

BAUFIX 100

UNDERFLOOR SUMP

- Use in groundwater areas possible
- Floor drain
- Includes complete internal pipework
- Level-compensating frame
- Odour-tight cover
- Seal collar for attaching to the customer's thin-bed waterproofing system
- Guide rail system for U3KS, U5KS, U6K ES/DS



DESCRIPTION

Without a great deal of construction work, underfloor sump Baufix 100 can be used to remove effluent from laundries, storage or cellar areas below the backpressure level. The use as a collecting tank for faeces is not permitted.

Without formwork, the pressure-resistant plastic container is placed into the concrete bed and forms a collecting tank for underfloor pipework. The installation in areas subject to the groundwater flooding is permitted only along with additional measures (water-tight concrete shell) as the connection between PE and concrete does not withstand pressing water. The pump to be placed can be selected according to the amount of wastewater. The dirty water to be transported and the pumping power required have to be taken into consideration in particular. In case of slightly dirty water (grain size max. 10 mm), pumps U3KS, U5KS as well as U6K ES+DS can be used. If the admixtures are larger or the volume of wastewater is bigger, the use of a pump of the US series is recommendable. Pumps US 73+103 Ex are used in hazardous areas. For the disposal of condensate from condensing boilers, the special variant U3KS spezial has to be used.

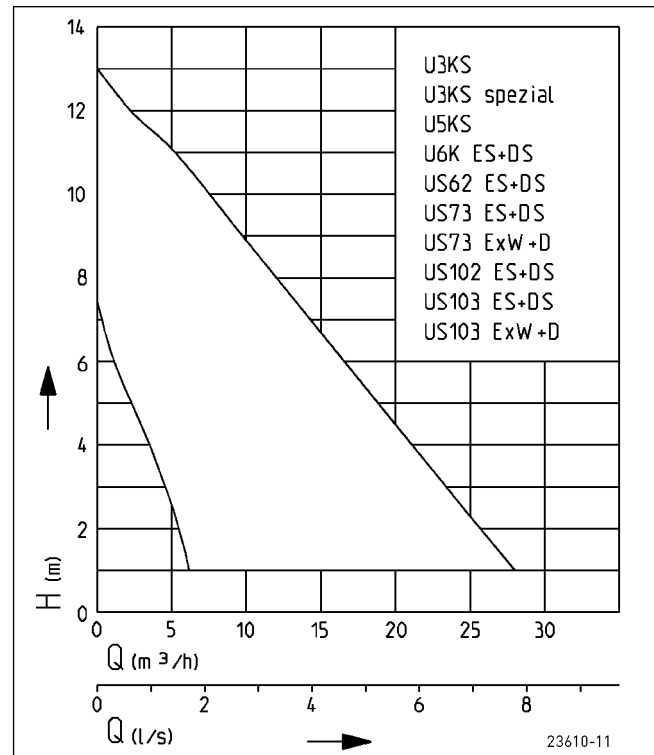
The swing type-check valve fitted in the works of the manufacturer prevents the reflux of the wastewater from the pressure pipe into the sump. The standard odour trap stops annoyance caused by offensive odour.

By subsequently adjusting the plastic cover frame, the sump cover can be adapted easily and variably to the floor and tile conditions.

The unit is in conformity with the specification of German / European standard EN 12050.

We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 tolerances

PERFORMANCE



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SCOPE OF SUPPLY

Plastic tank to house a pump tested in keeping with German / European standard EN 12050 with shaped connecting piece and level-compensating plastic cover frame with cover plate, odour

trap for floor drain, hose connection, premounted discharge branch with swing-type check valve, parts required for pump installation, plug for cable conduit, without pump.

MECHANICAL DATA

Tank capacity	70 l	Weight	14 kg
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Type	Code No.
Baufix 100-tank	JP47214

