

Description



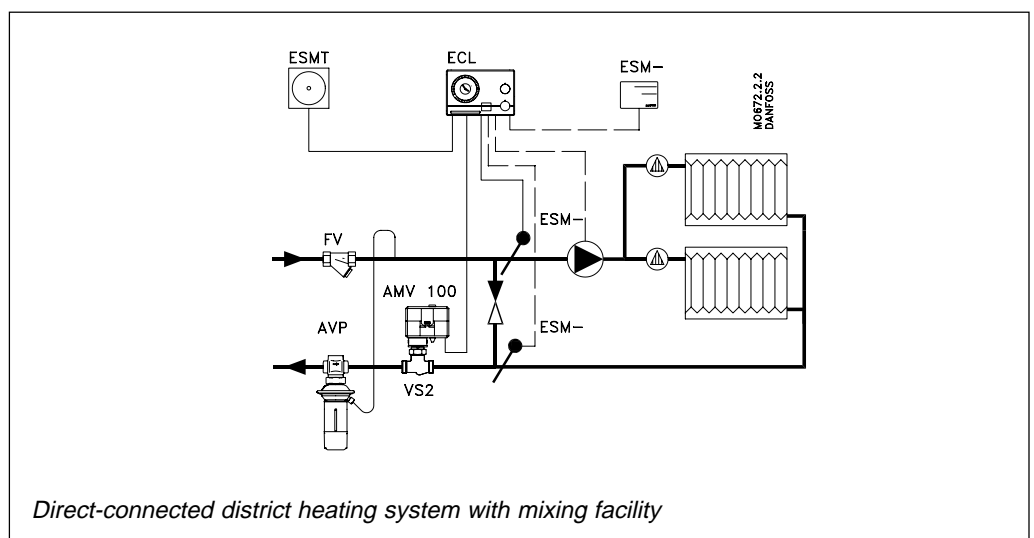
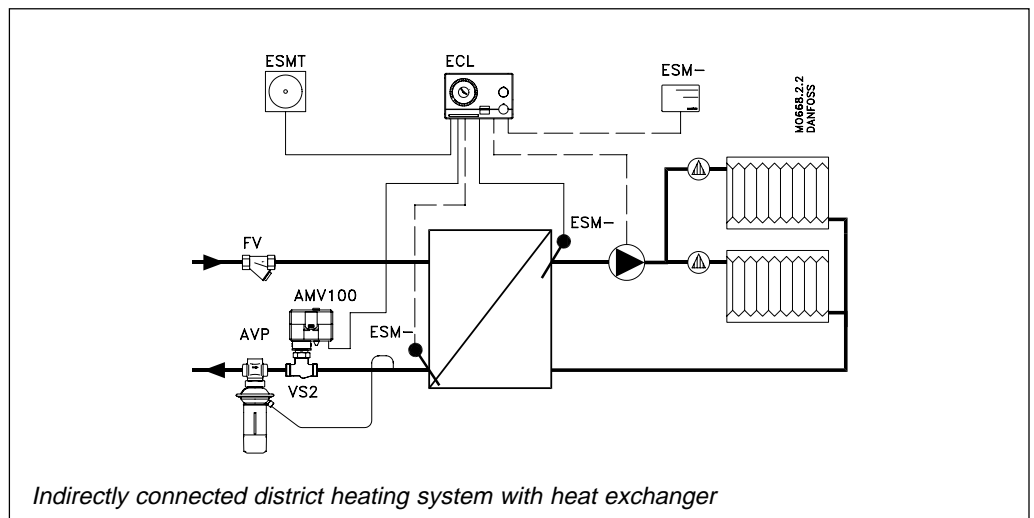
AMV 100 is used together with seated valve VS2 DN 15 in district heating systems or with 3-way seated valve VMV. The seated valves have threads for motor fitting M30 x 1.5.

The actuator AMV 100 is available for the Danfoss ECL and EPU or any other 3-point controls.

Main data:

- speed 90 s/mm
- 230/240 V~ and 24 V ~
- built-in manual operation.

