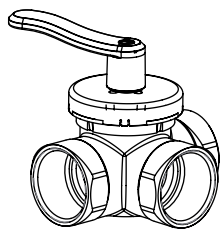


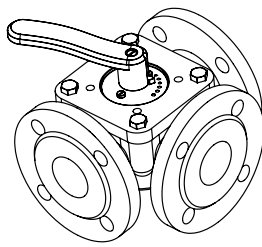
Operating Guide

HRB, HRE, HFE

# HRB, HRE, HFE



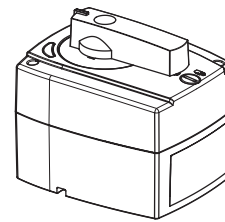
HRB 3, HRB 4 (DN 15-50)  
HRE 3, HRE 4 (DN 20-50)



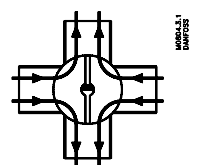
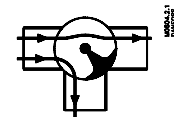
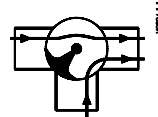
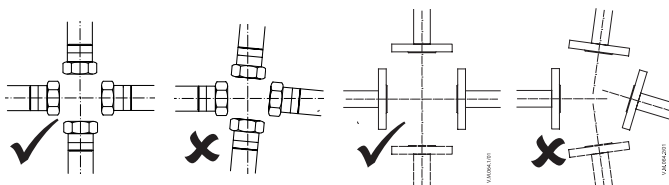
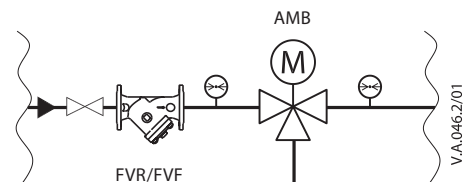
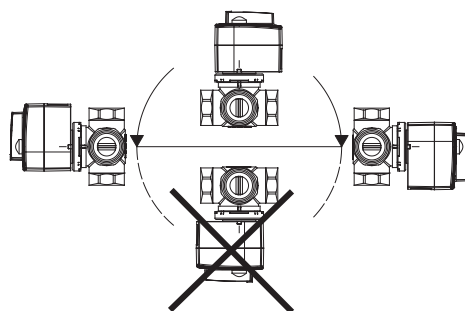
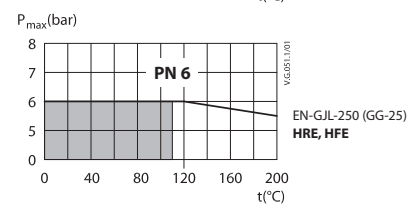
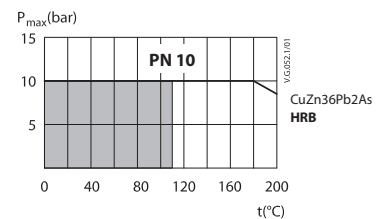
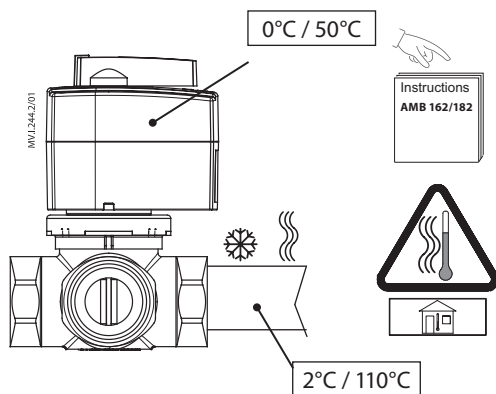
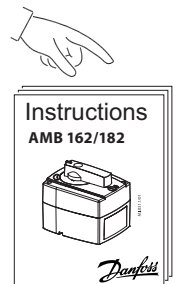
HFE 3 (DN20-150)



