
FEKALIFT

LIFTING STATION



GENERAL DATA

Applications

Small lifting stations for automatic collecting and pumping sewage. Its use is necessary whenever the wastewater cannot be expelled by gravity. The lifting station is mounted directly behind the WC and is therefore unaffected by the type of waste piping and unions.

This lifting station can be used wherever an additional toilet is required during new building work, renovations and structural modifications. Depending on the model, a shower, bidet and washbasin can be connected together with the WC.

The inflow water from the sanitary ware connected to the system automatically turns on the Fekalift 100/200 when there is an increase in the water level of approximately 8 cm and is automatically turned off when the level drops by approximately 3 cm. The solids and excrement that arrive from the toilet are chopped and forced into the general waste pipe through the pressure pipe.

The Fekalift 100/200 can be connected to any European standards WC with horizontal waste. At least 6 litres of water must be available each time flushing is performed. Water saving push button flushes are advised.

The appealing design, technical innovation and manufacturing quality make FEKALIFT an indispensable item for the fitting of a supplementary toilet, above or below the backwater level (based on the DIN 1986 standard).

The Fekalift 100 and Fekalift 200 systems are suitable for water temperatures up to 60°C and are resistant to slightly acidic substances. Avoid the discharge of water containing greasy or oily substances into the Fekalift 100 and Fekalift 200.

Constructional Characteristics

The motor, powerful yet noiseless, the pump and the grinding device are made of stainless steel.

The integrated pump purifying system makes the station practically maintenance-free. Easy to install, it is also designed for connection of a shower base with 12 cm drain height.

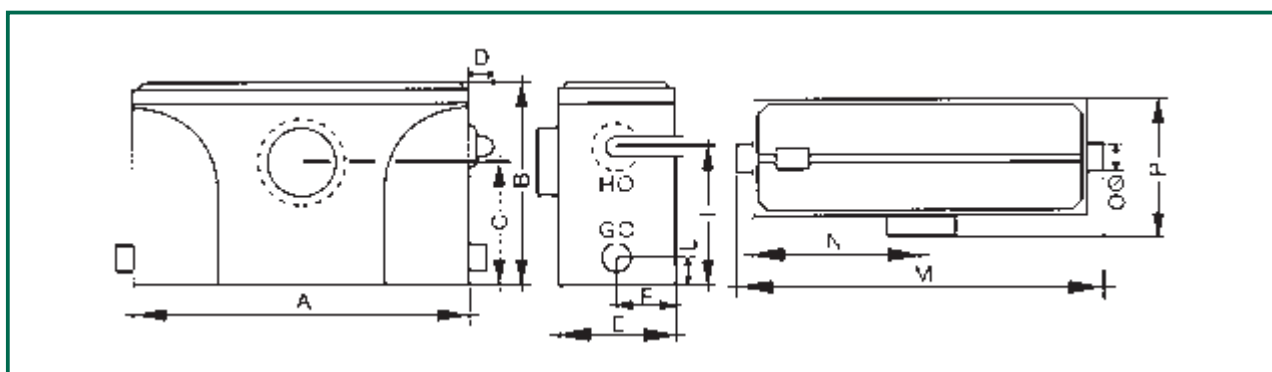
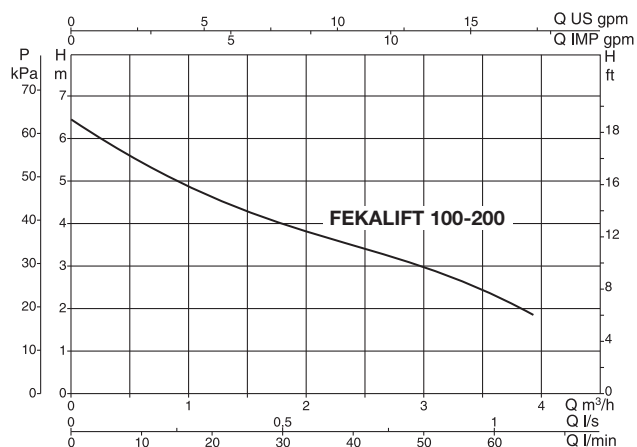
The forced side duct with built-in no-return valve allows the cover to be removed without having to remove the delivery pipe.

TECHNICAL DATA

- Power input:	1x230 V~ 50 Hz
- Current:	2,1 A
- Power:	650 W
- Flow Q:	3,9 m³/h
- Head H:	6,4 m high or 70 m length
- Max liquid temperature:	60°C
- Insulation class:	B
- Speed of rotation:	3000 1/min.
- Delivery union:	DN 25
- Operation:	automatic
- Approval:	VDE - GS
- Built to:	DIN 19762
- Capacity:	Fekalift 100 9 lt. Fekalift 200 12 lt.



The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



MODEL	A	B	C	D	E	F	G Ø	H Ø	I	L	M	N	O Ø	P
FEKALIFT 100	377	275	180	90	177	—	—	DN 28	200	70	—	188	—	—
FEKALIFT 200	485	270	180	50	170	85	DN 40	DN 28	200	40	530	242,5	40	200

MODEL	ELECTRICAL DATA				HYDRAULIC DATA (n ≈ 2800 1/min)						
	VOLTAGE 50 Hz	P2 NOMINAL		In A	Q m³/h l/min	0	0,6	1,2	1,8	3	3,9
		kW	HP			0	10	20	30	50	65
FEKALIFT 100/200	1x230 V ~	0,65	0,88	2,1	H (m)	6,4	5,6	4,7	3,9	3	1,9