

CSE OTS KKMF+ZV G Pump Station



Spanner for ball valve w. non-return valve

Main Features	
Application	heating system flow
Description	consists of UPM3 FLEX AS 25-75 130 mm pump (control possible either by PWM signal or by selecting a pump performance curve) , ball valve w. non-return valve, ball valve w. strainer and magnet, thermometer, insulation
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	17922

Data for CSE OTS KKMF+ZV G Pump Station	
Fluid working temperature	2-110 °C
Max. working pressure	10 bar
Max. ambient temperature	70 °C
Max. relative humidity	95 %, non condensing
Power supply	230 V, 50 Hz
Insulation material	EPP RG 60 g/l
Overall dimensions	345 x 140 x 150 mm
Total weight	3.6 kg
Connections	2 x G 1" F

UPM3 FLEX AS 25-75 130 mm Pump	
Electric Data	
Power supply	1 x 230 V, 50 Hz
Power input (min./max.)	2 / 60 W
Current (min./max.)	0.04 / 0.58 A
Max. speed	5991 rpm
Weighted average power	≤ 28 W
Energy Efficiency Index	≤ 0.20 by EN 16 297/3
IP rating	IP44
Motor protection	not needed

Min. Pressure at the Suction Port to avoid cavitation	
Min. pressure at the pump suction port	0.5 mH ₂ O at 75 °C 5.1 mH ₂ O at 95 °C 11 mH ₂ O at 110 °C

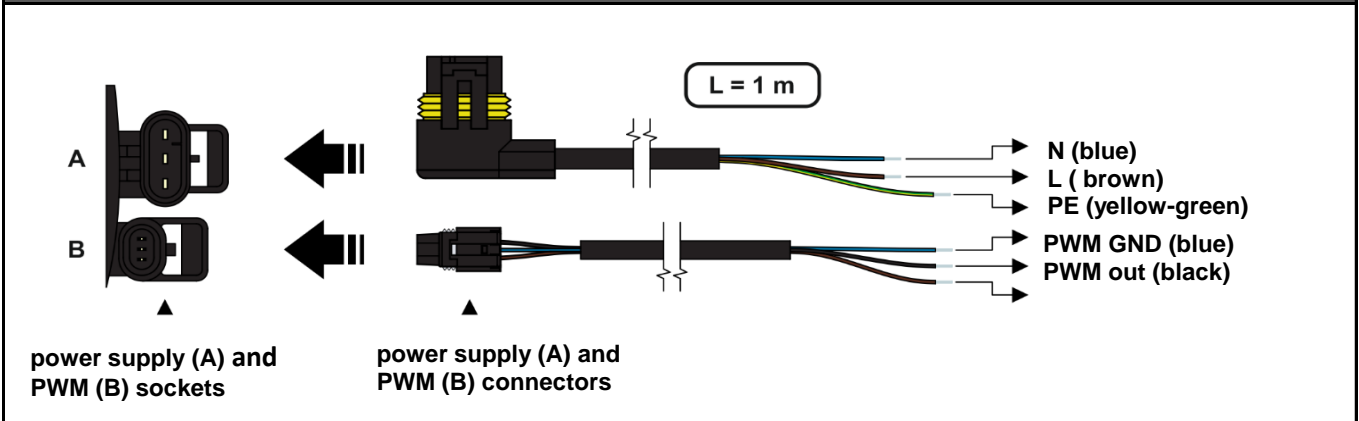
Operating Parameters	
Fluid working temperature	2 -110 °C
Max. working pressure	10 bar

Ball Valve with Non-return Valve	
Technical Data	
Fluid working temperature	120 °C
Max. working pressure	16 bar

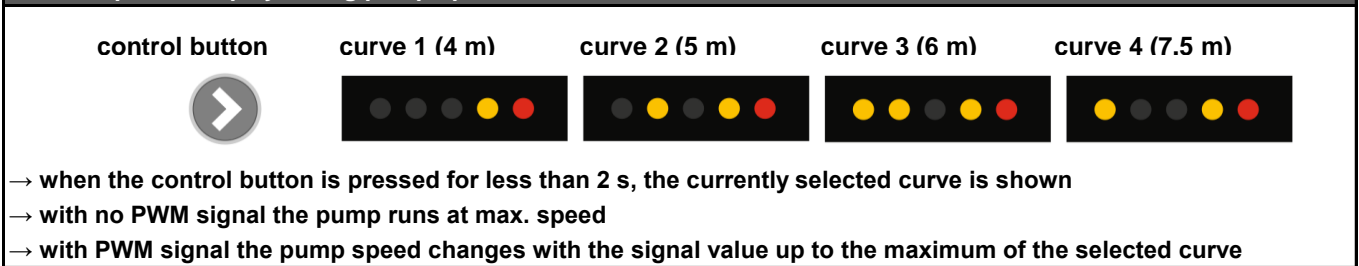
Ball Valve w. Strainer & Magnet	
Technical Data	
Fluid working temperature	100 °C
Max. working pressure	16 bar
Magnetic induction	1.2 T (12000 Gs)
Strainer mesh size	0.6 mm

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UPM3 FLEX AS 25-75 Pump Connection



Selected profile display during pump operation



Performance Curves for UPM3 FLEX AS 25-75 Pump

