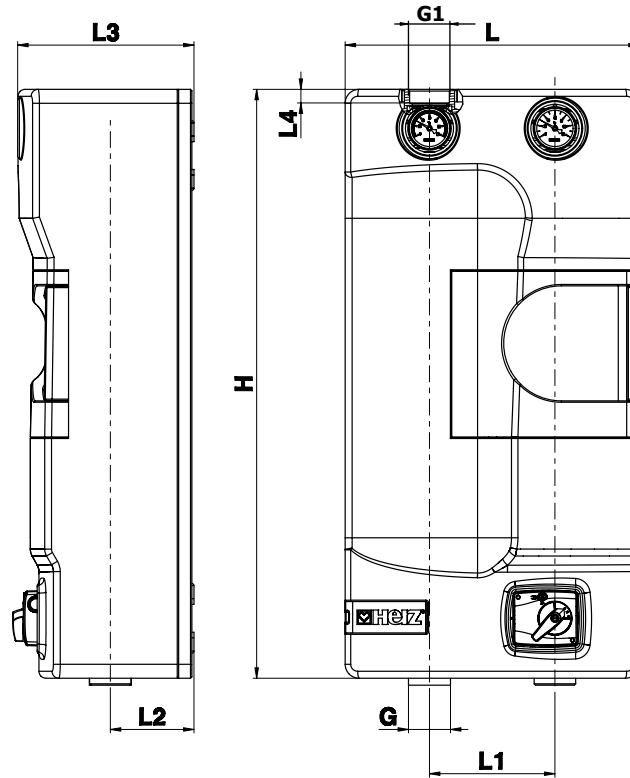


# HERZ Pumpfix Mix

## DN40, DN50

Datasheet 1 4511 7X

### ☑ Dimensions



Order Nr.	DN	Pump	Pump Length	kvs [m <sup>3</sup> /h]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	H [mm]	G** [in]	G1* [in]
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#### 1. Without pump

1 4511 78	40	without pump	240	19,8	422	180	120	253	19	845	2"	2"
1 4511 79	50	without pump	280	29,5	422	180	120	253	19	845	2"	2"

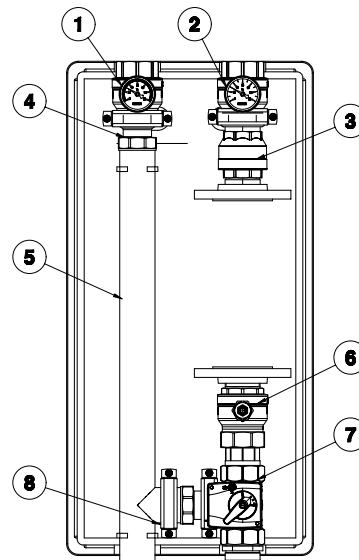
#### 2. Variable speed pump

1 4511 71	40	Wilo Stratos MAXO 40/0,5-8 PN6/10	240	19,8	422	180	120	253	19	845	2"	2"
1 4511 72	50	Wilo Stratos MAXO 50/0,5-9 PN6/10	280	29,5	422	180	120	253	19	845	2"	2"

\*internal thread  
\*\*external thread

### ☑ Components

1. Valve with thermometer (blue)
2. Valve with thermometer (red)
3. Check valve
4. Connector with free moving nut
5. T-piece spacer
6. Ball valve
7. Mixing valve with actuator
8. Mounting bracket



### ☑ Material and construction

Ball valve with thermometer:	forged brass acc. to EN 12165, CW 617N
Ball:	forged brass acc. to EN 12165, hard chrome plated, CW617N
Handle in ball valve:	turned brass acc. to EN12164, CW617N
Spacer (short & long):	galvanized steel
Check valve body:	forged brass (CW617N) acc. EN 12420
Threaded connectors of closing valve:	internal thread acc. to ISO 7-1
Threaded connector of check valve:	internal thread acc. to ISO 7-1
Spindle:	turned brass acc. to EN12164, CW614N
Ball seals:	PTFE
Gaskets:	EPDM / Klingerit
Insulation material of pump group:	EPP

### ☑ Operating data

Nominal pressure :	max. 10 bar
Max. operating temperature:	110°C
Max short-term temperature:	120°C < 15s
Min. operating temperature:	0° C (water 0,5°)
Propylene glycol mixing ratio:	25-50%

Medium:

Heating water according to ÖNORM H5195 or VDI-Standard 2035. The use of ethylene or propylene glycol in a mixing ratio 25- 50% is allowed. EPDM gaskets can be affected by mineral oils lubricants and thus lead to failure of the EPDM seals. Please refer to manufacturers documentation when using ethylene glycol and propylene glycol products for frost and corrosion protection.

### ☑ Recommended range of application

DN 40 Max. heat output $\Delta T = 20K$ at 7500 l/h:	to 175 kW
DN 50 Max. heat output $\Delta T = 20K$ at 10400 l/h:	to 220 kW

### ☑ Field of application:

The HERZ- PUMPFIX pump group is used in heating and chilled water systems. The installation of circulation pumps of different manufacturers and types is possible. The integrated 3-way valve can be used for mixing or distribution service in combination with the actuator. An equal percentage, linear or quadratic characteristic curve can be adjusted on the actuator (1 7712 63).

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