

DATA SHEET

CSE OTS ZV R8 1F Pump Station



Main Features

Description	<p>The CSE OTS ZV R8 1F pump station is designed for installation in unmixed hydraulic heating circuits where a check valve is required. The pump station ensures circulation through the given hydraulic circuit and at the same time prevents circulation through the circuit in the opposite direction.</p> <p>The pump station consists of:</p> <ul style="list-style-type: none"> • RPA 25-8 pump including a power cable, • ball valve with union nut and check valve, • ball valve with union nut, • thermometer, • insulation.
Working fluid	<p>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 for codes.</p>
Installation	<p>Flow pipe, min. pipe centre distance from wall = 100 mm.</p>
Code	<p>21367</p>

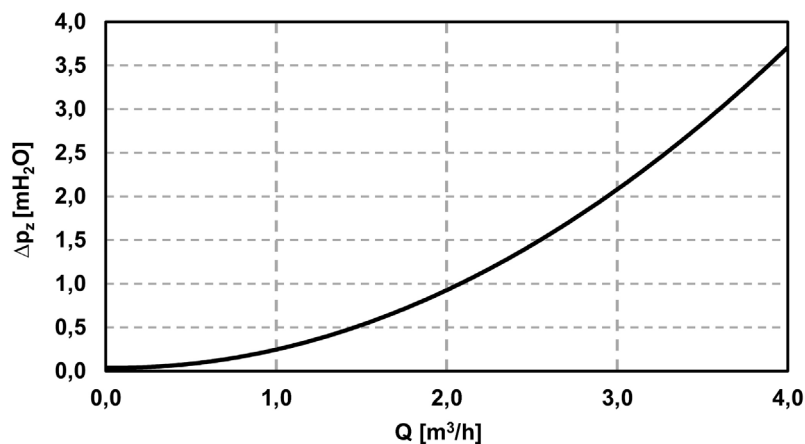
Pump Station Data

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	2.8 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)

Pump Station Pressure Drop

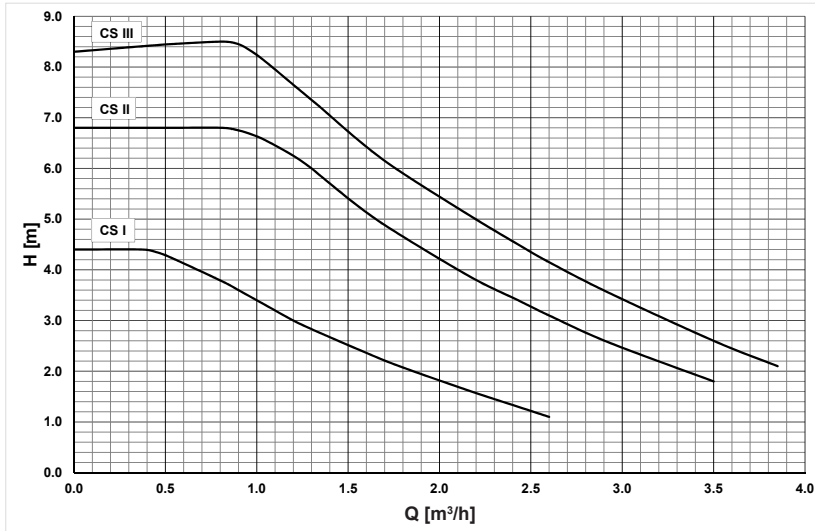


DATA SHEET

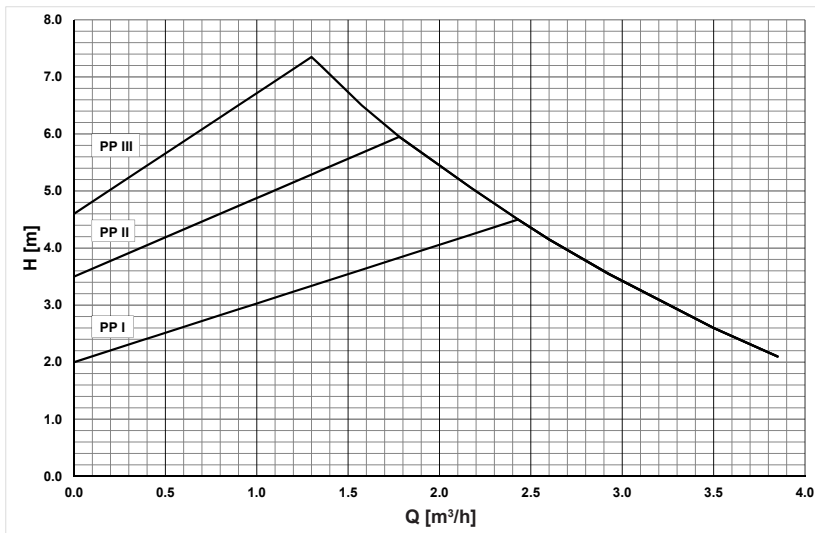
CSE OTS ZV R8 1F Pump Station

RPA 25-8 Pump Performance Curves

Constant speed



Variable pressure



Constant pressure

