!) |
| Features   |  |
| <ul style="list-style-type: none"> <li>• Flexibility through compact, modular design (available with 2, 4, 6, 8, 10, 12, 14, 16 or 18 integrated stop valves!)</li> <li>• All functional parts replaceable in situ - no need for manifold removal!</li> <li>• Safety back seat when fully opened valve!</li> <li>• Economic on-site handling and long life (through forged steel and metallic sealing...)</li> </ul> |  |
| Mounting position  |  |
| • vorzugsweise senkrecht   | Threaded connection M12 are provided at the back for the attachment to a supporting structure.   |
| Options <span style="float: right;">(Design refer to page 8)</span>  |  |
| • Insulating jacket  | • Fastening parts (set)  |
| • Immersion tube   | • Mounting wrench  |

| Parts |               |                                |  |   |
|-------|---------------|--------------------------------|--|---|
| Pos.  | Sp.p.         | Description                    | Fig. 45.675 / 45.676<br>Fig. 46.675 / 46.676 | Fig. 55.675 / 55.676                                |
| 1     |               | Body                           | P250GH, 1.0460                               | X6CrNiTi18-10, 1.4541 or<br>X2CrNiMo17-12-2, 1.4404 |
| 2     |               | Connection between the modules | P325GH-TC1, 1.0305                           | X2CrNiMo17-12-2, 1.4404                             |
| 3     | x             | Seat                           | X8CrNiS18-9, 1.4305                          |   |
| 4     |               | Valve ball                     | X39CrMoS17+QT, 1.4122+QT                     |   |
| 6     |               | Union nut                      | X14CrMoS17+QT, 1.4104+QT                     |   |
| 7     |               | Sealing ring                   | Graphite                                     |   |
| 8     | x             | Assembly stop valve, cpl.      | X6CrNiMoTi17-12-2, 1.4571                    |   |
| 8.1   |               | Bellows seal                   | Stainless steel                              |   |
| 9     |               | Safety washer                  | X5CrNi18-10, 1.4301                          |   |
| 10    | x             | Packing ring                   | Pure graphite                                |   |
| 11    |               | Stem                           | X2CrNiMo17-12-2, 1.4404                      |   |
| 16    |               | Stem guiding                   | X8CrNiS18-9, 1.4305                          |   |
| 18    | x             | Cheese head screw              | A2-70  |   |
| 19    | x             | Hand grip                      | X14CrMoS17+QT, 1.4104+QT                     |   |
|       |               | Other interior parts           | Stainless steel                              |   |
|       | L Spare parts |                                |  |   |

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| DN        |                 | 15  | 20  | 25  | 40  | 50  |
|-----------|-----------------|-----|-----|-----|-----|-----|
| Length B1 | B = 120 mm (mm) | 81  | 81  | 81  | 81  | 81  |
|           | B = 160 mm (mm) | 118 | 118 | 118 | 138 | 138 |



| Dimensions and weights |  | Face-to-face acc. to data sheet resp. customer request |         |         |         |         |         |         |         |         |
|------------------------|--|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Fig. 675 / 676         |  | ... -02  | ... -04 | ... -06 | ... -08 | ... -10 | ... -12 | ... -14 | ... -16 | ... -18 |

| PN40             |      | B = 120 mm |     |      |      |      |      |      |      |      | Standard-flange dimensions refer to page 7 |
|------------------|------|------------|-----|------|------|------|------|------|------|------|--|
| Dimension A      | (mm) | 162        | 282 | 402  | 522  | 642  | 762  | 882  | 1002 | 1122 |  |
| Weight (approx.) | (kg) | 3,5        | 7,2 | 10,7 | 14,7 | 17,7 | 21,2 | 24,7 | 28,2 | 31,7 |  |