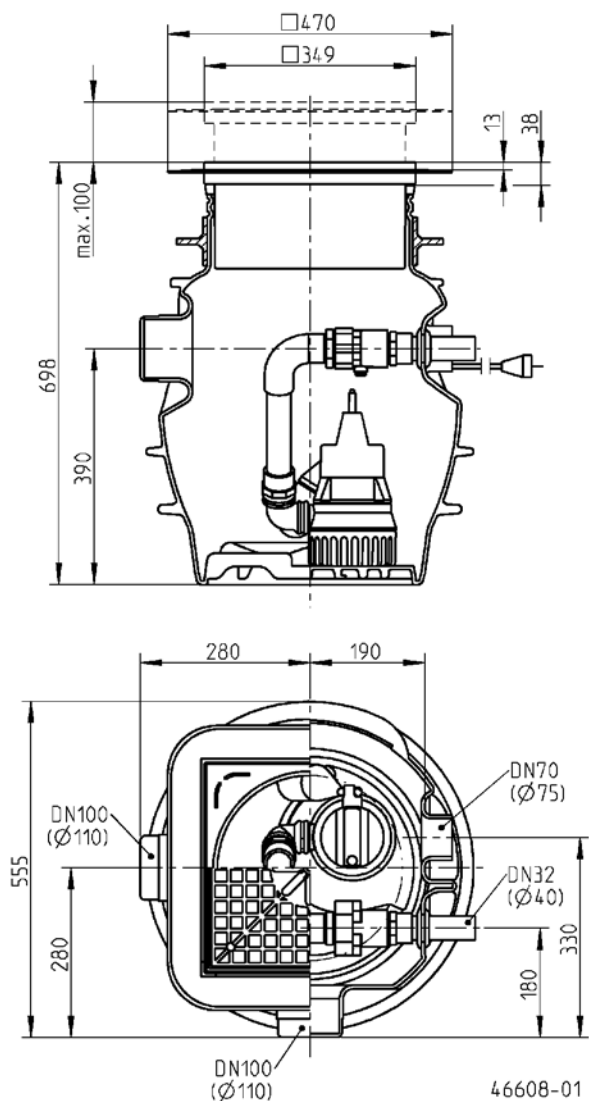
POSSIBLE PUMPS

Baufix 100	US 62 ES/DS	US 73 E/D Ex
U3KS/U3KS-spezial	US 73 ES/DS	US 103 E/D Ex
U5KS	US 102 ES/DS	
U6K ES/DS	US 103 ES/DS	

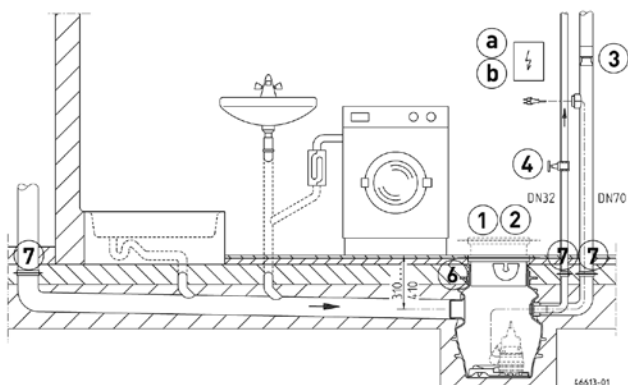
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Dimensions Baufix 100 (mm)





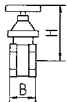



Example of installation Baufix 100



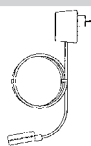




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MECHANICAL ACCESSORY

				Code No.
	① Cover plate	stainless steel, to be tiled, for Baufix 50, Baufix 100, Baufix 200-32		JP24024
	② Cover frame	stainless steel, for Baufix 50, Baufix 100, Baufix 200-32		JP28118
	③ Special ventilation	special filter with housing, not for hot water		JP27484
	④ Stop valve	1 1/4" (DN 32), PN 16	110x60 (HxB)	JP44785
	Ball valve	1 1/4", PVC, for aggressive media	105x155 (HxB)	JP46111
	⑤ Guide rail system	GR 32 for Baufix 100		JP46706
	⑥ Ground water seal sump	Ø315 for Baufix 100/Baufix 200-32		JP47216
	⑦ Ground water seal set pipe	for Baufix 100/Baufix 200-32 with inlet DN 100		JP50206

ELECTRICAL ACCESSORY

				Code No.
	a Control for single units			
	Control unit AD 4 XE	for US 73E EX		JP25901
	Control unit AD 8 XE	for US 103E E		JP25902
	Control unit AD 23 X	for US 73D EX		JP09754
	Control unit AD 25 X	for US 103D EX		JP09683
	Level control	LM-circuit (for explosion-proof pumps only)		JP01080
	Dry run protection	Assembly set for LM circuit		JP22410
	b Alarm unit			
	PTS.SA1	Level alarm system with battery backup 320x240x150mm (WxDxH)		PTS.SA1
	PTS.HLA	High Level alarm unit. 182x180x111mm (HxWxD)		PTS.HLA
	Power Isolation Alarm	Isolate appliance - in event of alarm no more water will be fed into the alarm system		P734
	c Seal leak detector	DKG DKG Ex for explosion-proof pumps		JP44900 JP00249