

CS 2 MIX KKMf+ZV W 5/4F Pump Station



Main Features	
Application	for heating systems, suitable to be connected to manifolds (connection pitch 125 mm)
Description	twin-line pump station consisting of Yonos MAXO 25/0,5-10 pump, 3-way mixing valve with actuator, non-return valve, ball valve and ball valve with filtre and magnet
Working fluid	water, water-glycol mixture (max. 1:1)
Code	17819

Data for CS 2 MIX KKMf+ZV 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	9.7 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 ₂ O at 50 °C
	10 mH ₂ O at 95 °C
	16 mH ₂ O at 110 °C

AVC Actuator for mixing valve

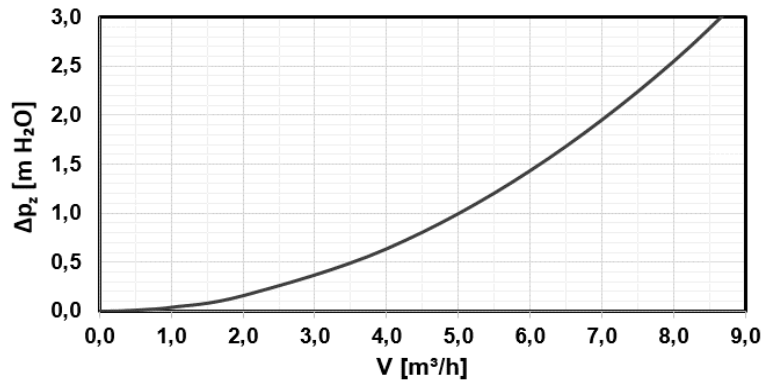
Technical Data	
Torque	5 Nm
Shift time	120 s
Max. power input	2.5 W
Protection class	II by EN 60730-1
Cable length, cross sect.	l = 2m, S = 3 x 0.5 mm ²

LK 840 2.0 Three-way Mixing Valve

Technical Data	
Max. working pressure	10 bar
Max. pressure difference	5 m H ₂ O
Kvs value	16 m ³ /h
Leak rate	< 1 % K _{vS} at pressure diff. 5 m H ₂ O

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Mixing Valve Pressure Drop Diagram



Performance Curves of the pump

