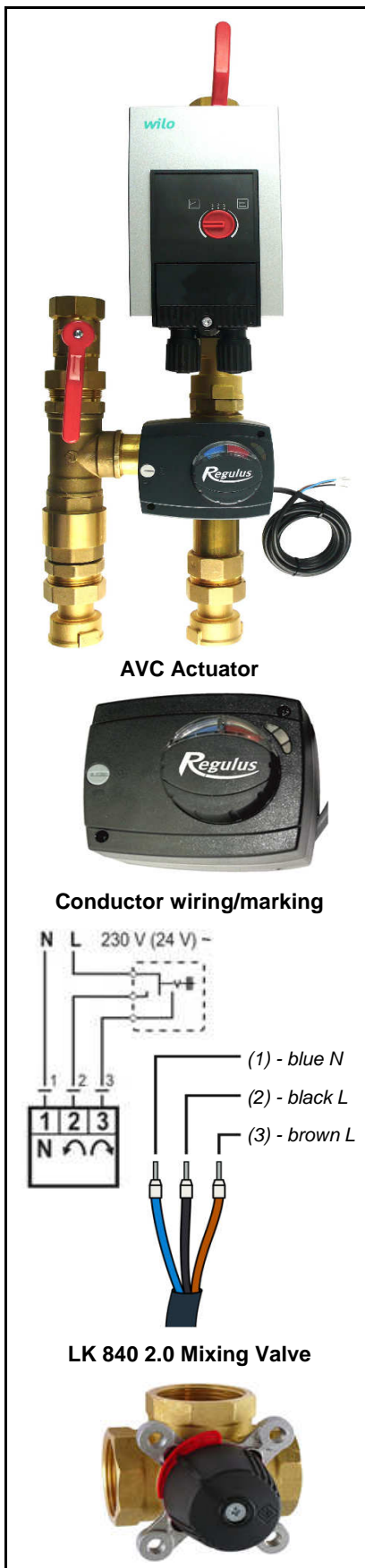


**CS 2 MIX W 5/4F Pump Station**



Main Features	
Application	for heating systems, suitable to be connected to manifolds
Description	twin-line pump station consisting of Yonos MAXO 25/0,5-10 pump, 3-way mixing valve with actuator, non-return valve, 2 ball valves
Working fluid	water, water-glycol mixture (max. 1:1)
<b>Code</b>	<b>17267</b>

Data for CS 2 MIX W 5/4F Pump Station	
Fluid working temper.	5 to 110 °C
Max. working pressure	10 bar
Max. ambient temper.	40 °C
Power supply	230 V, 50 Hz
IP rating	IP42
Connection pitch	125 mm
Overall dimensions	200 x 560 x 235 mm
Total weight	9.2 kg
Connections	4 x G 5/4" F

Accessories	
Code 15857	manifold, 2 heat. circuits, G 5/4" x G 2"
Code 17230	manifold, 3 heat. circuits, G 5/4" x G 2"

Yonos MAXO 25/0,5-10 Pump	
Electric Data	
Power input (min./max.)	5/190 W
Current (min./max)	0.08/1.30 A
Max. speed	4450 rpm
Speed control	frequency converter
Energy Efficiency Index	≤ 0.20 by EN 16 297/3
Motor protection	integrated

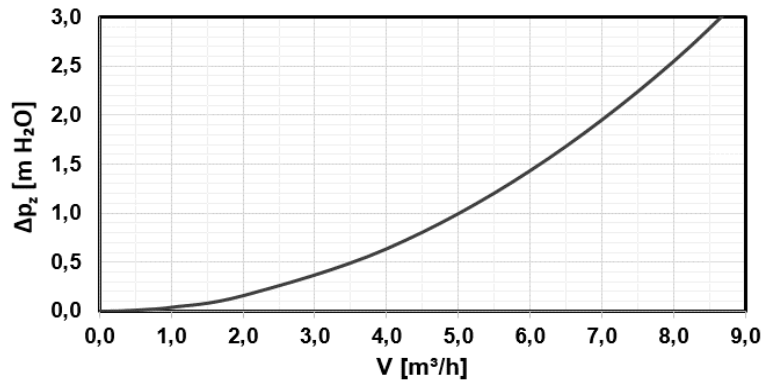
Min. pressures at pump suction port to avoid cavitation	
Min. pressures at suction port	3 mH <sub>2</sub> O at 50 °C 10 mH <sub>2</sub> O at 95 °C 16 mH <sub>2</sub> O at 110 °C

AVC Actuator for mixing valve	
Technical Data	
Torque	5 Nm
Shift time	120 s
Max. power input	2.5 W
Protection class	II by EN 60730-1
Cable length, cross sect.	l = 2m, S = 3 x 0.5 mm <sup>2</sup>

LK 840 2.0 Three-way Mixing Valve	
Technical Data	
Max. working pressure	10 bar
Max. pressure difference	5 m H <sub>2</sub> O
Kvs value	16 m <sup>3</sup> /h
Leak rate	< 1 % K <sub>vs</sub> at pressure diff. 5 m H <sub>2</sub> O

**CS 2 MIX W 5/4F Pump Station**

**Mixing Valve Pressure Drop Diagram**



**Performance Curves of the pump**

