

MOVIKIT® MultiMotion Camming add-on AntiSlosh



POTENTIAL USES / TYPICAL APPLICATIONS



Conveying and filling

The AntiSlosh function is used on machines that convey and fill containers with liquids.

THE ADVANTAGES AT A GLANCE



Reliable!

Reliably reduces the sloshing of the liquid, regardless of speed and acceleration specifications.



Efficient!

The reduced sloshing makes it possible to achieve higher cycle times.



Modular!

The function can be used with all components in the MOVI-C® inverter portfolio that support interpolated positioning.



User-friendly!

Can be parameterized with a small number of parameters. We would be happy to offer you advice, and even help you with the project planning and implementation of the software in your project.

OVERVIEW OF TECHNOLOGY

The MOVIKIT® MultiMotion Camming add-on enhances MOVIKIT® MultiMotion Camming to include a function for generating travel profiles to reduce vibrations when liquids are being moved in intermittent cycles. The motion profile is generated online and can therefore be quickly adapted to any changes.

Reduced liquid displacement

Due to reduced stimulation, the liquid requires much less time to come to a standstill again after acceleration and deceleration phases.

Shorter settling times

Modifying the motion profile makes it possible to directly influence the displacement of the water level.

Sloshing prevented

The modification prevents sloshing when movement takes place in intermittent cycles.

Without AntiSlosh



With AntiSlosh



MOVIKIT ANTISLOSH