| PN40             |      | B = 160 mm |     |     |      |     |      |      |      |      | Standard-flange dimensions refer to page 7 |
|------------------|------|------------|-----|-----|------|-----|------|------|------|------|--|
| Dimension A      | (mm) | 162        | 322 | 482 | 642  | 802 | 962  | 1122 | 1282 | 1442 |  |
| Weight (approx.) | (kg) | 3,5        | 7,5 | 11  | 14,5 | 18  | 21,5 | 25   | 28,5 | 32   |  |

| PN63             |      | B = 185 mm |     |      |      |      |      |      |      |      | Standard-flange dimensions refer to page 7 |
|------------------|------|------------|-----|------|------|------|------|------|------|------|--|
| Dimension A      | (mm) | 162        | 347 | 532  | 717  | 902  | 1087 | 1272 | 1457 | 1642 |  |
| Weight (approx.) | (kg) | 4          | 8,5 | 12,5 | 16,5 | 20,5 | 24,5 | 28,5 | 32,5 | 36,5 |  |

**Operating ranges**

Fig. 671/672 and Fig. 675/676 both can be applied as condensate collector or steam distributor. Applications are wide spread piping systems, steam tracers on pipes and apparatus. The flow media can be steam, water, oil etc. On the application as steam distributor the steam inlet is at the top flange. At the bottom outlet flange a steam trap shall be installed. On the application as condensate collector the outlet is at the top flange. At the bottom flange a blowdown valve shall be installed. In case of a vertical installation a siphon pipe should be applied. This ensures even temperature distribution thus pressure shocks and noise on condensate return are reduced..

The design is based on a robust module construction with integral stop valves (ball/seat). Body and stop valve are threaded together with a hard seal (metal to metal).

Integral stop valves on CODI S require low maintenance. All functional parts are replaceable in situ. There is no need for manifold removal from the pipe. Fig. 676 (CODI B bellows seal design for horizontal installation) and Fig. 675 (CODI B bellows seal design for vertical installation) are designed for those installations where we find the highest requirements for tight sealing to the open and maintenance free operation of the valve.

Die Fig. 676 (CODI B Design with bellows seal, waagerechte Mounting position) and Fig. 675 (CODI B Design with bellows seal, senkrechte Mounting position) ist besonders in solchen Einsatzbereichen geeignet, wo bezüglich der Wartungsfreiheit und der Shut off class der Armatur acc. to außen höchste Requirement erfüllt werden müssen.

A clearance of 50 mm between the construction bracket and the condensate collector/steam distributor ensures that the insulation jacket can be wrapped around it.

During welding at the primary and secondary connections the integral stop valves have to be in an open position. Further precautions are not required..

**Handling**

The integral stop valves with shut-off plugs shall not be used for throttling of condensate or steam flows.

For throttling purposes the throttling plug shall be applied. The valves are generally equipped with back seats.

The advantage of Fig. 671/ 672 is that this additional back seat sealing protects the graphite packing and multiples it's longevity.

On Fig. 675/676 the back seat may be advantageous in case of damages to the bellows. On CODI B 675/676 no twist to the bellow will be effected due to the non-rotation lock.

The stop valves are screwed into the body without using a gasket (hard seal) If necessary, the union nut (pos. 6) can be tightened, but the stem must to be turned with normal forces!

