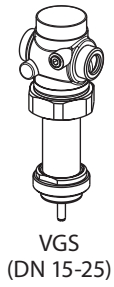


## Installation Guide

### VG, VGF, VGS, VGU, VGUF



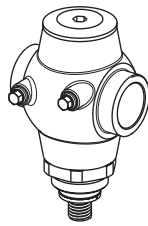
MAINTENANCE  
FREE



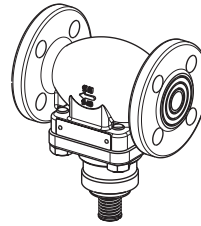
VGS  
(DN 15-25)



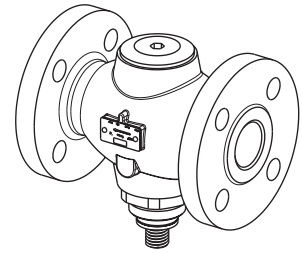
VG/VGU  
(DN 15-25)



VG/VGU  
(DN 32-50)



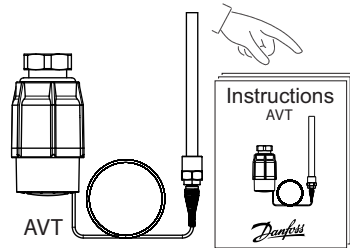
VGF  
(DN 15-25)



VGF/VGUF  
(DN 32-50)

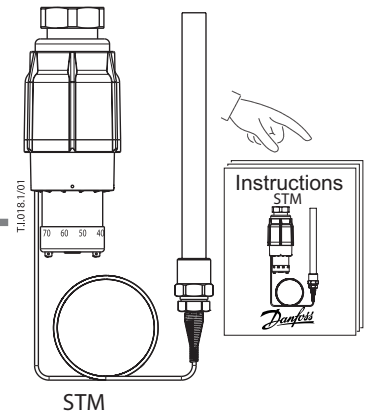
**VG** (DN 15-50)  
**VGF** (DN 15-50)  
**VGS** (15-25)  
**VGU** (15-50)  
**VGUF** (32-50)

+



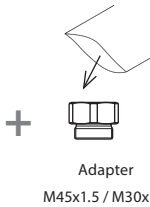
**VG** (DN 15-50)  
**VGF** (DN 15-50)  
**VGS** (15-25)

+



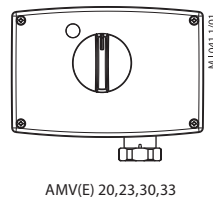
**VGU** (DN 15-50)  
**VGUF** (DN 32-50)

-



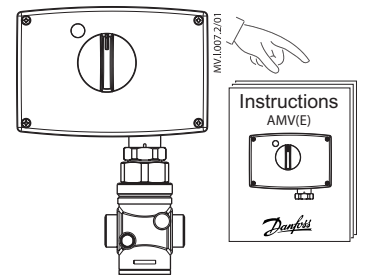
M45x1.5 / M30x1.5

+

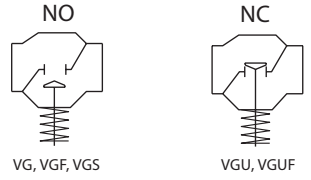
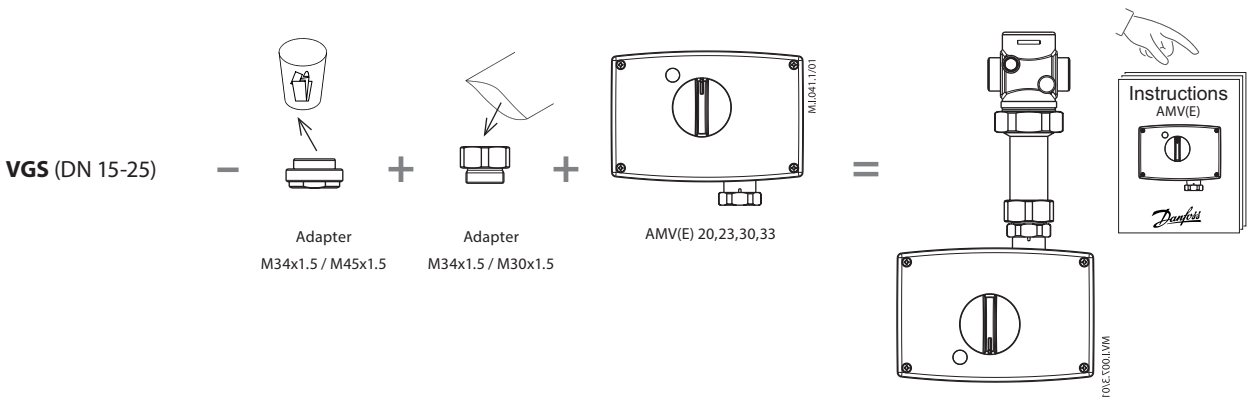