MAINTENANCE  
FREE

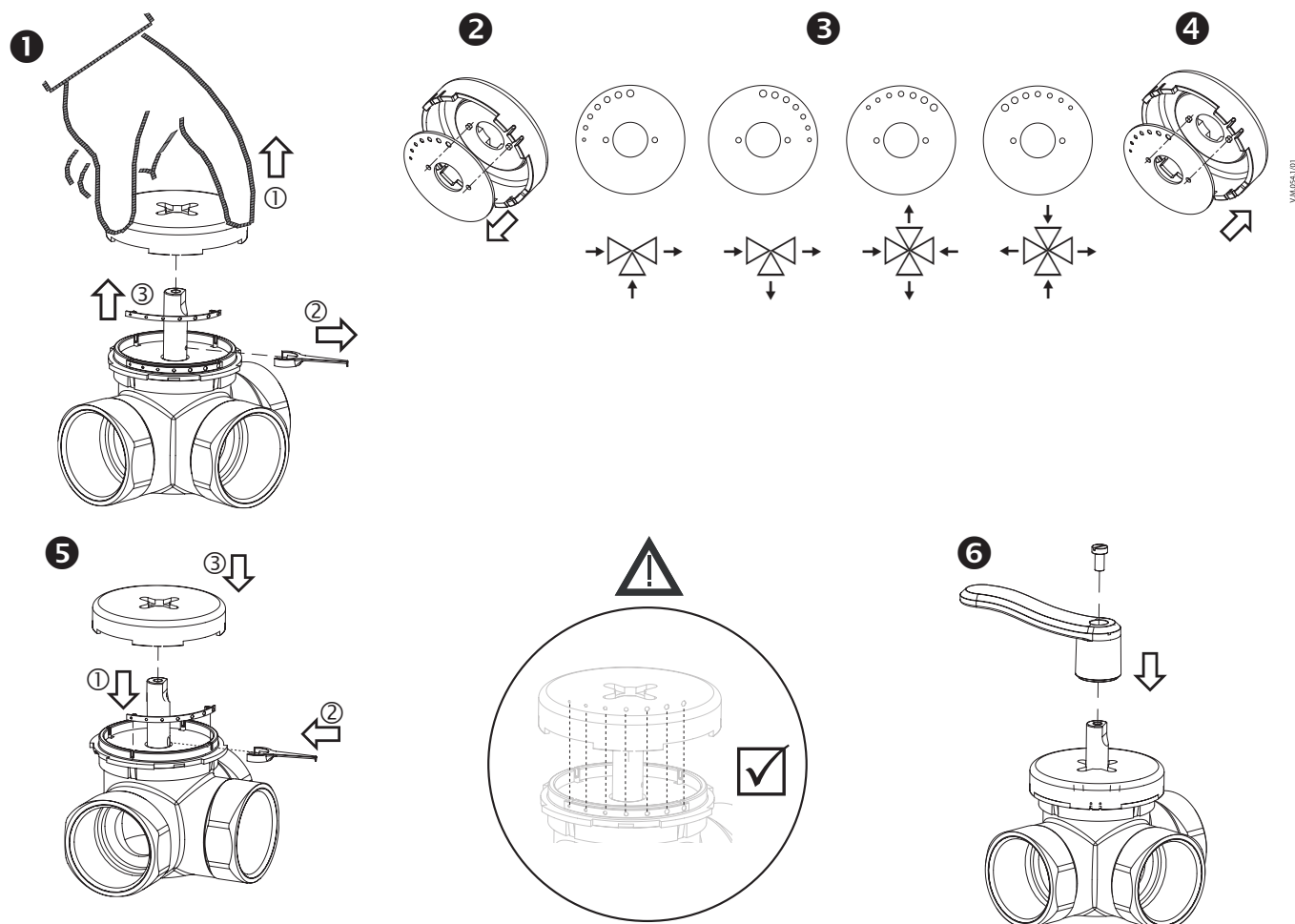


AMB 162/182

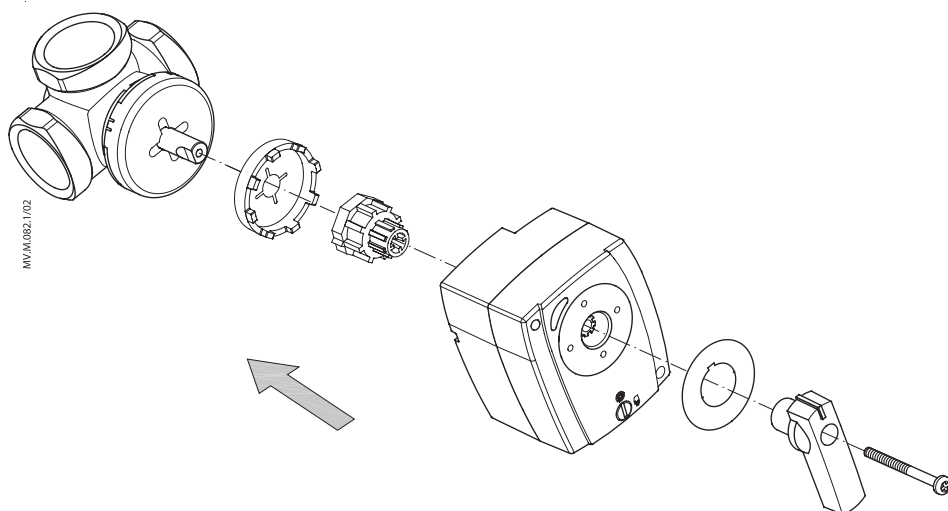


HRB, HRE, HFE

HRB, HRE

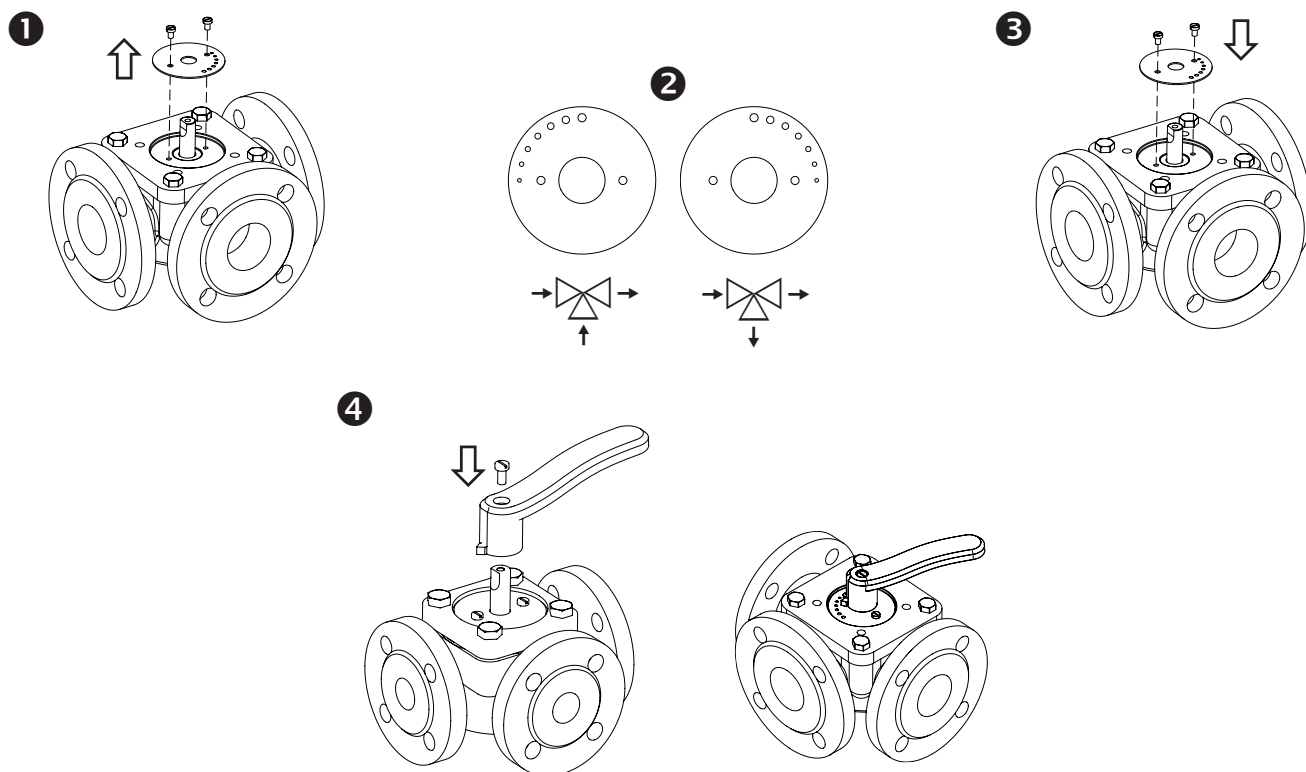


HRB, HRE + AMB 162/182

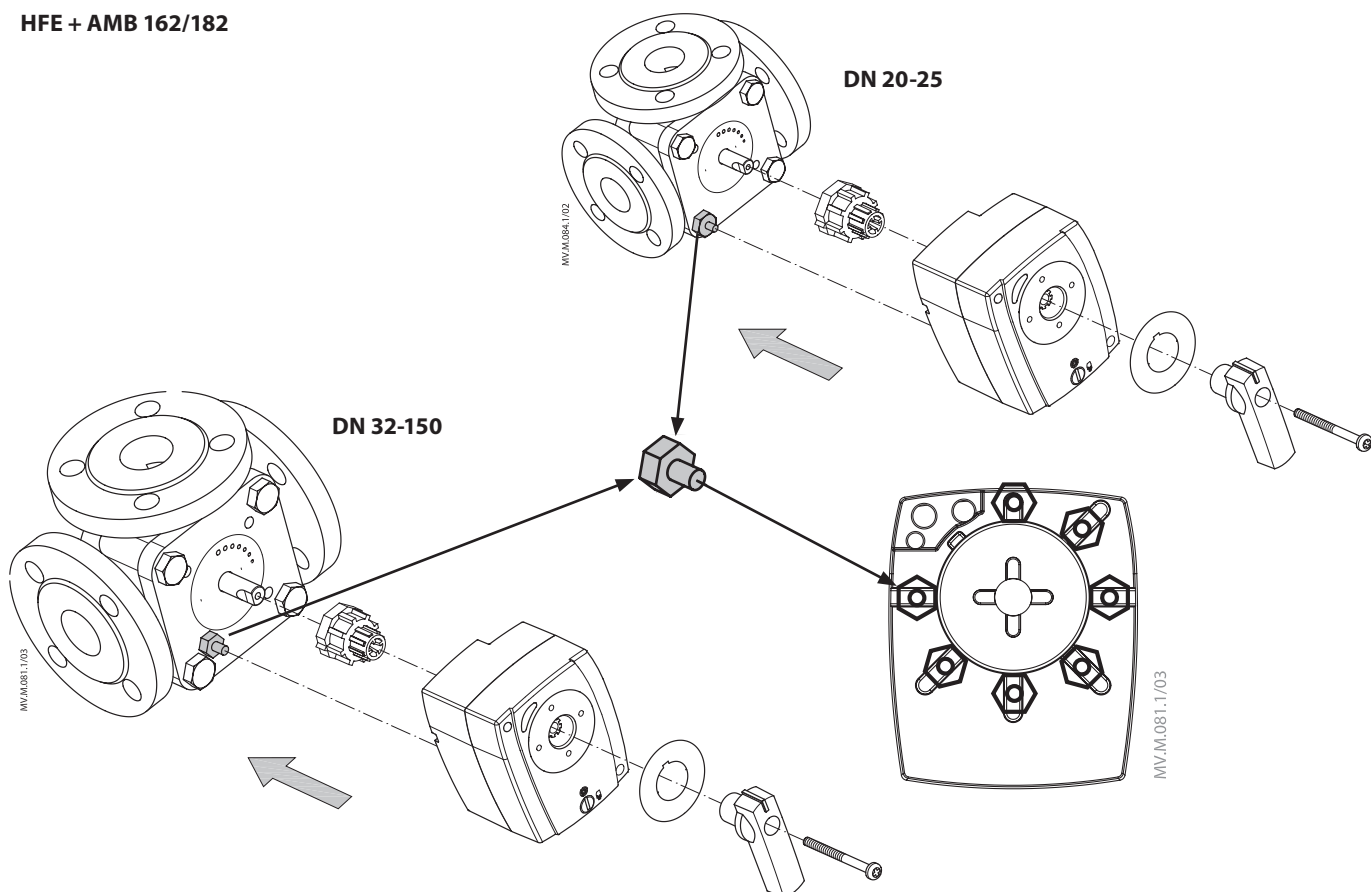


HRB, HRE, HFE

HFE

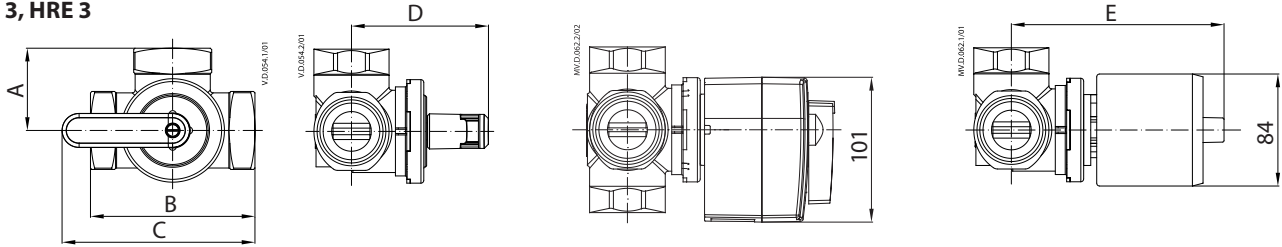


HFE + AMB 162/182

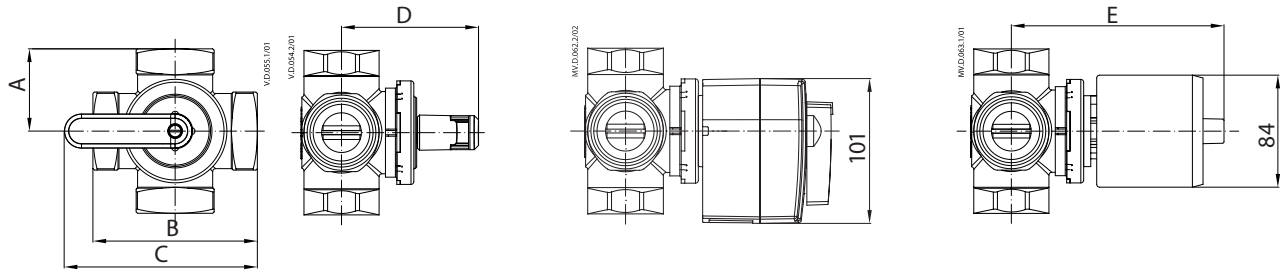


## HRB, HRE, HFE

### HRB 3, HRE 3



### HRB 4, HRE 4



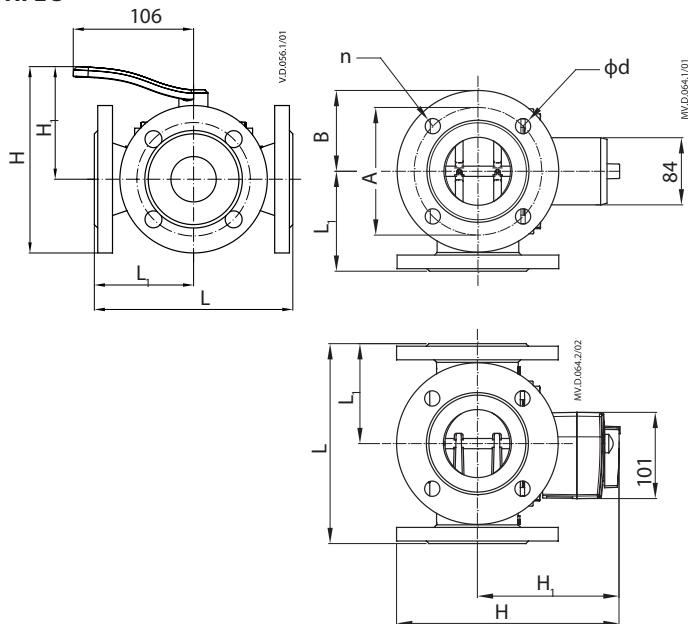
### HRB 3, HRB 4

| DN | A    | B   | C     | D   | E   | Connection | Actuator           |
|----|------|-----|-------|-----|-----|------------|--------------------|