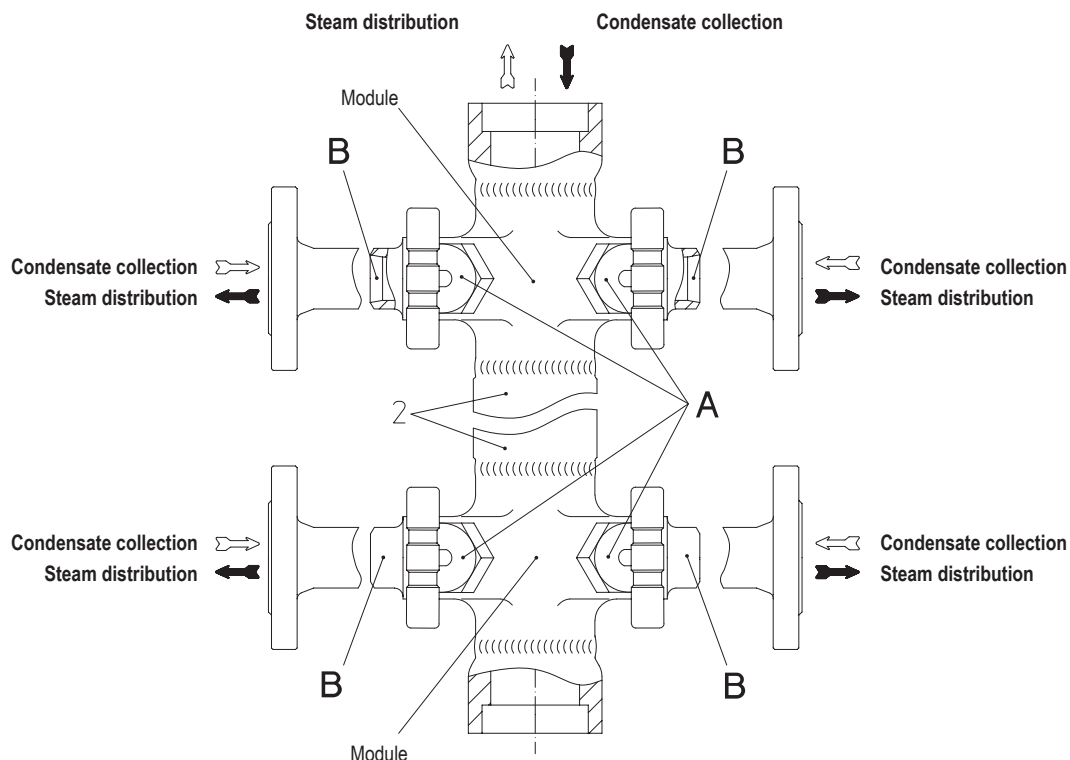
**Basic types**

| Vertical installation |     | recommended for attachment |
|-----------------------|-----|----------------------------|
| Fig. 671 / 675        | -02 | 1 screw                    |
| Fig. 671 / 675        | -04 | 2 screws                   |
| Fig. 671 / 675        | -06 | 3 screws                   |
| Fig. 671 / 675        | -08 | 3 screws                   |
| Fig. 671 / 675        | -10 | 4 screws                   |
| Fig. 671 / 675        | -12 | 4 screws                   |
| Fig. 671 / 675        | -14 | 5 screws                   |
| Fig. 671 / 675        | -16 | 5 screws                   |
| Fig. 671 / 675        | -18 | 6 screws                   |

| Horizontal installation |     | recommended for attachment |
|-------------------------|-----|----------------------------|
| Fig. 672 / 676          | -02 | 1 screw                    |
| Fig. 672 / 676          | -03 | 2 screws                   |
| Fig. 672 / 676          | -04 | 3 screws                   |
| Fig. 672 / 676          | -05 | 3 screws                   |
| Fig. 672 / 676          | -06 | 4 screws                   |
| Fig. 672 / 676          | -07 | 4 screws                   |
| Fig. 672 / 676          | -08 | 5 screws                   |
| Fig. 672 / 676          | -09 | 5 screws                   |

**Installation position Preferably vertical.**

Threaded connection M12 are provided at the back for the attachment to a supporting structure.

**Working principle**

**Condensate collection**

- Condensate inlet in port B side (lateral)
- Condensate outlet usually at the top
- Opening and closing of the port B side with stop valves A

**Steam distribution**

- Steam inlet at the top
- Steam outlet through port B sides (lateral)
- Opening and closing of the port B side with stop valves A

**Informations about pipe welding**
**Welding groove acc. to DIN 2559**

The material used for ARI valves with butt weld ends are:

|        |  |
|--------|--|
| 1.0460 | P250GH acc. to DIN EN 10222-2                  |
| 1.4404 | X2CrNiMo17-12-2, 1.4404 acc. to DIN EN 10222-5 |

Due to our experience, we recommend to apply an electric welding process.