Principles



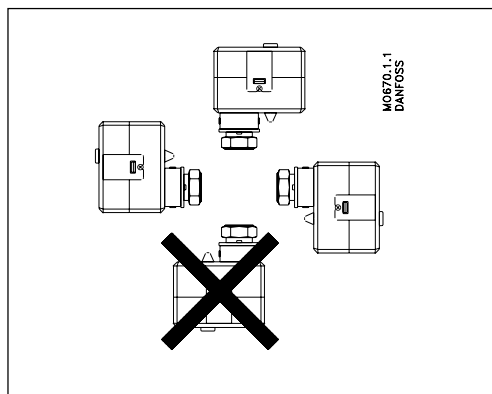
Ordering

| Type | Supply voltage | Spindle speed | Control mode | Code No. |
|---------|----------------|---------------|--------------|-----------------|
| AMV 100 | 24 V~ | 90 s/mm | 3-point | 082G1062 |
| AMV 100 | 230 V~ | 90 s/mm | 3-point | 082G1063 |

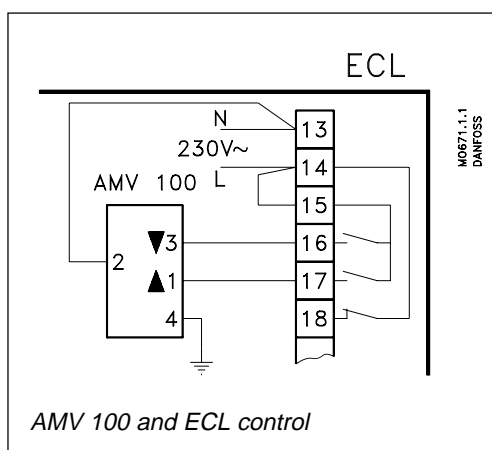
Data

| | |
|--|--|
| Supply voltage | 24 V \pm 10% 230 - 240 V +6 to -10% |
| Power consumption | 1.5 VA |
| Frequency | 50 Hz |
| Control voltage | 3-point |
| Cable | 2 m, 4 x 0.75 mm ² |
| Power output | 300 N |
| Spindle travel | 4 mm |
| Spindle speed | 90 s/mm |
| Enclosure | IP 40 |
| Ambient temperature | -15 to +50 C |
| Storage and transport temperature | -40 to +70 C |
| Weight | 0.55 kg |
| CE - marking in accordance with the standards | EMC- Directive 89/336/EEC, 92/31/EEC, 93/68/EEC, EN 50081-1 and EN 50082-1 Low Voltage Directive 73/23/EEC and 93/68/EEC, EN 60730/2/14 |

Mounting

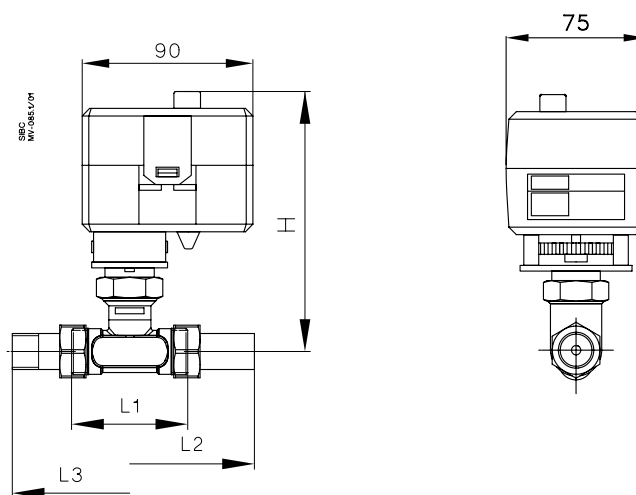


Wiring



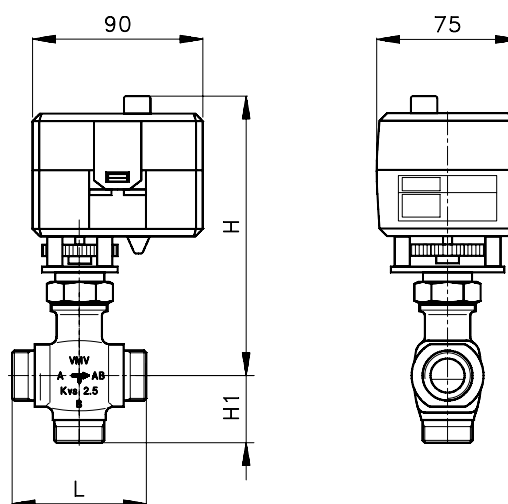
Dimensions

AMV 100 and VS2



| Type | L ₁ m | L ₂ mm | L ₃ mm | H mm |
|--------|---------------------|----------------------|----------------------|---------|
| VS2 15 | 65 | 139 | 131 | 140 |

AMV 100 and VMV



M0786.1.1
DANFOSS

| Type | L mm | H ₁ mm | H mm |
|--------|---------|----------------------|---------|
| VMV 15 | 70 | 35 | 160 |
| VMV 20 | 80 | 40 | 160 |
| VMV 25 | 90 | 45 | 165 |
| VMV 32 | 105 | 50 | 170 |
| VMV 40 | 120 | 60 | 175 |

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