


CSE MIX-BP W6 1F Pump Station

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|---|----------------------|--|
|  | Main features | |
| | Application | Providing circulation and mixing of a heating circuit or solid fuel fired source circuit. Switching of the circulation pump and control of the mixing valve is realized from an external controller (not included in supply). An actuator of the Regulus AVC, ACC, AHC type can be added to the mixing valve. Select the specific type and parameters of the actuator according to the installed controller. |
| | Description | consists of Wilo Para 25/6 SC pump, LK 840 3-way mixing valve, pump fittings with ball valve, insulation |
| | Working fluid | water; water/glycol mixture (max. 1:1) or water-glycerine mixture (max. 2:1) |
| | Installation | flow pipe to heating circuit / solid fuel boiler return pipe, min. pipe centre distance from wall is 100 mm |
| | Code | 18731 |

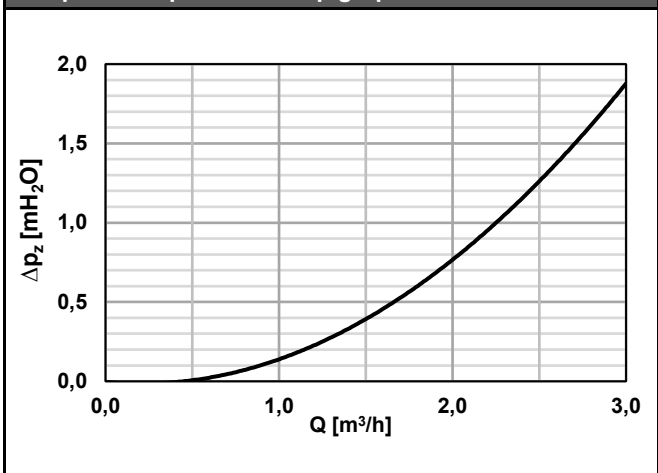
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| Pump Station Data | |
| Fluid working temperature | 5 - 95 °C |
| Max. working pressure | 10 bar |
| Min. working pressure | 0,5 bar |
| Ambient temperature | 5 - 40 °C |
| Max. relative humidity | 80 % non condensing |
| Mixing valve Kvs | 10 m ³ /h |
| Mixing valve leak rate | < 1 % Kvs at 5 mH ₂ O pressure difference |
| Max. pump speed | 4300 rpm |
| Overall dimensions | 325 x 140 x 160 mm |
| Total weight | 3,9 kg |
| Connections | 3 x G 5/4" F |

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|------------------------------|--------------|
| Electric Data | |
| Pump power supply | 230 V, 50 Hz |
| Pump power input (min./max.) | 3/43 W |
| Pump current (min./max) | 0,04/0,44 A |

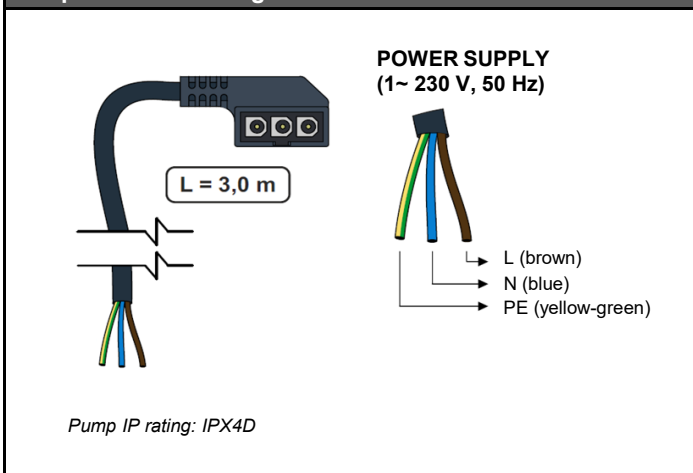
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| Materials | |
| Insulation | EPP RG 60 g/l |
| Mixing valve and fittings | brass |