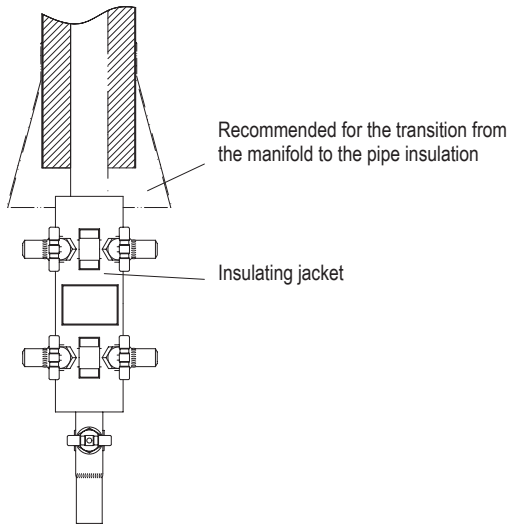
Because of the different material compositions and wall thickness of the steam traps and the pipe gas welding shall not be applied. Quenching cracks and coarse grain structure may develop.

Steam traps with socket-weld ends shall only be welded by arc welding (welding process 111 acc. to DIN EN 24063).

If during the time of warranty others than the manufacturer or by the manufacturer authorized persons are interfering in the product and/or the setting, the right of claim for warranty will lapse!

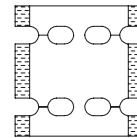
| Standard-flange dimensions acc. to<br>DIN 2635 / DIN 2636 or DIN EN 1092-1 |        |      | Primary connections |        |        |                          |        |        |
|--|--------|------|---------------------|--------|--------|--------------------------|--------|--------|
|  |        |      | Nebenschluss        |        |        | 40                       | 50     |        |
| DN   |        |      | 15                  | 20     | 25     |                          |        |        |
| NPS  |        |      | 1/2                 | 3/4    | 1      |                          | 1 1/2  | 2      |
| PN40   | ØD     | (mm) | 95                  | 105    | 115    |                          | 150    | 165    |
|  | ØK     | (mm) | 65                  | 75     | 85     |                          | 110    | 125    |
|  | n x Ød | (mm) | 4 x 14              | 4 x 14 | 4 x 14 |                          | 4 x 18 | 4 x 18 |
| PN63   | ØD     | (mm) | 105                 | 130    | 140    |                          | 170    | 180    |
|  | ØK     | (mm) | 75                  | 90     | 100    | acc. to DIN<br>EN 1092-1 | 125    | 135    |
|  | n x Ød | (mm) | 4 x 14              | 4 x 18 | 4 x 18 |                          | 4 x 22 | 4 x 22 |

Insulating jacket / pipe connection



Insulating jacket in mounted position

Insulating jacket preventing radiation of heat

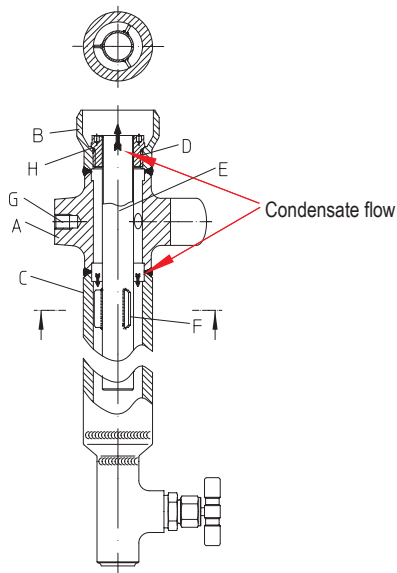


Cona insulating jackets provide a simple and effective heat insulation (suitable for every condensate collection / steam distribution)

Advantages:

