

## DATA SHEET

### CSE OTS R8 1F Pump Station



Main Features	
Description	<p>CSE OTS W8 pump station is designed to be installed in unmixed hydraulic heating circuits where a check valve is not required. The pump station provides circulation through the concerned heating circuit.</p> <p>The pump station consists of:</p> <ul style="list-style-type: none"> <li>• RPA 25-8 pump including a power cable,</li> <li>• two ball valves with union nuts,</li> <li>• thermometer,</li> <li>• insulation.</li> </ul>
Working fluid	Water, water-glycol mixture (max. 1:1). pH range 6.5-8.5. We recommend placing a filter with a mesh size of max. 0.6 mm upstream of the pump – e.g. Magnetfilterball – see the Catalogue.
Installation	Flow pipe, min. pipe centre distance from wall = 100 mm.
Code	<b>21123</b>

#### Pump Station Data

Fluid operating temp.	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
Power supply	230 V, 50 Hz
Insulation material	EPP RG 60 g/l
Overall dimensions	305 x 165 x 170 mm
Total weight	2.5 kg
Connections	2 x G 1" F

#### Pump Electric Data

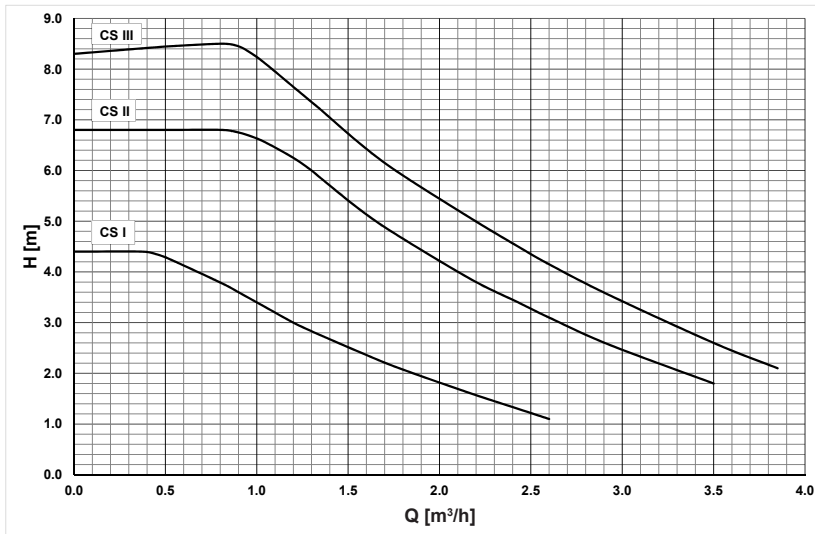
Power supply	1~230 V, 50–60 Hz
Max. power input	65 W
Max. current	0.65 A
Speed control	frequency converter
IP rating	IP44
Motor protection	no need (resistant to blockage)

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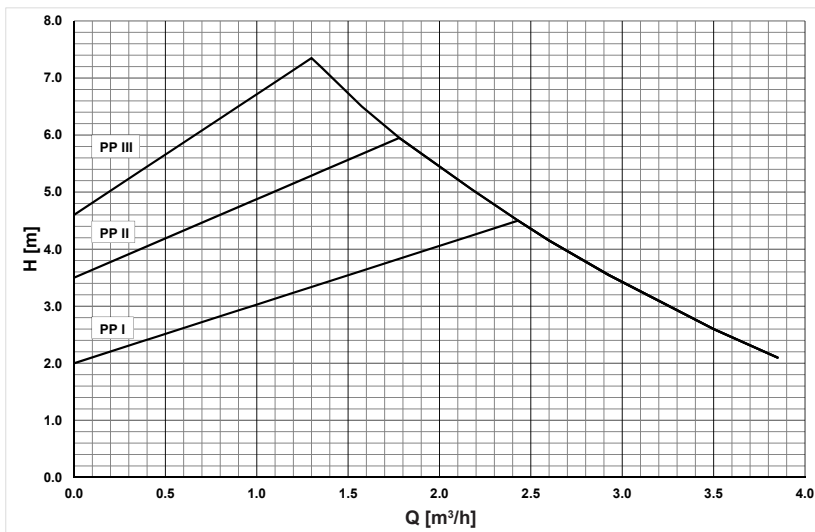
## CSE OTS R8 1F Pump Station

### RPA 25-8 Pump Performance Curves

**Constant speed**



**Variable pressure**



**Constant pressure**

