

GOOD TO KNOW – ROSS-SERIES

Construction features of the ROSS series pumps

- **Waterproof cable entry:**

The cable entry is completely watertight on all pumps in the ROSS series: Each cable is stripped and encapsulated in epoxy resin. This design effectively prevents water from entering the motor chamber if the cable entry is submerged or if the cable sheath is damaged.

- **Pressure outlet at the top and double casing:**

All pumps in the ROSS series have the pressure outlet located on the top. This design ensures optimum water cooling of the motor during continuous operation at low water levels. In addition, cylindrical, slim pumps could be designed in this way, which can also be used in confined spaces.

- **Motor protection:**

The motors of the ROSS series pumps are equipped with a temperature monitor that protects against overheating and running dry.

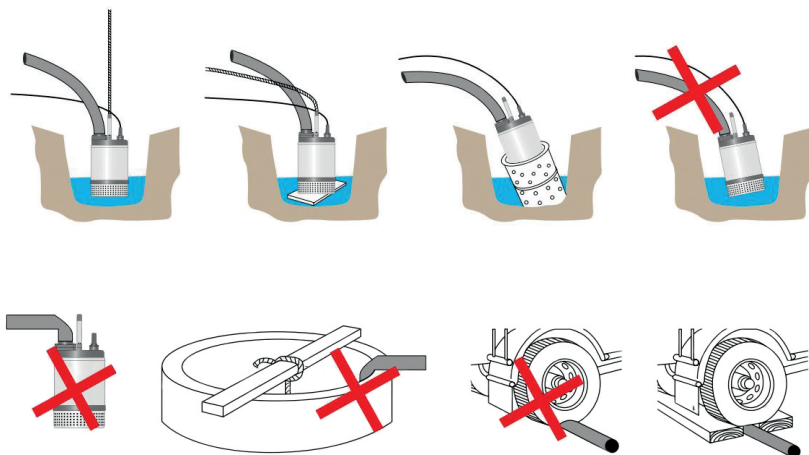
- **Food grade lubricants:**

All lubricants used in the ROSS series pumps are food grade and environmentally friendly to minimise environmental impact.

Correct positioning of the pumps

For the best performance and to avoid excessive wear and/or damage, some basic things should be considered when setting up the ROSS series pumps.

- It is important to ensure that the pumps cannot sink into the subsoil. This is particularly likely to happen in sandy and clay soils. You can prevent this by lowering the pumps on a rope/chain for applications in wells/pits. If you use the pumps on larger surfaces, place the pump on a frame (e.g. made of wooden boards) or a base made of, for example, coarse gravel.
- Never place the pressure hose in tight curves and be sure to avoid kinks in the hose. Tight bends and kinks reduce the flow rate through the hose and create additional friction losses and ultimately reduce the overall performance of the pumps.



Application as flat suction pumps

In addition to the FLAT-ROSS submersible pump, which is specially designed for shallow suction of residual water, the B-ROSS submersible pump can also be used for shallow suction. For this purpose, the rubber suction ring included in the standard scope of delivery is fitted to the suction opening of the pump. With the suction ring, the B-ROSS is ideal for residual drainage and offers a simple, reliable and immediate solution for draining water right to the ground level.



Subject to technical changes, our terms and conditions apply: www.roessle.ag

rössle

Vacuum cleaners for fire departments