- energy saving
- less radiation of heat to the atmosphere
- safety of the operation personal
- robust, non ageing
- resistance to heat
- low weight and flexible
- clean handling (no contact with the insulating material)
- free from asbestos
- water repellent
- simple disassembly and reusable

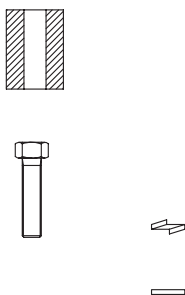
Immersion tube



Condensate collector with immersion tube

| Part | Description  |                       |
|------|--|-----------------------|
| A    | CODI® Module   |                       |
| B    | But weld end   |                       |
| C    | Welding bushing for the connection with an additional module |                       |
| D    | Banjo bolt   | X5CrNi18-10, 1.4301   |
| E    | Immersion tube   | X6CrNiTi18-10, 1.4541 |
| F    | Spacer   | X5CrNi18-10, 1.4301   |
| G    | Fixing point   |                       |
| H    | Metal-to-metal seal between banjo bolt and welding bush      |                       |

Fastening parts

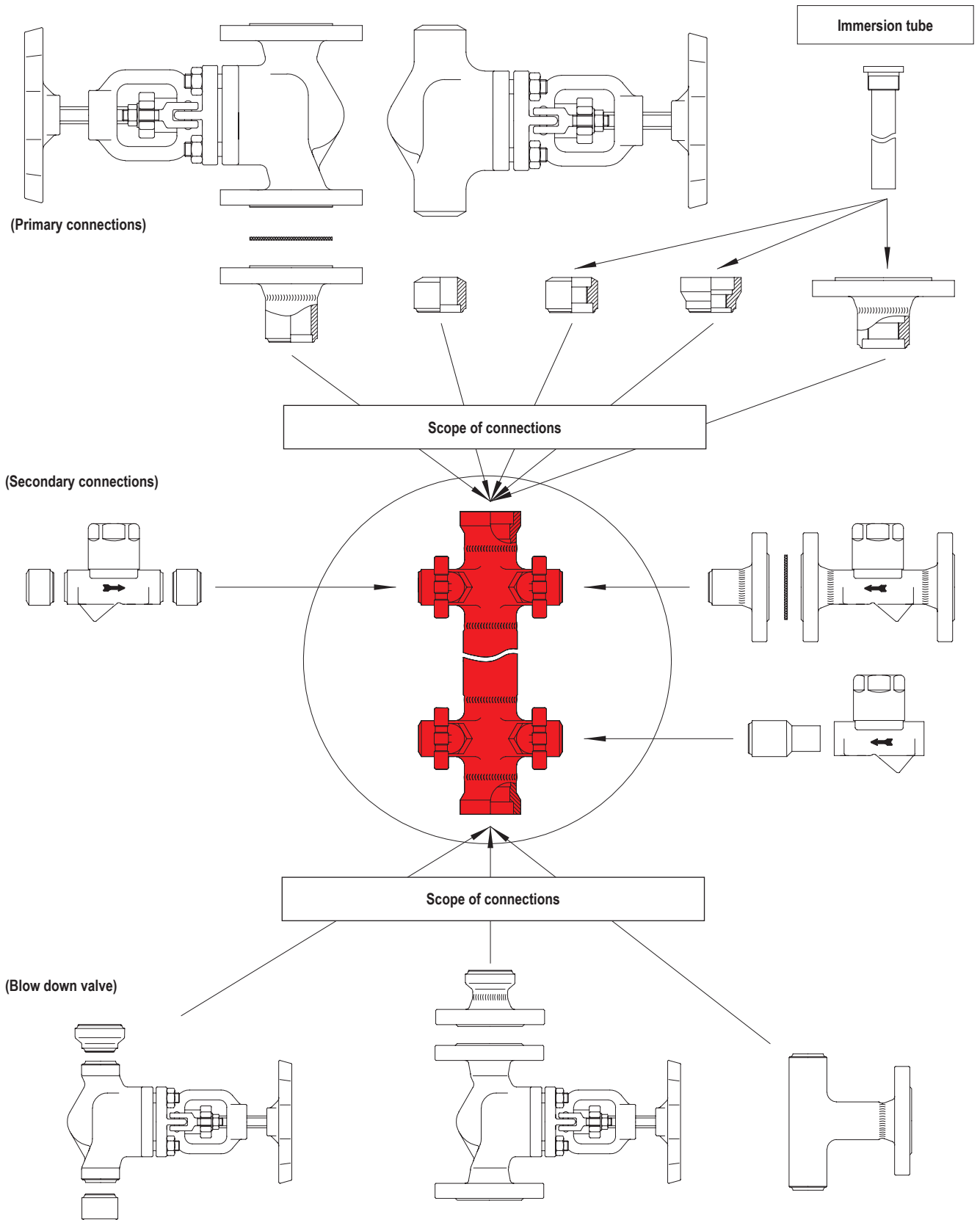


- 1 Satz consisting of:
