

CSE OTS MFB+ZV W Pump Station



Spanner for ball valve w. non-return valve

| Main Features | |
|---------------|--|
| Application | heating system flow |
| Description | consists of PARA 25/8 SC 130 mm pump, ball valve w. non-return valve, ball valve w. strainer and magnet, thermometer, insulation |
| Working fluid | water; water/glycol mixture (max. 1:1) or water-glycerine mixture (max. 2:1) |
| Installation | flow pipe, min. pipe centre distance from wall = 100 mm |
| Code | 17818 |

| Data for CSE OTS MFB+ZV W Pump Station | |
|--|--------------------|
| Fluid working temperature | 0 - 100 °C |
| Max. working pressure | 10 bar |
| Max. ambient temperature | 58 °C |
| Power supply | 230 V, 50 Hz |
| Insulation material | EPP RG 60 g/l |
| Overall dimensions | 325 x 140 x 150 mm |
| Total weight | 2.9 kg |
| Connections | 2 x G 1" F |

| PARA 25/8 SC Pump | |
|-------------------------|-----------------------|
| Electric Data | |
| Power supply | 1 ~ 230 V, 50 - 60 Hz |
| Power input (min./max.) | 2 / 75 W |
| Current (min./max.) | 0.03 / 0.66 A |
| Max. speed | 4800 rpm |
| Speed control | frequency converter |
| Energy Efficiency Index | ≤ 0.21 by EN 16 297/3 |
| IP rating | IPX4D |
| Motor protection | integrated |

| Min. Pressure at the Suction Port to avoid cavitation | |
|---|--------------------------------|
| Min. pressure at the pump | 0.5 mH ₂ O at 50 °C |
| suction port | 4.5 mH ₂ O at 95 °C |

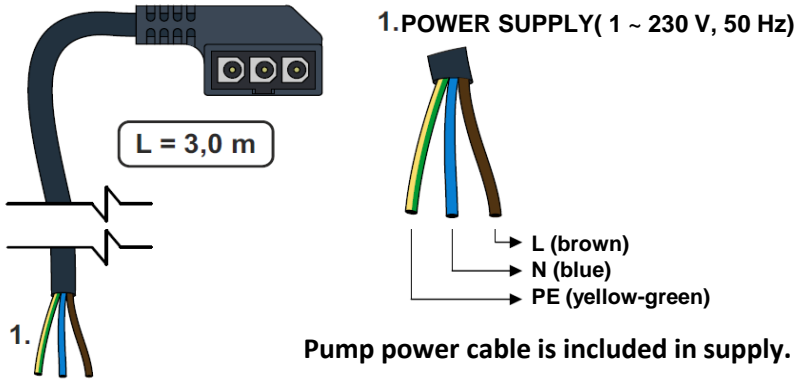
| Operating Parameters | |
|---------------------------|--|
| Fluid working temperature | 0 - 100°C at 58 °C ambient temperature |
| Max. static pressure | 10 bar |
| Max. head | 7.7 m |

| Ball Valve with Non-return Valve | |
|----------------------------------|-----------------------|
| Technical Data | |
| Fluid working temperature | 120 °C |
| Max. working pressure | 16 bar |
| Kvs value | 7,2 m ³ /h |

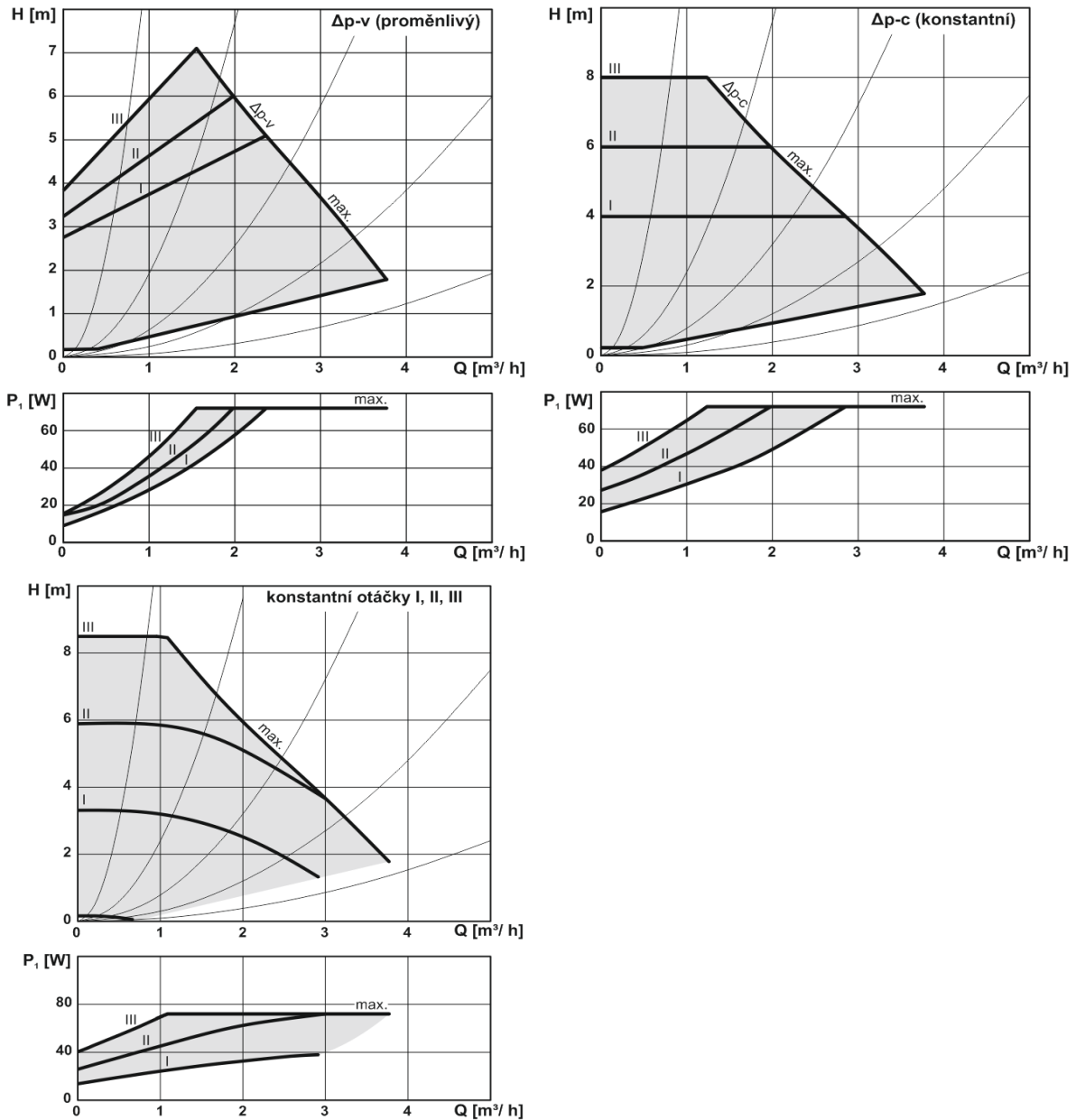
| Ball Valve w. Strainer & Magnet | |
|---------------------------------|------------------|
| Technical Data | |
| Fluid working temperature | 100 °C |
| Max. working pressure | 16 bar |
| Magnetic induction | 1.2 T (12000 Gs) |
| Strainer mesh size | 0.6 mm |

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PARA 25/8 SC Pump Connection - Molex connectors



Performance Curves for PARA 25/8 SC Pump



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Ball valve with non-return valve pressure drop diagram

