



DIP BOOSTER

Gravity Line Accelerator

Insufficient slope, Insufficient flow..
Inadequate pipes ?

"MOVE IT OUT" without replacing the whole line !



www.dipsysteme.com

US



DIP BOOSTER : Gravity line accelerator

If you're having trouble due to insufficient slope, insufficient flow or inadequate pipes ...

SIDE Industrie has the solution that can change EVERYTHING without replacing EVERYTHING ...

TOP INNOVATION NEW

DIP SEWAGE BOOSTER

Gravity Line Accelerator

Insufficient slope, Insufficient flow... Inadequate pipes ?

"MOVE IT OUT" without replacing the whole line !

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DESCRIPTION

The DIP BOOSTER circulators by SIDE Industrie are derived from the high range of wastewater circulators DIP Systeme[®], and are also made of «boiler-plated» stainless steel.

They are composed of a shared hydraulic body that fits the pipe size, allowing the gravity flow to go through it. Includes a «by-pass» valve, a level sensor upstream and 2 variable speed hydraulic drives connected in parallel using VFD's.

OPERATION

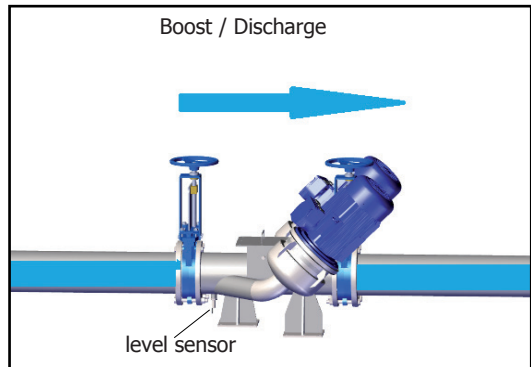
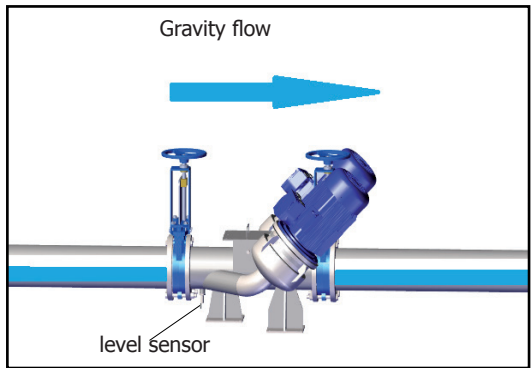
1- GRAVITY FLOW:

The flow goes through the DIP BOOSTER as long as it does not fill the pipe.

The motors are off, the control panel leaves them on standby and continuously checks the level via the level sensor. The internal valve is open.

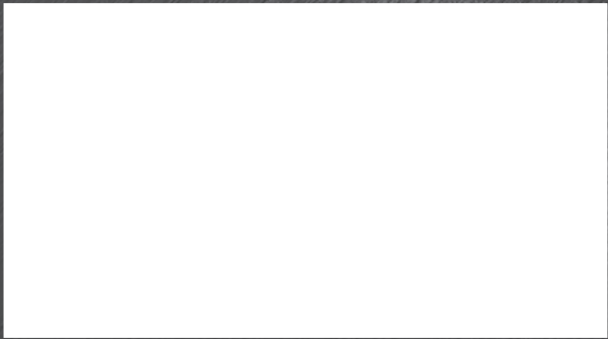
2- WATER LEVEL RISING:

If the gravity flow fills the pipe and the DIP Booster's body the start-up level of the first motor unit is reached. It will start up slowly and then accelerate the flow activating the internal check valve. The second motor unit starts up if the upstream level increases. The motors stop when the upstream flow decreases back down to gravity flow.



APPLICATIONS

- Pipes with insufficient slope
- Pipes undergoing periodic backups
- Accelerated in-line wastewater circulation - MORE VELOCITY
- For a gravity-fed line of 6" to 40" diameters
- Savings on pipe diameters
- Where increased scouring is needed



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