

## T-MIX

Automatic thermally operated loading valve in cast iron for solid fuel boiler/storage tank installations.

### Design

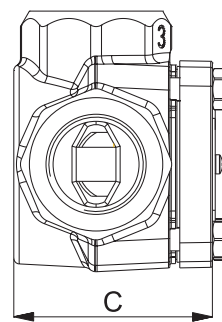
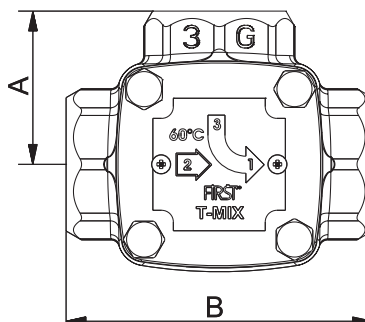
T-MIX ensures a minimum return-water temperature in the heating boiler, which increases the efficiency, prevents tarring and considerably prolongs the lifetime of the solid-fuel boiler. T-MIX eliminates the risk of destructive thermal shock to both steel and cast iron boilers. T-MIX thermally operated loading valve renders a more effective burning and is therefore a necessary part of a solid fuel installation with a storage tank.

T-MIX loading valves are delivered with an opening temperature of 45°C, 55°C or 60°C.

The valve can be mounted in any position. It requires no maintenance.

### Technical data:

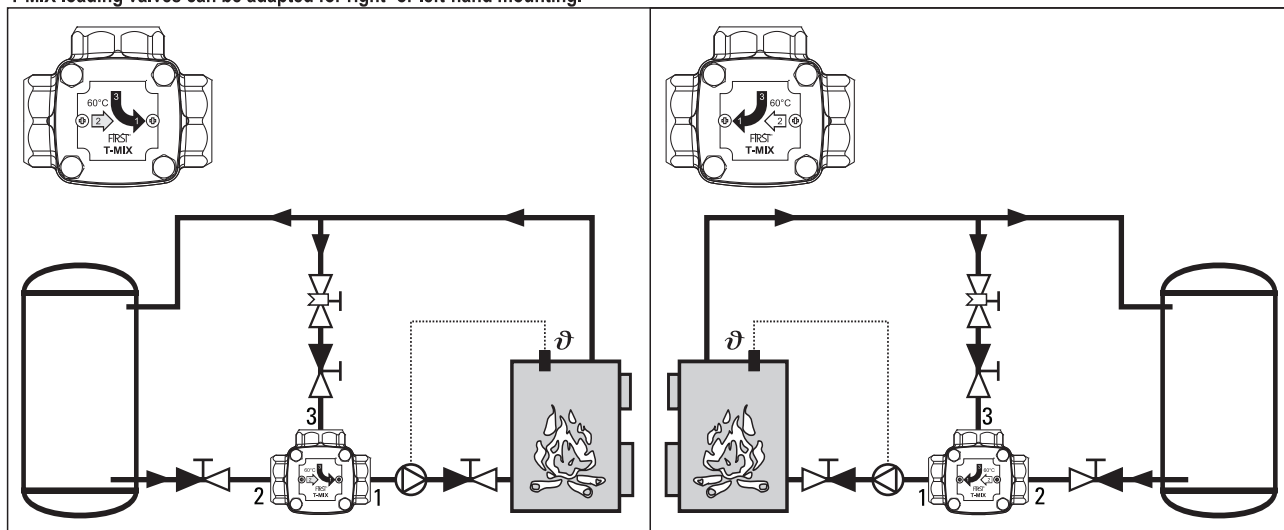
|                          |                                             |
|--------------------------|---------------------------------------------|
| DN20-DN40                |                                             |
| Medium temperature       | +5°C..+110°C                                |
| Max. operating pressure: | 6bar                                        |
| Material valve body:     | Cast iron                                   |
| Inner part               | PPS                                         |
| Sealings:                | PTFE, klingerit (tesnit BA-R)               |
| Liquids:                 | Cold and hot water with Glykol max. 50% vol |
| Opening temperatures     | 45°C, 55°C or 60°C                          |



3-way thermic loading valve T-MIX

| Type            | Kvs | Opening temperature | Fully opened temp. | A [mm] | B [mm] | C [mm] | kg   | Order-Nr | Eur/Pc |
|-----------------|-----|---------------------|--------------------|--------|--------|--------|------|----------|--------|
| T-MIX DN25 60°C | 9   | <+60°C              | +70°C              | 54     | 108    | 68     | 1,65 | 41062    |        |
| T-MIX DN32 60°C | 14  | <+60°C              | +70°C              | 57,5   | 115    | 73     | 1,83 | 41063    |        |
| T-MIX DN40 60°C | 17  | <+60°C              | +70°C              | 60     | 120    | 77     | 2,25 | 41064    |        |
| T-MIX DN25 55°C | 9   | <+55°C              | +65°C              | 54     | 108    | 68     | 1,65 | 41065    |        |
| T-MIX DN32 55°C | 14  | <+55°C              | +65°C              | 57,5   | 115    | 73     | 1,83 | 41066    |        |
| T-MIX DN40 55°C | 17  | <+55°C              | +65°C              | 60     | 120    | 77     | 2,25 | 41067    |        |
| T-MIX DN25 45°C | 9   | <+45°C              | +55°C              | 54     | 108    | 68     | 1,65 | 41068    |        |
| T-MIX DN32 45°C | 14  | <+45°C              | +55°C              | 57,5   | 115    | 73     | 1,83 | 41069    |        |
| T-MIX DN40 45°C | 17  | <+45°C              | +55°C              | 60     | 120    | 77     | 2,25 | 41070    |        |

T-MIX loading valves can be adapted for right- or left-hand mounting.



For optimal operations, it is recommended to install a balancing valve in the bypass piping.