AMV(E) 20,23,30,33

=

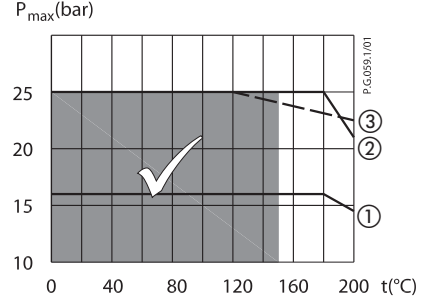


# Installation Guide VG, VGF, VGS, VGU, VGUF

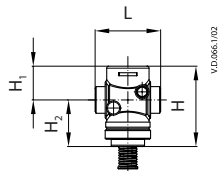


| Valve type | PN | °C               |                  |
|------------|----|------------------|------------------|
|            |    | T <sub>max</sub> | T <sub>min</sub> |
| VG         | 25 | 150              | 2                |
| VGF        | 25 | 150              | 2                |
| VGS        | 25 | 200              | 2                |
| VGU        | 25 | 150              | 2                |
| VGUF       | 25 | 150              | 2                |

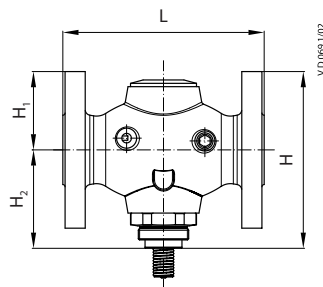
According to EN 1092-2, EN 1092-3



# Installation Guide VG, VGF, VGS, VGU, VGUF



VGU DN 15-25



VGUF DN 32-50

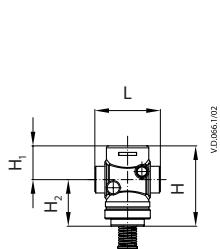
### VGU

| DN | L   | H   | H <sub>1</sub> | H <sub>2</sub> | Weight (kg) |
|----|-----|-----|----------------|----------------|-------------|
|    | mm  |     |                |                |             |
| 15 | 65  | 80  | 34             | 46             | 0,7         |
| 20 | 70  | 80  | 34             | 46             | 0,8         |
| 25 | 75  | 83  | 37             | 46             | 0,9         |
| 32 | 100 | 154 | 63             | 91             | 3,2         |
| 40 | 110 | 154 | 63             | 91             | 3,3         |
| 50 | 130 | 154 | 63             | 91             | 4,1         |

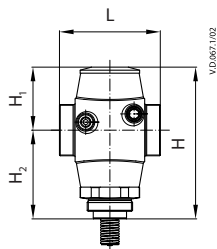
### VGUF

| DN | L   | H   | H <sub>1</sub> | H <sub>2</sub> | Weight (kg) |
|----|-----|-----|----------------|----------------|-------------|
|    | mm  |     |                |                |             |
| 32 | 180 | 158 | 70             | 88             | 7,5         |
| 40 | 200 | 163 | 75             | 88             | 9,0         |
| 50 | 230 | 171 | 83             | 88             | 11,1        |

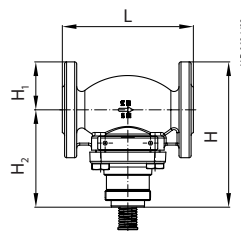
**Note:** other flange dimensions - see table for tailpieces



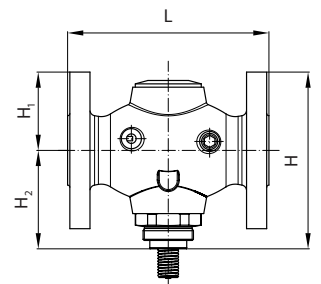
VG DN 15-25



VG DN 32-50



VGF DN 15-25



VGF DN 32-50

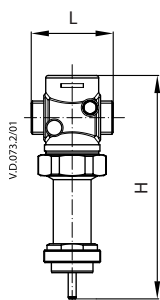
### VG

| DN | L   | H   | H <sub>1</sub> | H <sub>2</sub> | Weight (kg) |
|----|-----|-----|----------------|----------------|-------------|
|    | mm  |     |                |                |             |
| 15 | 65  | 80  | 34             | 46             | 0,7         |
| 20 | 70  | 80  | 34             | 46             | 0,8         |
| 25 | 75  | 83  | 37             | 46             | 0,9         |
| 32 | 100 | 154 | 63             | 91             | 3,0         |
| 40 | 110 | 154 | 63             | 91             | 3,1         |
| 50 | 130 | 154 | 63             | 91             | 3,8         |

