

HERZ PUMPFIX

Hydraulic separator DN 25

General information

☑ Description of HERZ hydraulic separator

HERZ PUMPFIX hydraulic separator is high quality product that is pressure tested during the manufacturing process under constant quality control. The hydraulic separator is designed so that is compatible with HERZ pumpfix distributor DN25.

☑ Assembly:

It is recommended to connect the hydraulic separator and pump distributor DN25 using EPDM flat sealings. Alternatively, the temperature sensor can also be connected to the hydraulic separator where the G 1/2 "connector is located.

☑ Application:

HERZ hydraulic separator is a compensation chamber that allows independent operation of individual heating circuits. We use them in cases where the primary circulation pumps affect one or more secondary circuits. This solves the problems related to the flows and pressures of individual circuits. The hydraulic switch DN25 is installed horizontally on the pumpix distributor.

☑ Maintenance instructions

When the hydraulic separator DN25 is mounted does not require any special maintenance. It is recommended that the switch remains in the original packaging until installation.

☑ Disposal instructions

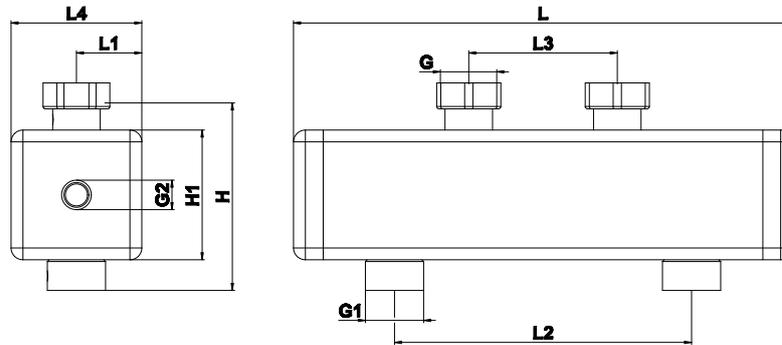
The disposal of the HERZ PUMPFIX hydraulic separators must not endanger health or environment. Users have to follow the national legal regulations for proper disposal of the HERZ PUMPFIX distributors.

HERZ PUMPFIX

Hydraulic separator DN 25

Datasheet 1 4513 53

Dimensions



Order Nr.	DN	L [mm]	H [mm]	H1 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G* [in]	G1** [in]	G2*** [in]
1 4513 53	25	420	162	110	55	250	125	110	1-1/2"	1-1/4"	1/2"

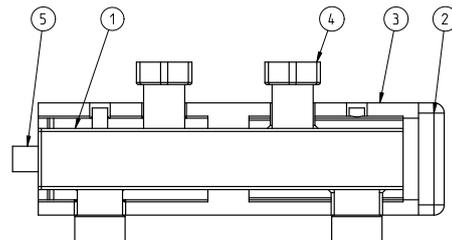
*Internal thread (free turning nut)

**external thread

***Internal thread

Components of HERZ PUMPFIX Hydraulic separator

1. Separator body
2. Insulation cap
3. Side cover
4. Nut
5. Connection for temperature sensor



Material and construction

Fittings:	Cast iron EN-GJMW-400-5, DIN EN 1562
Flat sealing:	EPDM
Insulation:	EPP
Casing:	Powder coated steel (black)

Operating data

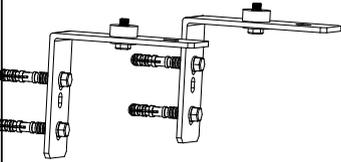
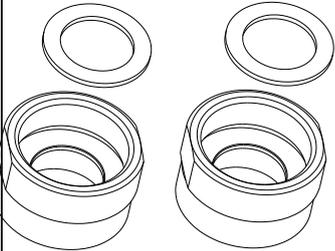
Max. operating temperature:	110°C
Max. admissible pressure:	4 bar
Max flow:	3 m ³ /h

Medium

Heating water quality 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 oil lubricants and thus lead to failure of the sealings. Please refer to manufacturers documentation when using ethylene glycol and propylene glycol products for freezing and corrosion protection.

HERZ PUMPFIX

Distributor accessories

Illustration	Description	Item number
	<p style="text-align: center;">Wall fixing set</p> <p>Set contains: 2 mounting brackets, 4 plastic plugs, 4 screws and 4 nuts for the assembly of the distributor on the wall. Set also contains two M12 nuts and two washers for assembly of the distributor on brackets.</p>	<p style="text-align: center;">DN25 1 4513 93</p> <p style="text-align: center;">DN32 1 4513 94</p>
	<p style="text-align: center;">Adapter connection set</p> <p>Set allows mounting of pump group DN25 on distributor DN32 (only for sheet metal distributor). Set also contains two flat seals.</p> <p style="text-align: center;">Adapter: Material: turned brass acc. to EN12164, CW614N Upper internal thread: 1-1/4" acc. to ISO 228 Lower external thread: 1-1/2" acc. to ISO 228</p> <p style="text-align: center;">Flat seal: Material: EPDM</p>	<p style="text-align: center;">1 4510 51</p>
	<p style="text-align: center;">Flat seals set for PUMPFIX system DN25</p> <p>Set is equipped with two flat seals for sealing between distributor DN25 and pump group DN25</p> <p style="text-align: center;">Material: EPDM</p>	<p style="text-align: center;">1 4510 52</p>
	<p style="text-align: center;">Flat seals set for PUMPFIX system DN32</p> <p>Set is equipped with two flat seals for sealing between distributor DN32 and pump group DN32</p> <p style="text-align: center;">Material: EPDM</p>	<p style="text-align: center;">1 4510 53</p>