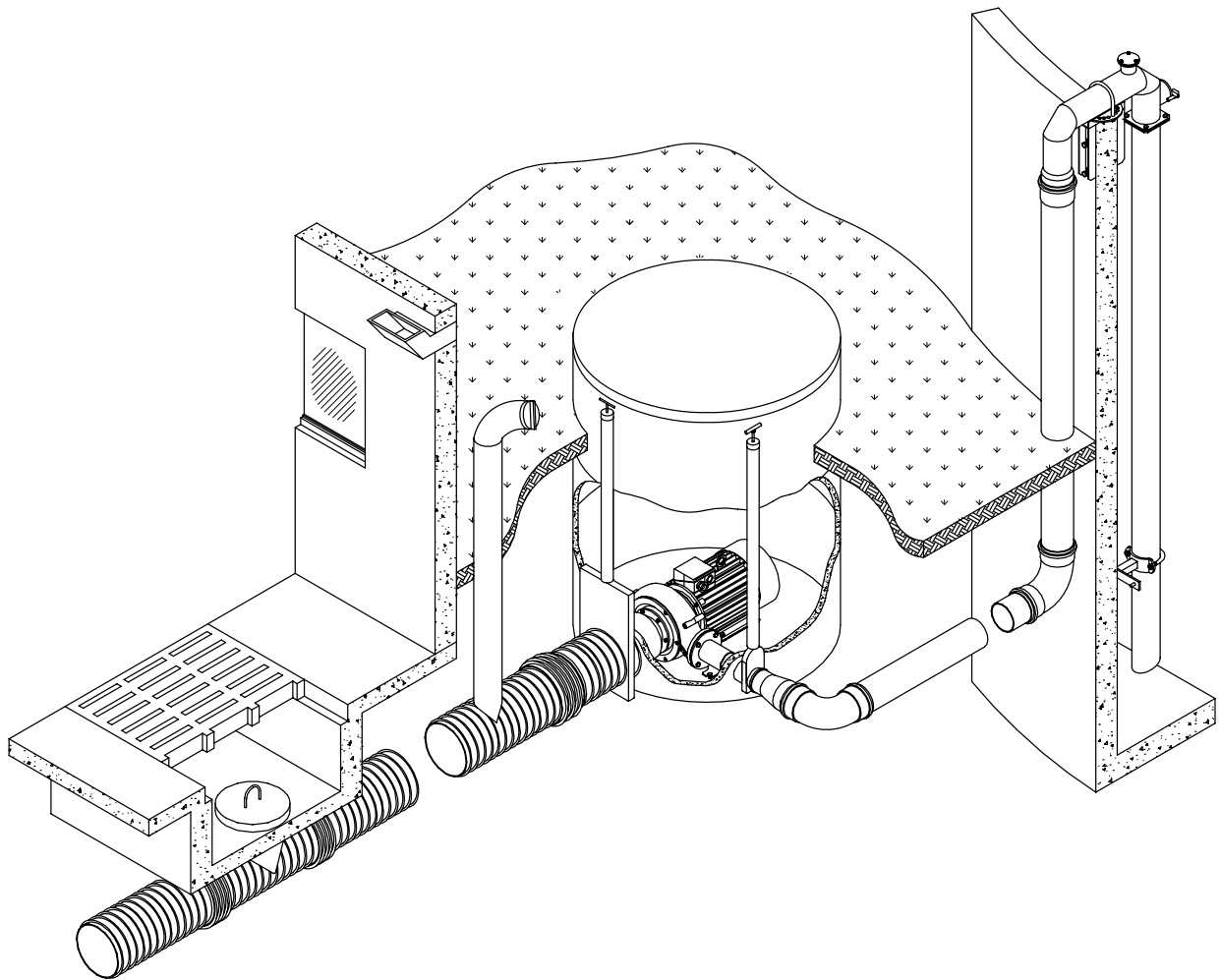


Landia Dry Installed Pump MPTK

Mounting instructions for installation in dry pit for efficient slurry evacuation and pumping from channels to storage tank.



Ask us for professional advice for packaged pumping systems that are friendly to the environment, free of bad odours, easy and quick to install.

Quality in every detail

Mounting instruction for dry installed Landia pump

- Install the pit.
- The upper edge of the pit must be at least 150 mm above ground in order to prevent surface water from running into the pit.
- Drill a hole in the pit in the level of the pump inlet (340 mm)
- Drill a hole for a Ø160 mm pipe discharge, either left or right.
- Thread the pipe from the shed with an 8‰ gradient.
- Mount the T-piece for the venting in front of the pit.
- Place the venting 500–1500 mm above ground to prevent the slurry from pouring out through it, when the slurry flows back in case the pump is stopped.
- Mount the sluice valve after the T-piece, and thread a pipe from this part to the pump.
- Place the sluice valve and venting as close to the pit as possible.
- Mount a stainless steel sluice valve ø160 mm on the piping towards the storage tank outside the pit; any 90° bends must be the large PN6 (pressure pipes) and not the small ones that are typically used as sewer pipes.
- Every joint (cast) is to be tight to prevent water from flowing into the pit and flood the motor.
- Pipe dimension 250, 315 mm ultra pipe or 250, 315 mm N-pipe (smooth pipe). Dimension and type are to be announced when placing order.

Start-up:

- The channels must be free from contaminants (pieces of cable, plastic, rope, boards and the like).
- Before the stable is put into use, one can with advantage fill approx. 10 cm of water into the channels, thus preventing the dry concrete from absorbing the thin part of the slurry.
- Check that the motor is operating with the correct direction of rotation (see arrow).

Operation:

- If necessary, open two plugs to ensure an adequate flow towards the pump.

Maintenance:

- Before service, close the gate valves on inlet and outlet. In that way, as little slurry as possible will run into the pit when removing the pump.
- Control the seals
- Control performance by measuring the ampere consumption during operation.
- If the performance declines, change the impeller.

Security:

- During maintenance or repair, please observe relevant health and safety regulations (gas risk).

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