| mm |      |     |       |     |     |            |                    |
| 15 | 36   | 72  | 114   | 88  | 143 | Rp 1/2"    | AMB 162<br>AMB 182 |
| 20 | 36   | 72  | 114   | 88  | 143 | Rp 3/4"    |                    |
| 25 | 41   | 82  | 119   | 92  | 147 | Rp 1"      |                    |
| 32 | 47   | 94  | 125   | 97  | 152 | Rp 1 1/4"  |                    |
| 40 | 58   | 116 | 136   | 97  | 152 | Rp 1 1/2"  |                    |
| 50 | 62.5 | 125 | 140.5 | 103 | 158 | Rp 2"      |                    |

### HRE 3, HRE 4

| DN | A    | B   | C     | D   | E   | Connection | Actuator           |
|----|------|-----|-------|-----|-----|------------|--------------------|
| mm |      |     |       |     |     |            |                    |
| 20 | 52.5 | 105 | 130.5 | 88  | 140 | Rp 3/4"    | AMB 162<br>AMB 182 |
| 25 | 54   | 108 | 132   | 92  | 144 | Rp 1"      |                    |
| 32 | 57.5 | 115 | 135.5 | 102 | 154 | Rp 1 1/4"  |                    |
| 40 | 60   | 120 | 138   | 102 | 154 | Rp 1 1/2"  |                    |
| 50 | 78   | 156 | 156   | 108 | 160 | Rp 2"      |                    |

### HFE 3



### HFE 3

| DN  | H   | H <sub>1</sub> | L   | L <sub>1</sub> | B   | DC  | φd   | n | Actuator           |
|-----|-----|----------------|-----|----------------|-----|-----|------|---|--------------------|
| mm  |     |                |     |                |     |     |      |   |                    |
| 20  | 131 | 140            | 140 | 70             | 45  | 65  | 11,5 | 4 | AMB 162<br>AMB 182 |
| 25  | 136 | 140            | 150 | 75             | 50  | 75  | 11,5 | 4 |                    |
| 32  | 152 | 146            | 160 | 80             | 60  | 90  | 15   | 4 |                    |
| 40  | 157 | 146            | 175 | 88             | 65  | 100 | 15   | 4 |                    |
| 50  | 171 | 155            | 195 | 98             | 70  | 110 | 15   | 4 |                    |
| 65  | 181 | 155            | 200 | 100            | 80  | 130 | 15   | 4 | AMB 182            |
| 80  | 208 | 167            | 235 | 118            | 95  | 150 | 18   | 4 |                    |
| 100 | 228 | 177            | 265 | 133            | 105 | 170 | 18   | 4 |                    |
| 125 | 253 | 187            | 300 | 150            | 120 | 200 | 18   | 8 |                    |
| 150 | 271 | 192            | 350 | 175            | 133 | 225 | 18   | 8 |                    |

## Danfoss A/S

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