  - Distance sleeve
  - Hexagon bolt M12
  - Washer
  - Washer

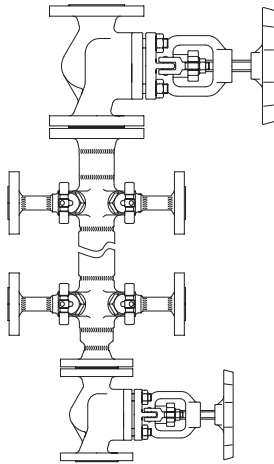


- Mounting wrench

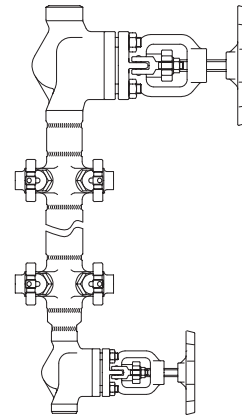




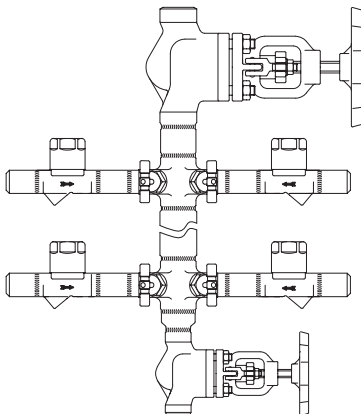
**Preferred vertical installation**



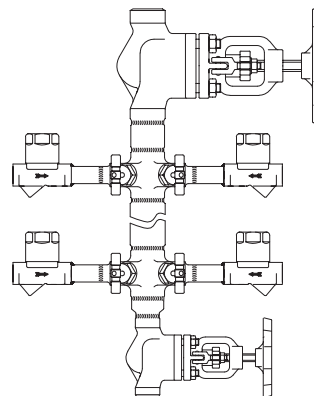
- ... **primary stop valve (flanged) for welding neck flange**  
DN 40 acc. to DIN 2635 or DN 50 acc. to DIN 2635 or DIN 2636
- ... **secondary connections (flanged)**  
DN 15 to DN 25 acc. to DIN 2635 or DIN 2637
- ... **design with blow down valve**



- ... **primary stop valve (butt weld ends)**  
DN 40 and DN 50 acc. to DIN EN 12627
- ... **secondary connections (butt weld ends)**  
DN 15 to DN 25 acc. to DIN EN 12627
- ... **design with blow down valve**

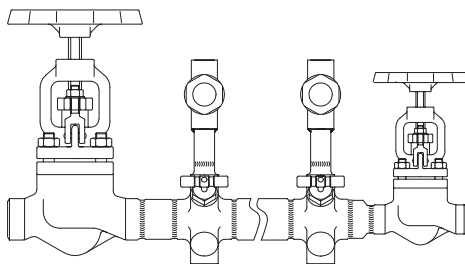


- ... **primary stop valve (butt weld ends)**  
DN 40 and DN 50 acc. to DIN EN 12627
- ... **secondary connections with steam trap (butt weld ends)**  
DN 15 to DN 25 acc. to DIN EN 12627
- ... **design with blow down valve**

