

NEMO® Immersible Pumps

Applications, Performance and Product Range



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NEMO® semi-submersible pumps are used for emptying barrels, containers, tanks, clarifiers, pits, etc. They are also used where space is limited and when cavitation may be a danger or where low NPSH is available.

Furthermore the pumps are suitable for emptying barrels containing materials harmful to water and the environment where emptying through a connection at the bottom of the barrel is not permitted.

Performance

Capacities up to 140 m³/h (620 gpm).
Pressures up to 24 bar (340 psi).

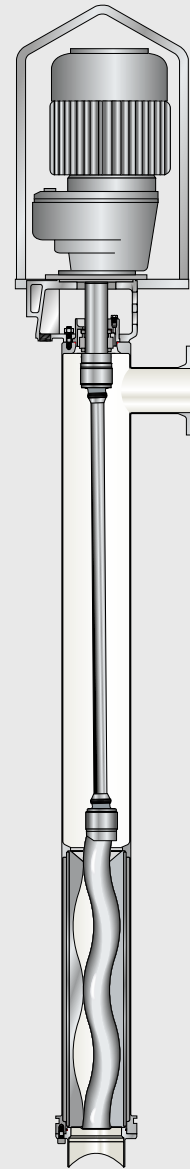
Depending on the application a number of designs/immersion variations are available. The immersion depth is adjusted as required by the application.

Description

Compact design with directly flanged drive. Four rotor/stator geometries for optimal performance. Immersion depth up to 10 m. The length of the immersed tube can be modified by using an extended pump housing or an additional suction pipe or a combination of both.

NEMO® Immersible Pump BT with Suspension Bracket

This pump is used for emptying open barrels and containers. It is equipped with a suspension bow for crane suspension. Immersion depth up to 3 m.

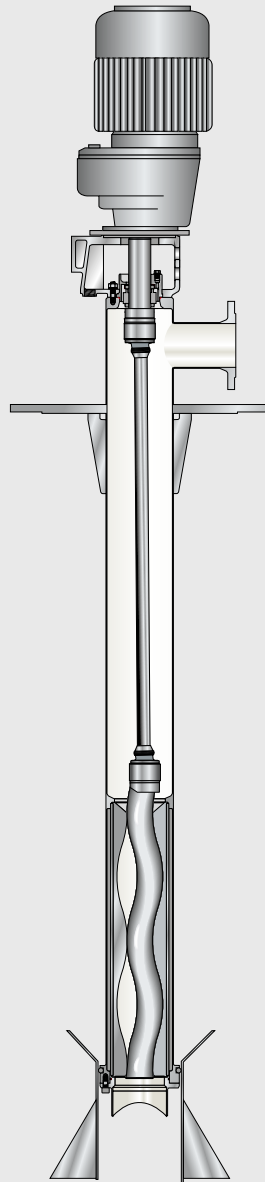


NEMO® Immersible Pump BT with suspension bracket

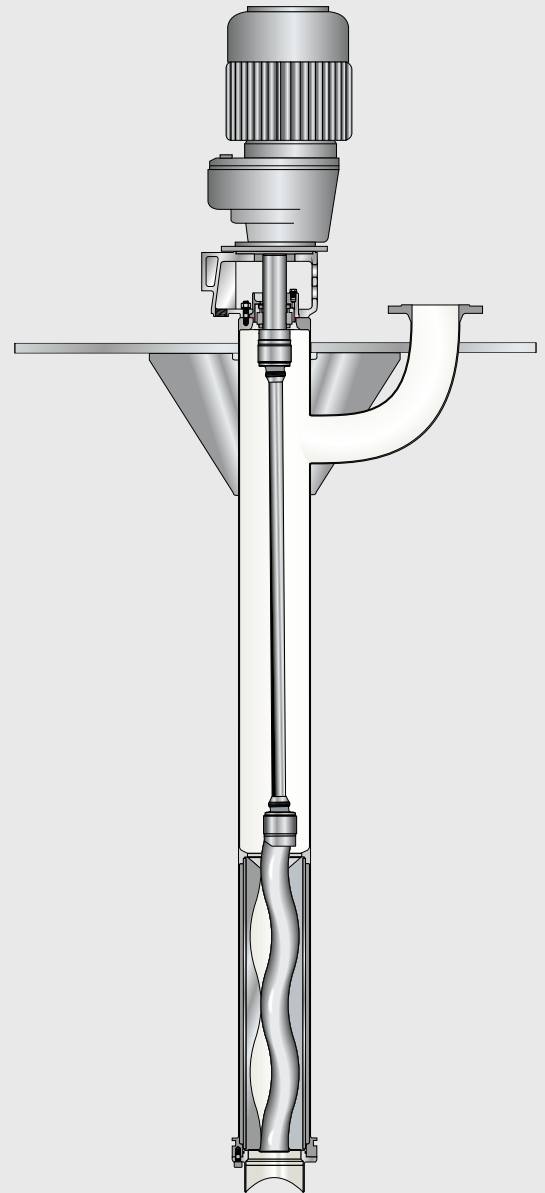
NEMO® Immersible Pump BT with integral Mounting Plate

This pump is used in closed pits, tanks and containers where there is the possibility to vertically flange mount the pump to the tank lid. Depending on pump size, speed and immersion depth up to 10 m, an additional support guide is available to secure the pump to the bottom or to the wall near the bottom. Removal of the pump from a full tank is possible because the guide units are self-centering and secure the pump suction without fixings.

The pump with discharge connection below the mounting position the discharge connection of the pump is below the tank lid. The product is either piped to the outside vertically through the lid via a 90 ° elbow or horizontally through the tank wall. This minimises the dead space in the pump housing thus reducing the overall height of the pump above the tank lid. This version is normally used where there is only limited space available.



NEMO® Immersible Pump BT with integral mounting plate and horizontal discharge connection



NEMO® Immersible Pump BT with integral mounting plate and vertical discharge connection