

## DATA SHEET

### CSE OTS W8 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>• Wilo Para 25/8 SC 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) or water-glycerine mixture (max. 2:1).
Installation	Flow pipe, min. pipe centre distance from wall = 100 mm.
Code	<b>19636</b>

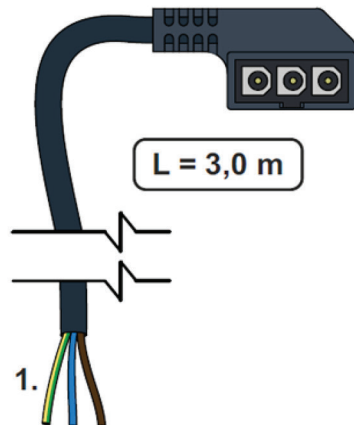
#### Pump Station Data

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

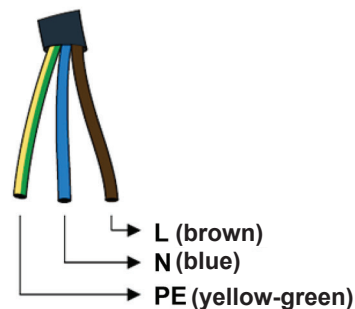
#### Pump Electric Data

Power supply	1~230 V, 50–60 Hz
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 according to EN 16 297/3
IP rating	IPX4D
Motor protection	integrated

#### Pump Wiring



#### 1. POWER SUPPLY (1~ 230 V, 50 Hz)

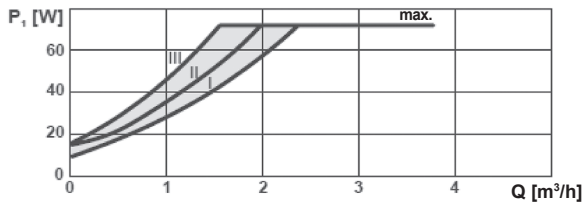
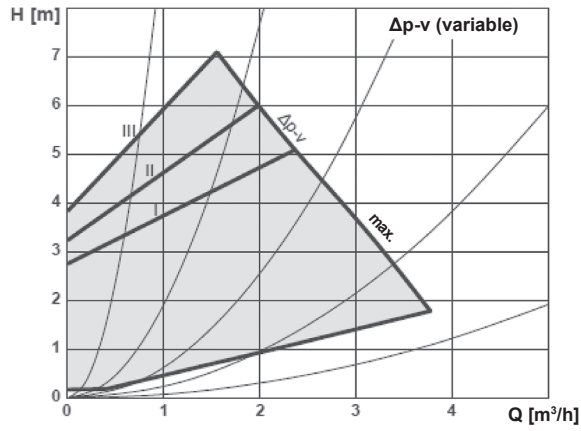


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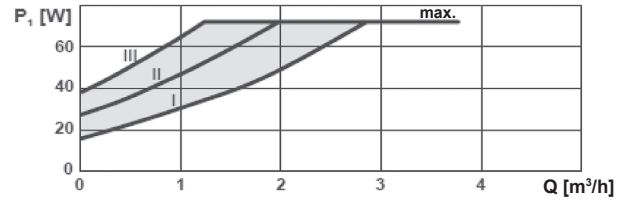
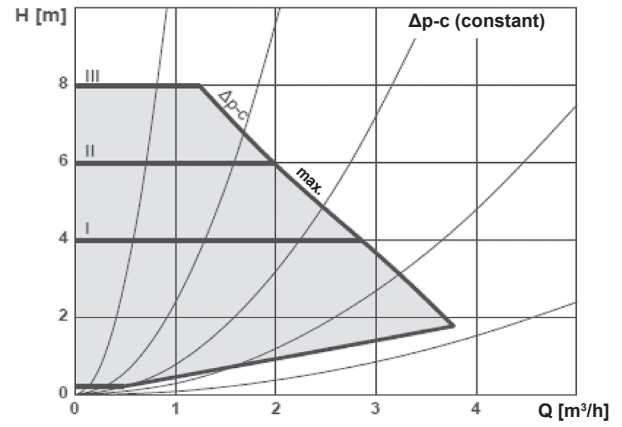
## CSE OTS W8 Pump Station

### Wilo Para 25/8 SC Pump Performance Curves

**Characteristics of  $\Delta p-v$  (variable)**



**Characteristics of  $\Delta p-c$  (constant)**



**Characteristics of  $n = \text{const.}$**