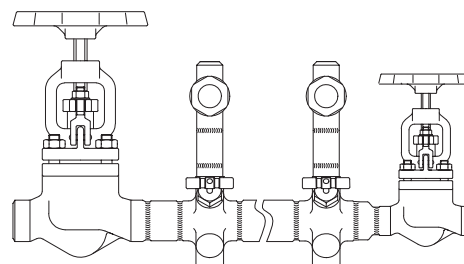


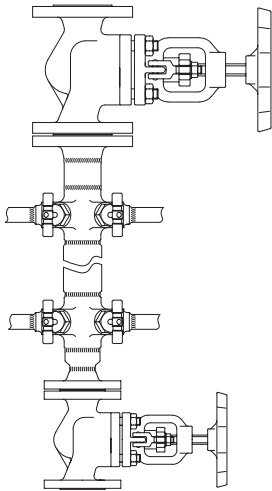
- ... **primary stop valve (butt weld ends)**  
DN 40 and DN 50 acc. to DIN EN 12627
- ... **secondary connections with steam trap (socket weld ends)**  
DN 15 to DN 25 acc. to DIN EN 12627
- ... **design with blow down valve**

**Horizontal installation**

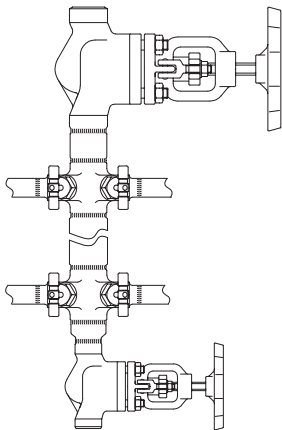


- ... **primary stop valve (butt weld ends)**  
DN 40 and DN 50 acc. to DIN EN 12627
- ... **secondary connections with steam trap (socket weld ends or butt weld ends)**  
DN 15 to DN 25 acc. to DIN EN 12760 or DN 15 to DN 25 acc. to DIN EN 12627 (butt weld ends)
- ... **design with blow down valve**

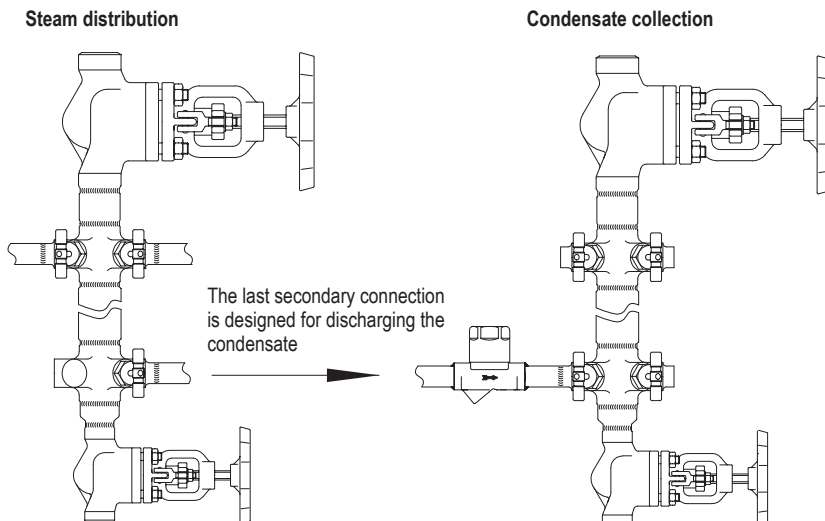




... primary stop valve and secondary connections - design with blow down valve



... primary stop valve and secondary connections - design with blow down valve



... primary stop valve and secondary connections - design with blow down valve

... steam trap at the condensate collector

Offer-No.: .....

