

DIBITEC 

RANGE OF
EQUIPMENT



 **Over**Watch[®]

BOOSTER **GRAVITY LINE ACCELERATOR**

Insufficient slope, Insufficient flow...
Inadequate pipes?

“MOVE IT OUT” Without replacing the whole line!

OverWatch[®] Direct In-Line Pump System

DIBITEC 

Distributor: Portugal, Spain, Saudi Arabia and African Continent

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★★★★
DIRECT IN-LINE PUMP SYSTEM
A unique, innovative and
patented equipment
★★★★



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If you're having trouble due to insufficient slope, insufficient flow or inadequate pipes...
We have the solution that can change everything without replacing everything...



DESCRIPTION

The BOOSTER circulators are derived from the high range of wastewater circulators OverWatch®, and are also made of 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.

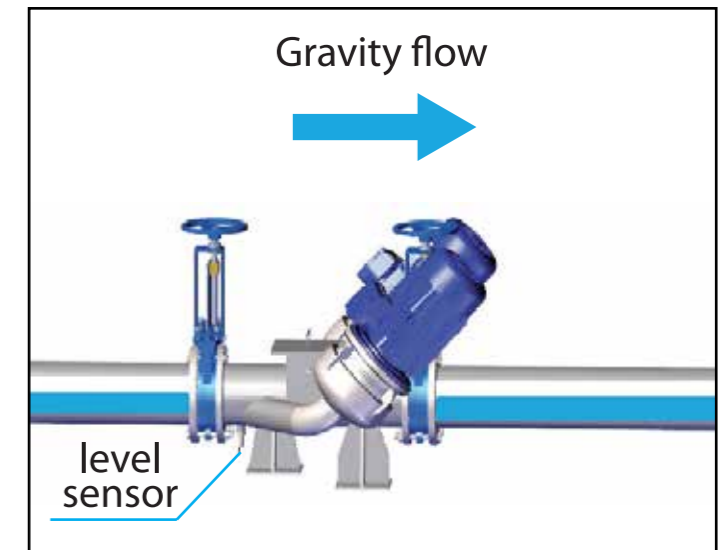
OPERATION AND CHARACTERISTICS

1-GRAVITY FLOW

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

The motors are off, the control panel leaves them on stand-by and continuously checks the level via the level sensor.

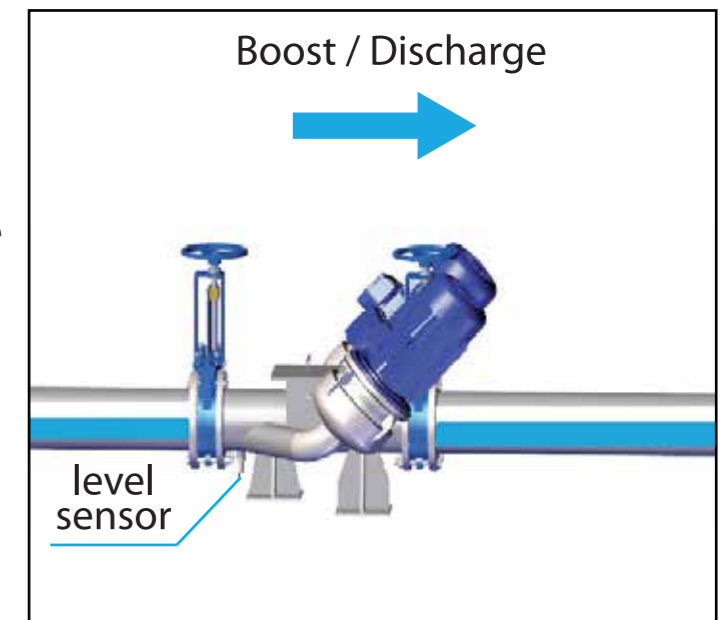
The internal valve is open.



2 - WATER LEVEL RISING

If the gravity flow fills the pipe and the 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;
- For a gravity-fed line of DN200 to DN1000 diameters;
- Savings on pipe diameters;
- Forcing flood control pipes.



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