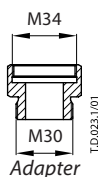
### VGF

| DN | L   | H   | H <sub>1</sub> | H <sub>2</sub> | Weight (kg) |
|----|-----|-----|----------------|----------------|-------------|
|    | mm  |     |                |                |             |
| 15 | 130 | 144 | 48             | 96             | 3,3         |
| 20 | 150 | 149 | 53             | 96             | 4,1         |
| 25 | 160 | 154 | 58             | 96             | 4,7         |
| 32 | 180 | 158 | 70             | 88             | 7,5         |
| 40 | 200 | 163 | 75             | 88             | 9,0         |
| 50 | 230 | 171 | 83             | 88             | 11,1        |

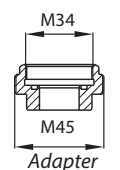
**Note:** other flange dimensions - see table for tailpieces



| DN  | 15     | 20    | 25  |       |     |
|-----|--------|-------|-----|-------|-----|
| VGS | L      | 65    | 70  | 75    |     |
|     | H      | 156,5 | 155 | 158,5 |     |
|     | Weight | kg    | 0,7 | 0,8   | 0,9 |

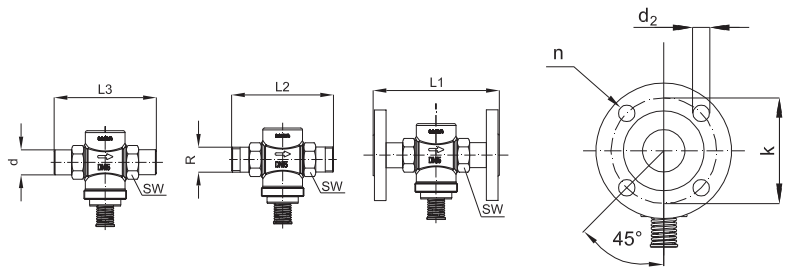


M34 × 1,5 mm / M30 × 1,5 mm



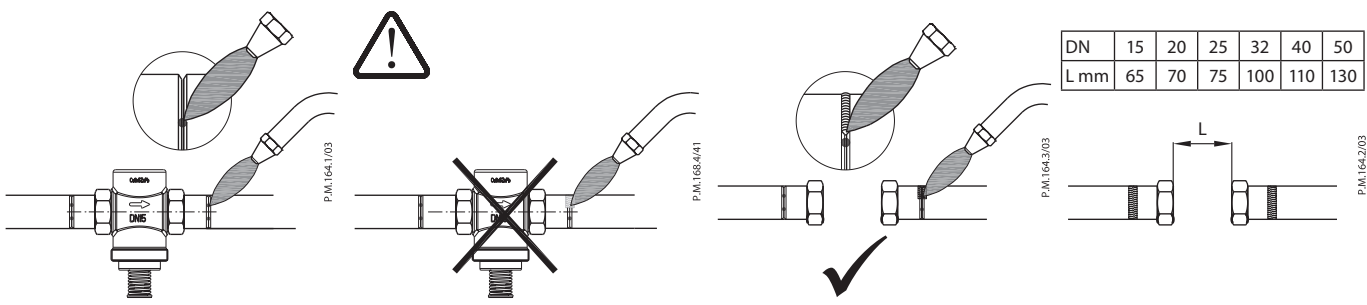
M34 × 1,5 mm / M45 × 1,5 mm

# Installation Guide VG, VGF, VGS, VGU, VGUF



|                  |    |           |           |            |            |           |            |
|------------------|----|-----------|-----------|------------|------------|-----------|------------|
| DN               |    | 15        | 20        | 25         | 32         | 40        | 50         |
| SW               |    | 32 (G ¾A) | 41 (G 1A) | 50 (G 1¼A) | 63 (G 1¾A) | 70 (G 2A) | 82 (G 2½A) |
| d                |    | 21        | 26        | 33         | 42         | 47        | 60         |
| R <sup>1)</sup>  |    | ½         | ¾         | 1          | 1 ¼        | -         | -          |
| L1 <sup>2)</sup> |    | 130       | 150       | 160        | -          | -         | -          |
| L2               | mm | 131       | 142       | 159        | 172        | -         | -          |
| L3               |    | 139       | 154       | 159        | 184        | 244       | 298        |
| k                |    | 65        | 75        | 85         | 100        | 110       | 125        |
| d <sub>2</sub>   |    | 14        | 14        | 14         | 18         | 18        | 18         |
| n                |    | 4         | 4         | 4          | 4          | 4         | 4          |

<sup>1)</sup> Conical ext. thread acc. to EN 10266-1  
<sup>2)</sup> Flanges PN 25, acc. to EN 1092-2



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