Inquiry-No.: .....

 **Inquiry**
 **Order**

- Series:**
- CODI® S** with gland packing
    - Fig. 671
    - Fig. 672
  - CODI® B** with bellows seal (maintenance-free)
    - Fig. 675
    - Fig. 676

**From:** .....

.....

.....

**Telephone:** .....

.....

**Fax:** .....

- |  |   |
|--|---|
| <b>Vertical installation</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Fig. 671 / 675 -02</li> <li><input type="checkbox"/> Fig. 671 / 675 -04</li> <li><input type="checkbox"/> Fig. 671 / 675 -06</li> <li><input type="checkbox"/> Fig. 671 / 675 -08</li> <li><input type="checkbox"/> Fig. 671 / 675 -10</li> <li><input type="checkbox"/> Fig. 671 / 675 -12</li> <li><input type="checkbox"/> Fig. 671 / 675 -14</li> <li><input type="checkbox"/> Fig. 671 / 675 -16</li> <li><input type="checkbox"/> Fig. 671 / 675 -18</li> </ul> | <b>Horizontal installation</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Fig. 672 / 676 -02</li> <li><input type="checkbox"/> Fig. 672 / 676 -03</li> <li><input type="checkbox"/> Fig. 672 / 676 -04</li> <li><input type="checkbox"/> Fig. 672 / 676 -05</li> <li><input type="checkbox"/> Fig. 672 / 676 -06</li> <li><input type="checkbox"/> Fig. 672 / 676 -07</li> <li><input type="checkbox"/> Fig. 672 / 676 -08</li> <li><input type="checkbox"/> Fig. 672 / 676 -09</li> </ul> |
|--|---|

- Types:**
- Application:**
- Condensate collection
  - Steam distribution

**Connections:**

| Connection          |            | Top Inlet- / Outlet |      | Bottom Inlet- / Outlet |      | Secondary connection |      |
|---------------------|------------|---------------------|------|------------------------|------|----------------------|------|
|                     |            | DIN                 | ANSI | DIN                    | ANSI | DIN                  | ANSI |
| Screwed sockets Rp  |            |                     |      |                        |      |                      |      |
| Screwed sockets NPT |            |                     |      |                        |      |                      |      |
| Butt weld ends      |            |                     |      |                        |      |                      |      |
| Socket weld ends    |            |                     |      |                        |      |                      |      |
| Flange              |            |                     |      |                        |      |                      |      |
| DN 15               | NPS 1/2"   |                     |      |                        |      |                      |      |
| DN 20               | NPS 3/4"   |                     |      |                        |      |                      |      |
| DN 25               | NPS 1"     |                     |      |                        |      |                      |      |
| DN 40               | NPS 1 1/2" |                     |      |                        |      |                      |      |
| DN 50               | NPS 2"     |                     |      |                        |      |                      |      |

- Sizing acc. to:**
- DIN PN40 - P250GH, 1.0460
  - DIN PN40 - X6CrNiTi18-10, 1.4541
  - DIN PN63 - P250GH, 1.0460
  - ANSI 150 - SA105
  - ANSI 300 - SA105
  - ANSI 150 - SA182F321
  - ANSI 300 - SA182F321

- Certification:**
- Material certificates acc. to DIN EN 10204 / 2.2
  - Material certificates acc. to DIN EN 10204 / 3.1

- Pressure test:**
- acc. to DIN EN 12266
  - acc. to API 598

- Options**
- Stop valve at the top inlet/outlet
  - Tracer (secondary) connection incl. steam traps
  - Tracer (secondary) connection incl. return temperature control valve
  - Drainage at the bottom
- Control principle:**
- Capsule
  - Bimetallic
  - Thermodynamic

- Accessories:**
- Immersion tube
  - Insulation
  - Set of fastening parts
  - Mounting wrench

- Heat transfer fluid:**
- Steam
  - Water
  - Oil
  - other .....

**Specials:** .....

**Quantity:** .....