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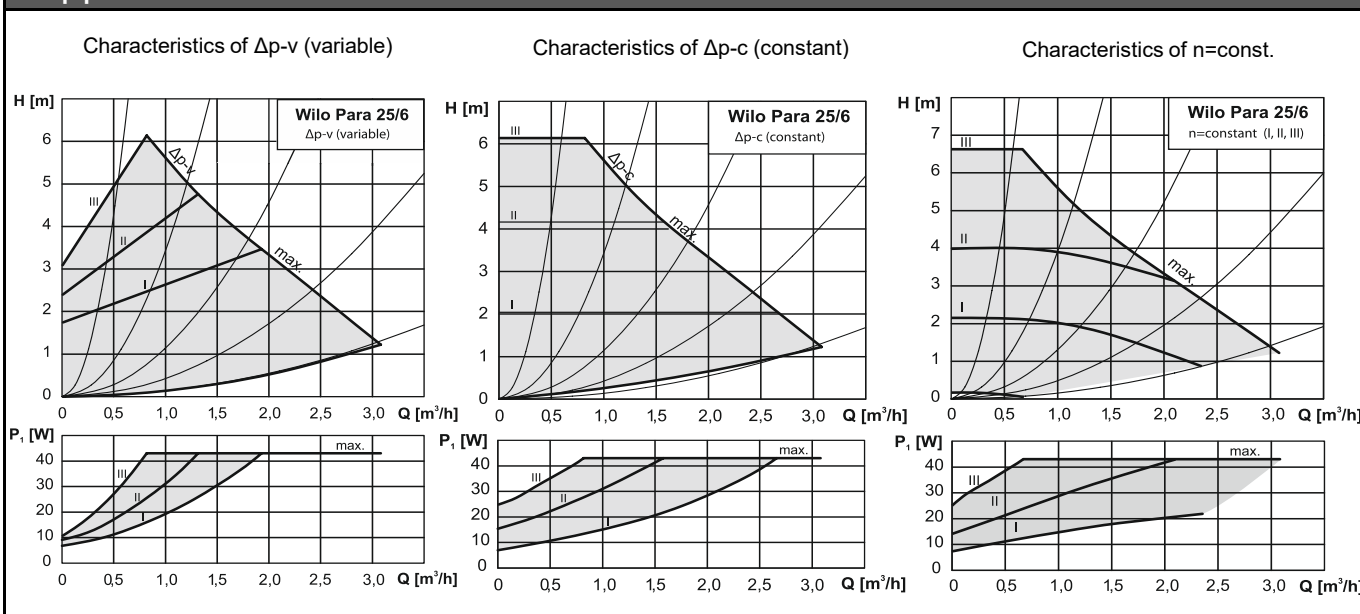
Pump station pressure drop graph



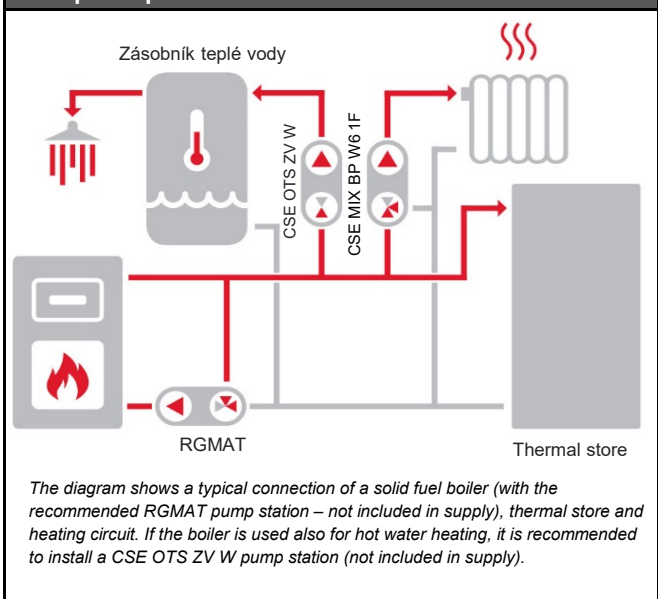
Pump electrical wiring



Pump performance curves



Example of possible connection I



Example of possible connection II

